THE CITY RECORD

VOL. XXXIX. NEW YORK, THURSDAY, MAY 18, 1911. NUMBER 11562.

THE CITY RECORD

OFFICIAL JOURNAL OF THE CITY OF NEW YORK.

Published Under Authority of Section 1526, Greater New York Charter, by the

BOARD OF CITY RECORD.

WILLIAM J. GAYNOR, MAYOR.

ARCHIBALD R. WATSON, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER.

DAVID FERGUSON, SUPERVISOR.

Supervisor's Office, Room 809, Park Row Building.

Published daily, at 9 a. m., except legal holidays, at Nos. 96 and 98 Reade street (north side), between West Broadway and Church street, New York City.

Subscription, $9.30 per year, exclusive of supplements. Daily issue, 3 cents a copy.

SUPPLEMENTS: Civil List (containing names, salaries, etc., of the city employees), Two Dollars; Official Canvass of Votes, 10 cents; Registry and Enrollment Lists, 5 cents each assembly district; Law Department Supplement, 10 cents; Annual Assessed Valuation of Real Estate, 25 cents each section; Land Valuation Maps, One Dollar per Borough set, postage prepaid.

ADVERTISING: Copy for publication in the CITY RECORD must be received at least two (2) days before the date fixed for the first insertion.

COPY for publication in the corporation newspapers of Brooklyn must be received at least three (3) days before the date fixed for the first insertion.

Entered as Second-class Matter. Post Office at New York City.

TABLE OF CONTENTS.

Aldermen, Board of—
Committee Hearing on Proposed Building Code 4305
Minutes of Stated Meeting Held May 16, 1911 4329
Assessors, Board of—
Notice to Present Claims for Damages for Change of Grade 4378
Completion of Assessments 4378
Bellevue and Allied Hospitals, Department of—
Auction Sale, Notice of 4364
Proposals 4364
Board Meetings 4367
Bridges, Department of—
Auction Sale of Old Roadway Plank, etc., Public Notice of 4379
Proposals 4379
Bronx, Borough of The—
Proposals 4363
Brooklyn, Borough of—
Notices of Petitions Received and on File 4373
Proposals 4374
Change of Grade Damgae Commission—
Time and Place of Meetings 4363
Changes in Departments, etc. 4360
College of The City of New York—
Proposals 4363
Correction, Department of—
Proposals 4363
Docks and Ferries, Department of—
Proposals 4377
Education, Board of —
Contracts Entered Into 4305
Education, Department of—
Proposals 4377
Estimate and Apportionment, Board of—
Franchise Matters — Notice of Hearings 4367
Minutes of Meeting Held May 11, 1911 4306
Public Improvement Matters — Notice of Hearings 4370
Finance, Department of—
Chamberlain's Office, Report of Court and Trust Funds 4305
Confirmation of Assessments 4366
Corporation Sales of Buildings, etc., on City Real Estate 4364
Notice of Sales of Tax Liens 4366
Sureties on Contracts 4366
Fire Department—
Proposals 4377
Health, Board of—
Resolution Amending Sanitary Code .. 4305
Health, Department of—
Proposals 4367
Instructions to Bidders for Work to be Done or Supplies to be Furnished 4384
Manhattan, Borough of—
Notice of Petitions Received and on File 4363
Sale of Bagging, etc., at Public Auction, Notice of 4363
Washington Heights's Local Board, Minutes of Meeting Held May 2, 1911 4305
Mayor's Bureau of Weights and Measures—
Proposals 4363
Municipal Civil Service Commission—
Assistant Electrical Engineer, Public Notice of Examination for Position of 4376
Chemist, Public Notice of Examination for Position of 4376
Deputy Director of Ambulance Service, Public Notice of Examination for Position of 4376
Examining Physician, Public Notice of Examination for Position of .. 4376
Keeper of Menagerie, Public Notice of Examination for 4376
Mechanical Engineer, Public Notice of Examination for Position of 4376
Nurse's Assistant, Public Notice of Examination for Position of 4376
Municipal Explosives Commission—
Notice of Hearing 4305
Notice to Bidders at Sales of Old Buildings, etc. 4384
Official Directory 4360
Parks, Department of—
Proposals 4378
Police Department—
Owners Wanted for Unclaimed Property 4377
Public Charities, Department of—
Proposals 4364
Public Service Commission—
Calendar of Hearings 4305
Queens, Borough of—
Proposals 4378
Richmond, Borough of—
Proposals 4378
Street Cleaning, Department of—
Proposals 4376
Supreme Court, First Department—
Acquiring Title to Lands, etc. 4379
Supreme Court, Second Department—
Acquiring Title to Lands, etc. 4381
Supreme Court, Ninth Judicial District—
Acquiring Title to Lands, etc. 4384
Supreme Court, Second Judicial District—
Acquiring Title to Lands, etc. 4384
Water Supply, Board of—
Proposals 4376
Water Supply, Gas and Electricity, Department of—
Proposals 4376

ALDERMANIC COMMITTEE HEARING.

Committee Hearing on the Proposed Building Code.

Public Notice is hereby given that the Committee on Buildings of the Board of Aldermen will hold a public hearing from day to day in the Aldermanic Chamber, City Hall, Borough of Manhattan, commencing Monday, May 22, 1911, at 1 o'clock p. m., on the proposed revision of the Building Code.

All persons interested in the above matter are respectfully invited to attend.

P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.

PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Weekly Calendar of Hearings.

The following hearings will be held during the week commencing May 15, 1911:

Thursday, May 18.—2.30 and 3.30 p. m.—Room 305.—Case No. 1330.—Interborough Rapid Transit Co.—"Station facilities on Second, Third and Ninth avenue elevated lines."—Commissioner Eustis.—2.30 p. m.—Room 310.—Case No. 1273.—Kings County Lighting Co.—John G. Mayhew et al., complainants.—"Rate for Gas."—Commissioner Bassett.—2.30 p. m.—Room 310.—Case No. 1276.—Kings County Lighting Co.—"Application for approval of sliding scale for rates of gas."—Commissioner Bassett.

Friday, May 19.—2 p. m.—Room 305.—Case No. 1340.—New York Central and Hudson River Railroad Co.—"Change of motive power on the West Side Division."—Commissioner Eustis. 10 a. m.—Umpire's Office—City of New York and Crawford Co.—"Arbitration of determination of Chief Engineer."—H. H. Whitman of counsel.

Regular meeting of the Commission held on Tuesday and Friday at 11.30 a. m.—Room 310.

MUNICIPAL EXPLOSIVES COMMISSION.

Notice is hereby given to all persons interested, that the Municipal Explosives Commission of The City of New York will give a public hearing on the 22d day of May, 1911, at 10.30 in the forenoon, at Fire Headquarters, 157 East 67th street, on the subject of the final adoption of the revised regulations covering the manufacture, transportation, storage, sale and use of high explosives and blasting supplies within The City of New York.

Copies of the proposed regulations may be obtained by applying in person to the Bureau of Combustibles, Fire Headquarters, New York City.

Borough of Manhattan.

Washington Heights Local Board Meeting.

A meeting of the Local Board of the Washington Heights District was held on Tuesday, May 2, 1911, at 11 o'clock a. m., in the Council Chamber of the City Hall.

Present: Aldermen Bolles, Boschen, Marx and Willard, and Acting President Frothingham.

Mr. R. C. Dorsett appeared and requested the reconsideration of resolution adopted April 4, 1911, initiating proceedings for paving Vermilyea ave. from Dyckman st. to 211th st. with sheet asphalt. He stated that he was the owner of five hundred and fifty feet of frontage on Vermilyea ave. and represented thirteen other owners of property along the line of proposed improvement, all of whom were in favor of asphalt block pavement. He stated that all the other streets in that section were paved with this material, and that the sentiment throughout the Dyckman tract was in favor of asphalt block for paving.

On motion of Alderman Boschen the resolution adopted on April 4, 1911, providing for paving Vermilyea ave. with sheet asphalt, was rescinded.

Alderman Boschen then offered a resolution to pave with asphalt block pavement on concrete foundation, curb and recurb Vermilyea ave. between Dyckman st. and 211th st., and in connection therewith the furnishing and setting of necessary sewer manhole covers, and that a copy of the resolution be transmitted to the Board of Estimate and Apportionment for its approval. Which was adopted.

The Acting President presented for the consideration of the Board a petition for laying out for use as a public park the triangular plot bounded by Amsterdam ave., Hamilton place and 143d st.

Mr. Addison Allen, representing Caroline R. Bloomer and Mary H. Allen, property owners in the immediate vicinity of the proposed improvement, appeared in opposition.

Alderman Bolles offered a resolution recommending to the Board of Estimate and Apportionment an alteration of the map or plan of The City of New York by laying out thereon for use as a public park the triangular plot bounded by Amsterdam ave., Hamilton place and 143d st., as shown on the accompanying diagram, and that a copy of the resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval. Which was adopted.

The Acting President presented for the consideration of the Board the matter of laying out an extension of 144th st. from Hamilton terrace to St. Nicholas ave.

Mr. J. B. Butler appeared in favor, and filed a statement, signed by owners of property in the immediate vicinity, to the effect that in the event of favorable action they would not ask the City to bear any portion of the proposed improvement. Mr. Butler stated that the signatures attached to this statement represented upwards of two millions of dollars in assessed valuations.

The following also appeared in favor: Benno Lewinson and Daniel S. Brassil.

The following appeared in opposition: Raphael Tobias, representing the Barney Etate; Sidney Nordlinger, of the firm of Cahn & Nordlinger, representing the Hamilton Terrace Company.

Alderman Bolles offered a resolution recommending to the Board of Estimate and Apportionment an alteration of the map or plan of The City of New York by laying out thereon an extension of 144th st. from Hamilton terrace to St. Nicholas ave., as shown on the accompanying diagram, and that a copy of the resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval. Which was adopted.

The Acting President presented for the consideration of the Board the matter of change in the grade of 134th st. between Broadway and Riverside drive.

Mr. John J. Hopper appeared in opposition.

The following appeared in favor: M. Francis Snowber, John G. Van Horne, M. Stearns, representing Eugene Higgins, and Charles A. O'Donohue.

The following resolution was adopted:

Resolved, That this Board does hereby recommend to the Board of Estimate and Apportionment an alteration of the map or plan of The City of New York by laying out thereon a change in the grade of 134th st. between Broadway and Riverside drive, as shown on the accompanying diagram.

The Acting President presented for the consideration of the Board the matter of constructing sewer in 134th st. from 12th ave. to a point 250 feet easterly.

Mr. John J. Hopper appeared in favor.

Alderman Willard offered a resolution to construct sewer in 134th st. from 12th ave. to a point 250 feet easterly therefrom, and that a copy of the resolution be transmitted to the Board of Estimate and Apportionment for its approval. Which was adopted.

The Acting President presented for the consideration of the Board the matter of acquiring title to 168th st. from Amsterdam ave. to Jumel place.

A resolution was offered by Alderman Bolles to acquire title to 168th st. from Amsterdam ave. to Jumel place, and that a copy of the resolution be transmitted to the Board of Estimate and Apportionment for its approval, which was adopted.

Adjourned.

JULIAN B. BEATY, Secretary.

Board of Education.

New York, May 8, 1911.

The Board of Education has entered into contracts with the following named contractors:

A. W. King, 251 W 66th st., City, for alterations, repairs, etc., at Public School 42, Manhattan; surety, American Bonding Company of Baltimore.

John Brook, 43 W. 125th st., City, for alterations, repairs, etc., at Public School 126, Manhattan; surety, The Bankers Surety Co.

John Bellman, 61 Hudson st., City, for furnishing supplies to the Truant Schools; surety, United States Guarantee Company.

Bloomingdale Bros., 59th st. and 3d ave., City, for furnishing general supplies; surety, United States Guarantee Company.

Armour & Co., 30 Church st., City, for furnishing supplies to the Truant Schools; surety, Guarantee Company of North America.

A. Silberberg and B. Berman, 353 Madison st., City, for alterations, repairs, etc., at Public School 122, Manhattan; surety, Massachusetts Bonding and Insurance Co.

A. Silberberg and B. Berman, 353 Madison st., City for alterations, repairs, etc., at Public School 40, Manhattan; surety, Massachusetts Bonding and Insurance Co.

W. H. Quinn, 103 Chambers st., City, for alterations, repairs, etc., at Public Schools 44 and 108, Manhattan; surety, National Surety Company.

J. M. Knopp, 544 W. 43d st., City, for alterations, repairs, etc., at Public School 177, Manhattan; surety, Fidelity and Deposit Co. of Maryland.

Ward's Natural Science Establishment, Rochester, N. Y., for furnishing general apparatus, etc., for the day high schools, etc.; surety, Empire State Surety Co.

August Wille, Jr., 32 Union square, City, for alterations, etc., at Public School 3, Manhattan; surety, Empire State Surety Co.

FRED H. JOHNSON, Assistant Secretary.

Office of the Chamberlain.

Court and Trust Funds Report.

There has been placed in the City Treasury, pursuant to law, the sum of $1,271.40, the amount of commissions collected by this office from court and trust funds for the month of April, 1911.

H. J. WALSH, Deputy Chamberlain.

Board of Health.

At a meeting of the Board of Health of the Department of Health, held May 9, 1911, the following resolution was adopted: Resolved, That the following additional section to be known as Section 62A of the Sanitary Code, be and the same is hereby adopted:

Section 62A. Every tank for holding water, located on the roof or external part of a building shall be kept covered with a tight-fitting cover, or with an extra fine mesh screen to prevent the access of mosquitoes to the water therein; and every such tank shall be ventilated. Every tank from which water is furnished for general use, shall be emptied and the inside thoroughly cleaned at least twice a year, and at such other times as may be directed by the Sanitary Superintendent or an Assistant Sanitary Superintendent of the Department of Health.

EUGENE W. SCHEFFER, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of Board of Estimate and Apportionment, Held in Room 16, City Hall, Thursday, May 11, 1911.

FINANCIAL AND FRANCHISE MATTERS.

The Board met in pursuance of an adjournment.

Present—William J. Gaynor, Mayor; William A. Prendergast, Comptroller; John Purroy Mitchel, President, Board of Aldermen; George McAneny, President, Borough of Manhattan; Lewis H. Pounds, Acting President, Borough of Brooklyn; Cyrus C. Miller, President, Borough of The Bronx; Lawrence Gresser, President, Borough of Queens; and George Cromwell, President, Borough of Richmond.

The Mayor, Hon. William J. Gaynor, presided.

The minutes (Financial Matters) of the meeting held May 4, 1911, were approved as printed in the CITY RECORD May 10, 1911.

FRANCHISE MATTERS.

Union Railway Company of New York City.

The public hearing was opened on the form of contract for the grant of a franchise to the Union Railway Company of New York City to construct, maintain and operate a street surface railway from the existing tracks of the Company on 155th street viaduct, at or near 8th avenue, thence westerly upon and over said viaduct to its intersection with 155th street, and westerly upon and along 155th street to the easterly side of Broadway, as an extension to its existing system.

By resolution adopted March 2, 1911, the hearing was fixed for April 13, 1911, and on that day was continued until April 27, 1911, when it was continued until this day.

Reginald Pelham Bolton appeared in opposition to the proposed grant.

Henry A. Robinson, counsel for the Company, appeared in favor.

No one else desiring to be heard the Chair declared the hearing closed.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Union Railway Company of New York City the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates, fares and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

This contract, made this day of , 191 , by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Union Railway Company of New York City (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right and privilege to construct, maintain and operate a double track extension to its present street surface railway with the necessary wires and equipment, for the purpose of conveying passengers only in the Borough of Manhattan, in The City of New York, upon the following route, to wit:

Beginning at and connecting with the existing tracks of the Company on the 155th street viaduct at or near 8th avenue; thence westerly on and over said viaduct to its intersection with 155th street and westerly upon and along said 155th street to the easterly side of Broadway, and to cross such other streets and avenues, named and unnamed, as may be encountered in said route.

The said route with turnouts, switches and crossovers hereby authorized is shown upon a map entitled:

"Map showing proposed extension of the Union Railway Co. of New York City in the Borough of Manhattan, City of New York, to accompany petition dated October 27, 1910, to the Board of Estimate and Apportionment,"

—and signed by F. W. Whitridge, Receiver; Edward A. Maher, General Manager, and T. F. Mullaney, Chief Engineer, a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom and additional turnouts, switches and crossovers which are consistent with the foregoing description and the other provisions of this contract may be permitted by resolution of the Board.

Section 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within three (3) months from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall within said three (3) months or within one (1) month thereafter, make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law to determine if said railway ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railway shall be held and enjoyed by the Company from the date upon which this contract is signed by the Mayor until September 14, 1928, with the privilege of renewal of said contract for the further period of twenty-five (25) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two (2) years and not later than one (1) year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than the sum required to be paid during the last year prior to the termination of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one (1) year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding twenty-five (25) years shall be reasonable, and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six (6) months prior to the expiration of this original contract, and their report shall be filed with the Board within three (3) months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum shall, in any event, be less than the sum required to be paid for the last year of the original term of this contract. If in any case the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Third—The Company shall pay to the City for the privilege hereby granted the following sums of money:

(a) The sum of three thousand five hundred dollars ($3,500) in cash within three (3) months after the date on which this contract is signed by the Mayor, and before anything is done in exercise of the privilege hereby granted.

(b) During the first term of five (5) years an annual sum which shall in no case be less than six hundred dollars ($600), and which shall be equal to three (3) per cent. of its gross annual receipts if such percentage shall exceed the sum of six hundred dollars ($600).

During the second term of five (5) years an annual sum which shall in no case be less than one thousand and seventy-five dollars ($1,075) and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of one thousand and seventy-five dollars ($1,075).

During the third term of five (5) years an annual sum which shall in no case be less than twelve hundred dollars ($1,200) and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of twelve hundred dollars ($1,200).

During the remaining term, expiring September 14, 1928, an annual sum which shall in no case be less than thirteen hundred dollars ($1,300), and which shall be equal to five (5) per cent. of its gross annual receipts if such percentage shall exceed the sum of thirteen hundred dollars ($1,300).

The gross annual receipts mentioned above shall be that portion of the gross receipts of the Company from all sources within the limits of the City as shall bear the same proportion to its whole gross receipts as the length of the extension hereby authorized shall bear to the entire length of the railway of the Company in operation within the limits of the City.

The annual charges shall commence from the date upon which this contract is signed by the Mayor.

All annual charges as above shall be paid into the treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding. Provided that the first annual payment shall be only for that proportion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following shall bear to the whole of one year.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before November 1 in each year for the year ending September 30 next preceding.

The annual charges herein provided are intended to include the percentages of gross receipts now required to be paid by railway companies to the City pursuant to the Railroad Law as amended.

The intention of this paragraph is to fix an annual charge to be paid by the Company to the City for the rights and privileges hereby granted.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payment shall be made in addition to any and all taxes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of the City, or resolution of the Board, or any law of the State of New York.

Fourth—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal), notwithstanding any clause in any statute or in the charter of any other railway, or railroad company providing for payment for railway or railroad rights and franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fifth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right or privilege, upon the same or other terms and conditions, over the route hereinbefore described.

The use of the railway constructed by the Company under this contract, including the tracks, wires and other equipment, or any structures used in connection therewith, in streets and avenues hereinbefore described, shall be permitted by the Company to any individual or corporation to which the City may have granted, or may hereafter grant, the right or privileges to use such streets and avenues for street railway purposes, upon payment of an annual sum by such individual or corporation to the Company which shall equal the legal interest on such proportion of the actual cost of the construction of such railway and structures, and additions and betterments thereto, as the number of cars operated by such individual or corporation shall bear to the number of cars operated by the companies then using the same and also such proportion of the cost of keeping the tracks and electrical equipment in repair, and the cost of additions and betterments thereto, such proportion of laying and repairing of pavement and removal of snow and ice, and all other duties imposed upon the Company by the terms of this contract in connection with the maintenance or the operation of said railway so used, as the number of cars operated by such individual or corporation shall bear to the number of cars operated by the companies then using the same, together with the actual cost of the power necessary for the operation of the cars thereon of such individual or corporation. Provided, however, that if, in the opinion of the Company, the legal rate of interest upon the cost of such railway shall be an insufficient sum to be paid for the use of such tracks, it may appeal to the Board and the Board may fix a percentage upon the cost to be paid to the Company, at a sum in excess of the legal rate of interest, if, in its opinion, such action is justified.

The Company shall not at any time oppose, but shall, upon the request of the Board, consent to the construction or operation of any street surface railway which may necessitate the use of any portion of the railway which shall be constructed by the Company pursuant to this contract.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Seventh—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the tracks and equipments of the Company constructed pursuant to this contract within the streets and avenues and upon the viaduct shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its tracks and other equipment constructed pursuant to this contract and the said streets, avenues and viaduct shall be restored to its original condition at the sole cost and expense of the Company.

Eighth—The Company shall commence construction of the railway herein authorized within three (3) months from the date upon which the consents of the property owners are filed with the Board, or from the date of the order of the Appellate Division of the Supreme Court, made pursuant to section 174 of the Railroad Law confirming the determination of the Commissioners appointed thereunder that such railway ought to be constructed, and shall complete the construction and place the same in full operation within six (6) months from the date of filing such consents or the date of such order, otherwise this right shall cease and determine, and all sums paid, and the sum of two thousand dollars ($2,000) deposited with the Comptroller of the City, as hereinafter provided, shall thereupon be forfeited to the City provided that the period for commencement and the period for completion and placing the railway in full operation may be extended by the Board, but the total extension of time for either

of such periods shall not exceed in the aggregate six (6) months and provided, further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Ninth—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway appurtenances, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time, the rights hereby granted shall cease and determine.

Tenth—Said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

No construction upon said railway shall be commenced until written permits have been obtained from the proper City officials.

In any permits so issued such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures in the streets and avenues and upon the viaduct over which such officials have jurisdiction and the Company shall comply with such conditions.

The electrical equipment to be installed by the Company for the operation of the railway within the limits of the City, whether the same be upon streets and avenues or upon the viaduct or upon private property, shall be constructed and maintained under the supervision and control of the Commissioner of Water Supply, Gas and Electricity.

Eleventh—Said railway may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railways in the Borough of The Bronx, or by any other motive power, except locomotive steam power or horsepower, which may be approved by the Board, and consented to by the abutting property owners, in accordance with the provisions of law, and by the Public Service Commission for the First District of the State of New York.

Provided, however, that the Board, upon giving to the Company one (1) year's notice, may require the Company to operate its railway upon the whole or upon any portion of the route herein authorized to be constructed, except upon the viaduct, by underground electric power substantially similar to the system now in use on the street surface railways in the Borough of Manhattan, or upon the whole or any portion of said route by any other practical motive power then in use which does not require the use of poles and overhead wires in the streets and avenues and upon the viaduct, and thereupon to discontinue the use of the overhead trolley system and to remove its poles, wires and other structures used by it for that purpose from the streets, avenues and viaduct of the City upon said route.

Twelfth—Upon six (6) months' notice by the Board to the Company all wires for the transmission of power, except trolley wires, for the operation of the railway, upon all or any portion of the route hereby authorized, shall be placed in conduits beneath or alongside of the railway. The Company shall provide in such conduits two (2) ducts not less than three (3) inches in diameter for the exclusive use of the City. Such ducts shall be used only by the Company for the operation of its railway and by the City, as above.

Thirteenth—The rate of fare for any passenger upon said railway shall not exceed five (5) cents, and the Company shall not charge any passenger more than five (5) cents for one continuous ride from any point on its road, or on any road, line or branch operated by it or under its control to any other point thereof, or any connecting branch thereof, within the limits of the City.

The Company shall carry free upon the railway hereby authorized during the term of this contract all members of the Police and Fire Departments of the City when such employees are in full uniform.

Fourteenth—No cars shall be operated upon the railway hereby authorized other than passenger cars and cars necessary for the repair or maintenance of the railway, and no freight cars shall be operated upon the tracks of said railway.

Fifteenth—The Company shall attach to each car run over the said railway proper fenders and wheel guards, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Sixteenth—All cars which are operated on said railway shall be heated during the cold weather in conformity with such laws and ordinances as are now in force or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Seventeenth—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by resolution of the Board.

Eighteenth—Cars on the said railway shall run at intervals of not more than thirty (30) minutes both day and night, and as much oftener as reasonable convenience of the public may require, or as may be directed by the Board.

Nineteenth—The Company, so long as it shall continue to use any of the tracks upon the streets, avenues and viaduct in or upon which said railway shall be constructed, shall cause to be watered at least three (3) times every twenty-four (24) hours when the temperature is above thirty-five (35) degrees Fahrenheit, the entire width of the streets, avenues and viaduct, except when the width of such streets, avenues and viaduct shall exceed sixty (60) feet between curblines, in which case the Company shall cause to be watered only sixty (60) feet in width of such roadway, and the Company shall provide for such purpose at least one tank car, the capacity of which shall be sufficient to water such streets, avenues and viaduct in a satisfactory manner.

Twentieth—The Company shall at all times keep the streets, avenues and viaduct upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails, on either side thereof, free and clear from ice and snow; provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, enter into an agreement for each winter season or part thereof, to clean an equivalent amount of street surface from house line to house line.

Twenty-first—As long as said railway, or any portion thereof, remains in any street or avenue, or upon the viaduct, the Company shall pave and keep in permanent repair that portion of the surface of the street, avenue or viaduct in or upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe.

In case of the neglect of the Company to make pavement or repairs after the expiration of thirty (30) days' notice to do so from the President of the Borough of Manhattan, said President may make the same at the expense of the Company. And the City shall have the right to change the material or character of the pavement of any street or avenue or of the viaduct, and in that event the Company shall be bound to replace such pavement in the manner directed by the proper City official, at its own expense, and the provisions as to repairs herein contained shall apply to such renewed or altered pavement.

Twenty-second—Any alteration to the sewerage or drainage systems, or to any other subsurface or to any surface structures in the streets or upon the viaduct, required on account of the construction or operation of the railway, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Twenty-third—It is agreed that the right hereby granted to operate a street surface railway shall not be in preference or in hindrance to public work of the City, and should the said railway in any way interfere with the construction of public works in the streets and avenues or upon the viaduct, whether the same is done by the City directly or by a contractor for the City, the Company shall, at its own expense, protect or move the tracks and appurtenances in the manner directed by the City officials having jurisdiction over such public work.

Twenty-fourth—Should the grades or lines of the streets and avenues in which the railway is hereby authorized be changed at any time after the railway has been constructed and during the term of this contract, the Company shall, at its own expense, change its tracks and appurtenances to conform with such new grades and lines, and during the construction of any public improvement upon said streets, avenues and viaduct the Company shall take care of and protect the tracks and appurtenances at its own expense, all to be done subject to the direction of the City official having jurisdiction over the construction of such change.

Twenty-fifth—Upon one (1) year's notice from the Board the Company shall, if the Board shall so determine by resolution, cease the operation of the stub-end terminal at 155th street and Broadway and shall within sixty (60) days from the date of such notice make application to the Board for the right to construct, maintain and operate a loop terminal upon streets to be designated by the Board, and shall on or before the expiration of said one (1) year enter into a contract for such loop terminal in substitution for the stub-end terminal hereby authorized.

Twenty-sixth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries.

—and such other information in regard to the business of the Company as may be required by the Board.

Twenty-seventh—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts, the total miles in operation within the limits of the City and the miles of railway constructed and operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-eighth—In case of any violation or breach or failure to comply with any of the provisions herein contained or with any orders of the Board acting under the powers herein reserved, the franchise or consent herein granted may be forfeited by a suit brought by the Corporation Counsel on notice of ten (10) days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railway constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Twenty-ninth—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250) as fixed or liquidated damages, or the Board, in case such structures or equipment which may affect the surface of the streets or viaduct shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Thirtieth—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirty-first—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of two thousand dollars ($2,000), either in money or securities, to be approved by him, which sum, together with any and all sums of money or any securities heretofore deposited with the Comptroller by the Company under and pursuant to franchises heretofore granted to it by the City for the faithful performance by the Company of the several franchises so granted, shall form a fund for the performance by the Company of all of the terms and conditions of this contract and compliance with all orders of the Board acting under the powers herein reserved, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed, the repairs of the street and viaduct pavement, the removal of snow and ice and the quality of construction of the railway and the maintenance of the property in good condition throughout the whole term of this contract, and in case of default in the performance by the Company of such terms and conditions or compliance with such orders, or either or any of them, the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten (10) days' notice to the Company; or in case of failure to observe the said term and conditions of this contract and orders of the Board hereunder, relating to the headway, heating and lighting of cars, fenders, wheel-guards and watering of street pavements, the Company shall pay a penalty of fifty dollars ($50) per day for each day of violation, and the further sum of ten dollars ($10) per day for each car that shall not be properly heated, lighted or supplied with fenders or wheel-guards, in case of a violation of the provisions relating to those matters.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall, upon ten (10) days' notice in writing, pay to the City a sum sufficient to restore said security fund to the original amount, and in default thereof this contract shall be cancelled and annulled at the option of the Board, acting on behalf of the City. No action or proceeding or right under the provisions of

this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Thirty-second—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Thirty-third—The words "streets or avenues" and "streets and avenues," wherever used in this contract, shall be deemed to mean "streets, avenues, highways, parkways, driveways, concourses, boulevards, bridges, viaducts, tunnels, public places or any other property to which the City has title or over which the public has an easement," encountered in the route hereinabove described, and upon or in which authority is hereby given to the Company to construct a railway.

Thirty-fourth—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then and in such cases such other Board, authority, officer or officers shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or offices.

Section 3. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission, under the laws of the State of New York.

Section 4. This grant is also upon the further and express condition that the provisions of article 5 and the other provisions of the Railroad Law pertinent hereto shall be strictly complied with by the Company.

Section 5. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms and conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,
By....., Mayor.

[CORPORATE SEAL.]
Attest:
....., City Clerk.

UNION RAILWAY COMPANY OF NEW YORK CITY,
By....., Receiver.
By....., President.

[SEAL]
Attest:
....., Secretary.

(Here add acknowledgments.)

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—13.

Negative—The President of the Board of Aldermen—3.

Second Avenue Railroad Company.

In the matter of the abandonment of certain unexercised rights and unused tracks and franchises.

At the meting of April 27, 1911, a communication was received from the Public Service Commission for the First District, transmitting certified copy of an order adopted by said Commission April 18, 1911, directing a hearing on April 28, 1911, upon the application of this Company, for the approval of the abandonment of portions of its route, under section 184 of the Railroad Law.

At the same meeting a report was received from the Division of Franchises, approved by the Chief Engineer, stating the application of the Company did not include four of the portions of the Company's route specified in resolutions adopted by this Board January 5, 1911, directing the Company to take the necessary steps to legally abandon same, and by resolution duly adopted the Corporation Counsel was directed to represent the City in the proceedings before the Commission and use every effort to cause such tracks to be included.

The Secretary presented the following:

Law Department, Office of the Corporation Counsel, New York, May 4, 1911.

To the Board of Estimate and Apportionment:

Sirs—A communication has been received from you dated April 27, 1911, enclosing a report signed by Harry P. Nichols, Esq., Engineer in Charge, Division of Franchises. Enclosed in such communication was a certified copy of a resolution adopted by your Board on April 27, 1911, which resolution directed the Corporation Counsel to represent the City on the hearings on the application of the Receiver of the Second Avenue Railroad Company to the Public Service Commission for the permission of that body to abandon certain of its franchises and to use his best efforts to have included in the said abandonment proceedings certain additional routes and tracks.

I beg to inform you that this office was represented at the first hearing held upon the said application on April 28, 1911, and the recommendation of your Board was duly presented to the Commission.

Receiver Lynch was subjected to a very comprehensive cross-examination by the representative of the Department, as a result of which it was clearly shown that the four additional tracks covered by the resolution of your Board are not in use to-day, and apparently will be of no possible use in the future. Receiver Lynch finally admitted that as far as he was concerned he believed that these tracks should be abandoned and promised to make such a recommendation to the President of the Second Avenue Railroad Company and to submit his reply to the Commission at its next hearing on this application. I will inform you later as to the attitude taken by the President of the Company on this request. Respectfully yours,

GEORGE L. STERLING, Acting Corporation Counsel.

Which was ordered filed.

Nassau Electric Railroad Company.

In the matter of the franchise to the Nassau Electric Railroad Company to construct, maintain and operate a loop terminal at the intersection of Flatbush, 4th and Atlantic avenues, Borough of Brooklyn.

By resolution adopted by this Board March 2, 1911, approved by the Mayor March 7, 1911, his Honor the Mayor was authorized to execute and deliver the contract granting this franchise.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, May 3, 1911.

Report F-101. May 3, 1911.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—The Board of Estimate and Apportionment authorized, on March 2, 1911, a contract for the grant of a franchise to the Nassau Electric Railroad Company, covering the loop terminal which it had previously constructed at the intersection of Flatbush, 4th and Atlantic avenues, Borough of Brooklyn. Accompanying the contract was a supplementary agreement to be executed by the Brooklyn City Railroad Company, Brooklyn Heights Railroad Company and the Nassau Electric Railroad Company, agreeing with the City to permit the use of a certain piece of track by the several companies.

The form of contract and supplementary agreement were submitted to the Nassau Company, and it appears that the Brooklyn City Company declined to execute the agreement, upon the grounds that it was not sufficiently clear and might be subsequently construed to mean that the Brooklyn City Company waived rights on Flatbush avenue other than the small piece of track intended and so described in the agreement.

Mr. Edward M. Shepard, counsel for the Brooklyn City Company, has therefore suggested that a further supplementary agreement be authorized by the Board, which will, to his mind, more clearly define the situation, and he has submitted a draft of such agreement in interpretation of the original contract and supplementary agreement, with the request that it be approved by the Board and its execution authorized. This has been submitted to the Corporation Counsel for his approval as to form and he now returns it, so approved and with the opinion that it will be unnecessary to advertise such agreement or to in any way follow the procedure adopted in the case of the original contract.

I would therefore suggest that the Board approve the second supplementary agreement and authorize its execution, when the entire matter can be closed and the contract with the Nassau Company completed. Respectfully,

HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

Law Department, Office of the Corporation Counsel, New York, April 28, 1911.

Board of Estimate and Apportionment, New York City:

Sirs—I have received a communication from you, dated April 25, 1911, signed by Harry P. Nichols, Engineer in Charge, Division of Franchises. I have reviewed the procedure followed by your Board in authorizing the agreement which supplemented the original franchise contract grant to the Nassau Electric Railroad Company, and beg to state such procedure was in all ways correct, and that, in my opinion, such modifying agreement will be just as effective as the principal agreement.

A further agreement is now proposed by the Brooklyn City Railroad Company to make clear the phraseology employed in the said supplementary agreement which counsel for said Railroad Company feared might be open to misconstruction. Inasmuch as the said supplementary agreement is only construed and neither it nor the original agreement in the slightest degree either amended or modified, in my opinion it will be unnecessary to follow the procedure adopted in the case of other agreements, and said agreement may therefore be authorized by a simple resolution of your Board, adopted without advertising or notice of any kind.

I herewith return to you draft of the proposed agreement, which has my approval as to form. Respectfully,

G. L. STERLING, Acting Corporation Counsel.

Shepard, Smith & Harkness, 128 Broadway, New York City, April 17, 1911.

GEORGE D. YEOMANS, Esq., 85 Clinton Street, Brooklyn, N. Y.:

Proposed Agreement—Brooklyn City Railroad Company with Brooklyn Heights, Nassau, and City of New York.

Dear Sir—Mr. Shepard has your telephonic message. He asks us to say that if the Corporation Counsel will render a formal opinion that the proposed modifying agreement, when adopted by the Board of Estimate, will be effective without the advertising procedure which was followed in the case of the principal agreement, and will also say that such advertising procedure, although followed in that case, was not necessary, Mr. Shepard will give the matter his best attention. He can, in no case, advise the agreement unless, beyond any reasonable doubt, it is made clear that the modifying agreement is just as effective as would be the principal agreement.

Yours truly, SHEPARD, SMITH & HARKNESS.

Brooklyn Rapid Transit Company, 85 Clinton Street, Brooklyn, N. Y., April 24, 1911.

HARRY P. NICHOLS, Esq., *Chief Engineer, Bureau of Franchises,* 277 Broadway, New York City:

Dear Mr. Nichols—I herewith enclose opinion of Mr. Shepard, showing why he will not approve for execution the agreement between the Brooklyn City Railroad Company, the Brooklyn Heights Railroad Company and the Nassau Electric Railroad Company for operating a small portion of the Brooklyn City track on Flatbush avenue, near Atlantic avenue. Also Mr. Shepard's letter to me of April 17, in which he states that if Corporation Counsel Burr will render an opinion that it was unnecessary to advertise the Brooklyn City agreement and the proposed agreement defining certain terms of the Brooklyn City agreement (a copy of which I herewith send you), that he will practically approve of the Brooklyn City agreement.

I also return to you the two copies of the form of agreement between The City of New York and the Nassau Electric Railroad Company for loop on Flatbush, 4th and Atlantic avenues.

If you will ask Corporation Counsel Burr at once for the opinion suggested by Mr. Shepard, it will expedite the closing up of this franchise matter.

Yours truly, G. D. YEOMANS, General Counsel.

The Brooklyn Heights Railroad Company, 85 Clinton Street, Brooklyn, N. Y., May 10, 1911.

Mr. HARRY P. NICHOLS, *Engineer, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—I herewith send you a copy of a letter I received last night from the Secretary and Treasurer of the Brooklyn City Railroad Company, which states that Mr. Shepard will not let the Company sign the proposed agreement for the reasons stated therein. I have written a letter to the Secretary and Treasurer of said Railroad Company, a copy of which I send to you and, as you will see, this necessitates my taking the matter up again with Mr. Shepard before formal action is taken by the Board of Estimate and Apportionment.

I am sending this by messenger so that the matter can go over to-morrow.

Yours truly, GEORGE D. YEOMANS, General Counsel.

The matter was then laid over until May 25, 1911.

Long Island Railroad Company.

A petition was received from the Long Island Railroad Company for the consent of the Board to the construction of station platforms at Railroad avenue, Borough of Brooklyn, and at Union Course and Woodhaven, Borough of Queens, pursuant to order of the Public Service Commission for the First District.

Which was referred to the Chief Engineer.

The Barta Publicity Column Company.

The Secretary presented the following:

Barta Publicity Column Company, Decker Building, 33 Union square (West), New York City, May 1, 1911.

To his Honor, the Mayor of New York City, WM. J. GAYNOR, Esq., City Hall, New York City, N. Y.:

Sir—We beg to apply for a franchise to enable us to place a number of the Barta Combined Information Column and Vending Machines in convenient places throughout The City of New York (offering them free of cost and with free maintenance to the municipal authorities), and in making application realize that acceptance must be based upon certain considerations in the public interest. The principal points are:

1. That the columns are of ample value and convenience to the public.
2. That their appearance is such as to make them ornaments to the City streets and public places; and
3. That their shape and size are no impediment to traffic.

1. Each column is especially prepared for the locality in which it is intended to be placed; has ample space for publication of official, local and general information specially compiled to meet local requirements.

For instance, it gives the location of the nearest ambulances, banks, churches, dispensaries, express companies, ferries, fire stations, hospitals, libraries, magistrates' and municipal courts, police station, post-office, public schools, repair garage for automobiles, taxicab station, telegraph office, telephone pay-station, theatres, etc.

It is a reliable guide to near-by places of private and public interest, such as art galleries, museums, parks, public squares, public gardens, etc., as well as historical houses, scenes of patriotic and historical events, etc., which are in danger of being overlooked or forgotten in the wonderfully rapid growth of the City, whereby old buildings are being torn down to make room for office and business buildings.

It will display announcements or bulletins from the Board of Health, the Board of Education and other public bodies. There are many announcements of this nature that ought to be made in the public interest. Its presence near places of congested traffic relieves Policemen on duty from the task of answering many inquiries, and enables them to give undivided attention to their proper duties.

The vending apparatus is controlled by a simple (patented) mechanism which cannot possibly get out of order. On panel 1, colored postal cards of original design (specially manufactured for the Company) are vended at one cent each, of the quality usually sold at the rate of two for five cents, are made from *original* photographs consisting of scenes and pictures in and around New York, and help to advertise the City and its attractions. The column holds a stock of four hundred (400) original postal cards, comprising thirty-six (36) different varieties, all of which can be easily inspected. (The Barta Automatic Vending Machine is the only apparatus of its kind in the world which permits inspection and selection of a card before purchased.)

From two (2) *panels* of each column, one-cent postage stamps are vended auto-

matically at one cent each. From one panel of each column sheets of high-grade notepaper, enclosed in envelope to match, are vended automatically at one cent for both.

There are four (4) writing pads or tablets to draw out (are automatically pulled back after use), affording accommodations for a person to write.

2. The Barta Column is constructed from a handsome design, which has met with universal approval. It is made of the finest and most suitable materials throughout, and constructed entirely of metal.

All of the reading matter is etched on brass, either silver letters on a black background, or copper letters on a black background, and the whole column is finished in best style with wide strips of highly polished nickel dividing the various branches of information. It can be made revolving or fixed.

The Company claims that its column is an artistic device for publishing in perfectly good taste particulars of the varied local attractions of the City, and at the same time disseminating useful and necessary information to the public.

3. The octagon is found to be the most convenient shape for a column of this character, affording a maximum surface for display of information with a minimum space occupied.

It is six (6) feet high, and the reading matter ends about five (5) feet eight (8) inches from the ground. The main body of the column is nineteen inches in diameter and the diameter of the base fourteen inches. The column is mounted on a strong iron pedestal, securely fastened to the ground.

The Company guarantees to properly maintain the column, both as regards official, local and general information, at a high point of efficiency, to change or alter same as required, and to keep an adequate stock of postal cards, postage stamps and writing paper (with envelopes) ready for sale. They also agree to repaint or re-enamel the column when necessary, and to make good any possible damage to sidewalks, etc., arising from fastening down the columns or otherwise.

The Company will cheerfully carry out any suggestions that the municipal authorities wish to make in connection with the column with a view of rendering it more useful to the general public. The Barta Column has been submitted to the Municipal Art Society of New York, and at its suggestion is now being exhibited at the National Arts Club, where it has excited general interest.

The Barta Company sincerely believes that a number of its columns, placed throughout the City, would (in addition to being reliable local guides) reveal to residents and visitors alike the valuable public resources of The City of New York, and that all classes of the public would appreciate the information and conveniences which the column furnishes.

Trusting that our application may have your Honor's favorable consideration and endorsement, we are, Yours faithfully,

THE BARTA PUBLICITY COLUMN COMPANY. GEORGE C. DUSART, President, per RUDOLPH BARTA.

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, May 4, 1911.

Report F-288.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—The Barta Publicity Column Company, in a petition dated May 1, 1911, has applied for permission to install, maintain and use its vending apparatus throughout the City for the sale of postal cards, postage stamps, writing paper and envelopes. The petition states the vending machines are six feet high and their main bodies nineteen inches in diameter, and are to be installed on the sidewalks. The machines are octagonal in shape and in addition to offering for sale the articles above mentioned, will give the location of various buildings, courts and schools and contain bulletins of public bodies, besides sundry other information.

This is the first application of this character presented to the Board. In 1909, the New York Centadrink Company was granted permission to install, maintain and use automatic drinking water fountains *under the stairways of the stations of the several elevated railroads* within the Boroughs of Manhattan, Brooklyn and The Bronx. This grant was opposed by the Newsdealers Association, which cited chapter 718 of the Laws of 1896, amending the Consolidation Act, section 86, which authorized the Common Counsel "to grant permits for the erection of booths and stands in or on the space immediately underneath the steps of stairs leading to and from the elevated railroad stations and within the curbline for the sale of newspapers and periodicals."

The Corporation Counsel in an opinion dated June 24, 1909, stated:

"In my opinion this case (Pumpyansky vs. Keating, 168 N. Y. 390, upholding the Act of 1896) in itself is sufficient authority for the legal proposition that any use of the sidewalk for the carrying on of a private business outside of these portions so withdrawn from the public use would be an illegal and improper one.

"It is therefore clear to me that no fountain can legally be authorized on any portion of the sidewalk open to the passage of pedestrians and it is only in the space under the stairways, which would not be available for use as a street, that the operation of such fountains can be authorized, if at all."

From the foregoing opinion it appears the Board is without authority to make such grant unless the machines are installed in the spaces under the stairs of the elevated railroads. As these spaces are being generally utilized by either the newsdealers or the Centadrink Company, I feel it would be inadvisable to permit the installation of additional machines of any character for private gain.

I would therefore recommend that the petition be denied. Should the Board see fit to take this action, I have prepared a resolution, which I transmit herewith, carrying this recommendation into effect. Respectfully,

HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

At the request of Martin B. Cohn, who appeared on behalf of the Company, action was deferred until May 25, 1911.

New York, Westchester and Boston Railway Company.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, May 3, 1911.

Report F-118.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—The New York, Westchester and Boston Railway Company, by a petition verified May 2, 1911, has applied to the Board of Estimate and Apportionment for certain amendments and modifications in the franchise granted said Company by ordinance of the Board of Aldermen approved by the Mayor August 2, 1904, as amended by resolution of the Board of Estimate and Apportionment, approved July 21, 1905, and further amended by contract dated January 29, 1909. The requested amendments or modifications are as follows:

First—That the description of the main line as contained in the amended contract of January 29, 1909, be further amended by changing said description from a point at or near 174th street to a point at or near the intersection of White Plains road and Sagamore street.

Second—That the description of the branch line contained in said amended contract of January 29, 1909, be further amended by changing said description between a point at or near the intersection of said branch line with Tremont avenue or East 177th street and a point in Bronx Park avenue, between Chanute avenue and Craighill avenue.

Third—That the route of the connection with the existing subway elevated route of the Interborough Rapid Transit Company on Boston road, authorized by the contract of January 29, 1909, be amended by substituting therefor a route to the north of the present one.

Fourth—That Section 2, Ninth, of the ordinance of August 2, 1904, which provides that any superstructure of the railway crossing a street and having a length of seventy-five feet or less shall be constructed in a single span and that the width of such superstructure of the railway shall not exceed sixty feet when measured over all, be amended by permitting superstructures of a greater width than sixty feet at nine points designated in the petition and by further providing that at three designated points platforms and a station may be constructed across certain streets within the width of the increased superstructure.

The Company has pending before the Board a petition for other amendments to its franchise, namely, for an extension of time of one year from August 2, 1911, for the completion of its railroad between 174th street and the northerly boundary line of the City and for permission to operate by steam locomotive power for a period of one year from September 1, 1911. This petition was presented to the Board at its meeting of March 16 and a public hearing held thereon April 27, 1911, at the conclusion of which it was referred back to the Chief Engineer.

As both the petition upon which the public hearing has been held and the one now presented to the Board are for modifications of the same contract, it appears desirable that they should be considered together, and that further action in relation to the first of these petitions be withheld until such time as the two petitions can be considered and reported upon jointly. It is suggested that the Board adopt a resolution fixing May 25, 1911, as the date for the preliminary public hearing upon the new petition and requesting the Mayor to designate newspapers in which the petition and notice of hearing shall be published, pursuant to law.

A resolution to this effect is herewith transmitted. Respectfully,

HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

To the Board of Estimate and Apportionment:

The petition of New York, Westchester and Boston Railway Company respectfully shows as follows:

That your petitioner is a railroad corporation of the State of New York and is engaged in constructing its railroad in The City of New York, in accordance with a certain ordinance adopted by the Board of Aldermen on the 26th day of July, 1904, and approved by the Mayor on August 2, 1904, granting to your petitioner the right to cross streets, avenues and public places as therein specified, which ordinance was subsequently amended by a contract between the New York, Westchester and Boston Railway Company and The City of New York, dated January 29, 1909.

That in and by the said contract dated January 29, 1909, the entire route of your petitioner, as therein amended, was set forth in full.

That on the 10th day of December, 1910, the Board of Directors of your petitioner, for the purpose of improving the line of the railroad, by affirmative vote of two-thirds, at a meeting duly called and held in the manner provided by law, adopted a change of route of a portion of its main line and of its branch line in The City of New York so that the same should be in accordance with a certain map thereupon adopted by the said Board of Directors, entitled: "Map and profile of New York, Westchester and Boston Railway for New York County, New York, part of Sections 1, 2 and 3, December 10, 1910, being map and profile of that part of the route of the main line of said Railway Company within said County; extending from a point between Ludlow avenue and Westchester avenue, east of Whitlock avenue, in the Borough of The Bronx, City of New York, to a point in White Plains road near its intersection with Sagamore street, in said Borough and City; and map and profile of that part of the route of the branch line of said Railway Company within said County, extending from a point in 177th street between Van Nest avenue and Berrian street in said Borough and City to a point in Bronx Park avenue between Chanute avenue and Craighill avenue in said Borough and City. All as altered, changed, amended and adopted by affirmative vote of two-thirds of all the Directors of the said Company on the 10th day of December, 1910. E. J. Langford, Chief Engineer, New York, Westchester and Boston Railway Company."

That subsequently thereto your petitioner applied to the Public Service Commission for the First District for leave to exercise its right to change its route within the said County in accordance with the map so adopted and that the said Public Service Commission for the First District, by an order dated April 25, 1911, approved and authorized the exercise of the right by your petitioner to make such alteration and change and to adopt such amended route.

That on May 1, 1911, your petitoner duly filed in the office of the County Clerk of New York County the said map and profile, together with a certified copy of the order of the Public Service Commission for the First District approving the said alteration and change. A copy of the said map is submitted herewith, marked Exhibit A.

That your petitioner, by the contract dated January 29, 1909, was permitted to make a connection with the Interborough Rapid Transit route at or near West Farms road. That your petitioner, in order to improve such route, desires to change the same as hereinafter set forth.

That it is the purpose and intention of your petitioner to construct north of Lebanon street and across Lebanon street and 180th street, Adams street and Berrian street, a central station for the accommodation of its trains and the trains running over the connection with the Interborough, and also allowing room enough for the introduction of the Broadway-Lexington Avenue Road in case it should be extended up to this point, together with the trains of your petitioner's Throgg's Neck Branch.

That the proposed plan will require the crossing of the streets named at a width in excess of 60 feet, which is the limitation imposed by the franchise in regard to the crossing of streets.

That submitted herewith is a map marked Exhibit B, showing that portion of the amended route shown in Plan A, between 177th street and Unionport road, and showing the proposed width of your petitioner's road across the streets between the said two points, and also showing a proposed amendment to the connection between your petitioner's railroad and the terminus of the Interborough Rapid Transit Company near 180th street.

Wherefore, your petitioner prays that your honorable Board will amend the said ordinance granting a franchise to your petitioner adopted by the Board of Aldermen on July 26, 1904, approved by the Mayor August 2, 1904, as amended by the contract between your petitioner and The City of New York, dated January 29, 1909, in the following respects:

(1) The description of the route of your petitioner's railroad with reference to that part thereof extending from 174th street to Adams street shall be as follows:

* * * thence crossing 174th street and Van Nest avenue, between Devoe avenue and the Harlem River and Port Chester Railroad; thence running northeasterly and crossing an unnamed street between Devoe avenue and Van Nest avenue; thence crossing 177th street at its junction with Berrian street (or Bronx Park avenue); and thence crossing Wyatt street, 178th street, Walker avenue (or West Farms road), Lebanon street, 180th street and Adams street, between Morris Park avenue and Berrian street (or Bronx Park avenue);

—and the description of the beginning of the branch line shall be as follows:

Beginning at a point on the main line near its intersection with Tremont avenue (East 177th street); thence running southerly, crossing an unnamed street between Devoe avenue and Van Nest avenue;

—all be as shown on the map entitled: "Map and profile of New York, Westchester and Boston Railway for New York County, New York, part of Sections 1, 2 and 3," dated December 10, 1910, adopted by the Board of Directors of said Company on the 10th day of December, 1910, which map and profile were filed in the office of the County Clerk of the County of New York on the 1st day of May, 1911.

(2) That the connection with the present subway elevated route permitted by your Board in the said contract dated January 29, 1909, be amended so that the same shall read as follows:

In Connection with the Present Subway Elevated Route (Interborough Rapid Transit Company).

Beginning at a point on the main line of the New York, Westchester and Boston Railway Company at or near Adams street; thence running southwesterly, crossing 180th street, between Morris Park avenue and Berrian street (or Bronx Park avenue); thence crossing Berrian street and Lebanon street at or near their intersection; thence crossing 179th street and Devoe avenue, at or near their intersection; thence crossing Bronx street, between Clover street and Walker avenue; and thence to a connection with the Interborough Rapid Transit Railroad on Boston road, between Clover street and Walker avenue.

(3) That subdivision ninth of section 2 of the ordinance adopted July 26, 1904, be amended so that the same shall read as follows:

"Ninth—Any superstructure of the railway crossing a street and having a length of 75 feet or less, shall be constructed in a single span. If more than 75 feet in length, any intermediate columns to support the superstructure may be placed in the street in such a manner as may be approved. The width of such superstructure of the railway shall not exceed 60 feet when measured over all except that the width of such superstructures at the following streets may be as herein designated:

		Feet.
(1)	Unnamed street, between 174th and 177th streets	70
(2)	177th street	70
(3)	Lebanon street, between Berrian street and Morris Park avenue	100
(4)	180th street	281
(5)	Adams street	277
(6)	Berrian street, between Bronx Park and Morris Park avenue	250
(7)	Berrian street, between 180th street and Lebanon street	215
(8)	Lebanon street, between Berrian street and Devoe avenue	195
(9)	Unionport road	140

"And further provided that at 180th street, Adams street and Berrian street, platforms and a station may be constructed across the said streets within the width of the superstructure above designated."

NEW YORK, WESTCHESTER AND BOSTON RAILWAY COMPANY,
By L. S. MILLER, President.

State of New York, County of New York, ss.:

Leverett S. Miller, being duly sworn, deposes and says that he is President of New York, Westchester and Boston Railway Company, the petitioner named in the foregoing petition; that he has read said petition and knows the contents thereof, and that the same is true to his knowledge, except as to the matters therein stated to be alleged upon information and belief, and that as to those matters he believes it to be true.

LEVERETT S. MILLER.

Sworn to before me this 2d day of May, 1911.

JAMES J. DWYER, Notary Public, Kings County, Certificate filed in N. Y. Co. Registrar's No. 2175.

(Notarial Seal.)

The following was offered:

Whereas, The foregoing petition from New York, Westchester and Boston Railway Company, verified May 2, 1911, was presented to the Board of Estimate and Apportionment at a meeting held May 11, 1911.

Resolved, That, in pursuance of law, this Board sets Thursday, the 25th day of May, 1911, at 10.30 o'clock in the forenoon, and Room 16 in the City Hall, Borough of Manhattan, as the time and place when and where such petition shall be first considered and a public hearing be had thereon, at which citizens shall be entitled to appear and be heard; and be it further

Resolved, That the Secretary is directed to cause such petition and these resolutions to be published for at least two (2) days in two daily newspapers in The City of New York, to be designated by the Mayor, and for at least ten (10) days in the CITY RECORD immediately prior to such date of public hearing. The expense of such publication to be borne by the petitioner.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The petition was then referred to the Chief Engineer.

Communications from the Mayor's Office.

Communications were received from the Mayor's office, returning duly approved by his Honor the Mayor on April 28, 1911, resolutions adopted by this Board April 27, 1911, as follows:

(a). Granting the New York and North Shore Traction Company a modification of the contract dated February 1, 1909, granting said Company a franchise to construct, maintain and operate a street surface railway from Bayside to Flushing, Borough of Queens, by eliminating from said contract the portion of the route on Broadway, Bayside, from 10th street to Bell avenue.

(b). Granting Chas. Pfizer & Co. (Inc.) permission to install, maintain and use a 16-inch pipe under and across Gerry street, at a point 162 feet 6 inches west of Harrison avenue, Borough of Brooklyn, connecting properties of the grantee on opposite sides of said street.

(c). Revoking consent granted to Chas. Pfizer & Co., by resolution adopted by the Board of Aldermen April 14, 1884, permitting said Company to lay a pipe across Flushing avenue, Borough of Brooklyn.

(d) Granting permission to the New York Post-Graduate Medical School and Hospital to install, maintain and use a 3-inch iron pipe under and across East 20th street, at a point 127 feet east of the easterly line of 2d avenue, Borough of Manhattan, connecting the Hospital and the Nurses' Home, for the purpose of conveying electric current to the latter premises.

(e). Designating "The New York Press" and "The Morning Telegraph" as the daily newspapers in which the form of contract and notice of hearing thereon for the grant of a franchise to the Jay Street Connecting Railroad shall be published prior to the final hearing on June 8, 1911.

Which were ordered filed.

Eberhard Faber Pencil Company.

In the matter of the revocation of the consent granted to the Eberhard Faber Pencil Company by resolution adopted by the Board January 10, 1908, approved by the Mayor January 14, 1908, permitting said Company to install, maintain and use a 6-inch iron pipe, under and across Kent street, at a point 80 feet east of West street, Borough of Brooklyn.

This consent was rescinded by resolution adopted by the Board April 13, 1911, approved by the Mayor on the same day.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, May 4, 1911.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—By resolution adopted by the Board of Estimate and Apportionment April 13, 1911, approved by the Mayor on the same day, the consent granted to the Eberhard Faber Pencil Company by resolution adopted by the Board January 10, 1908, approved by the Mayor January 14, 1908, permitting said Company to install, maintain and use a 6-inch iron pipe under and across Kent street, at a point about 80 feet east of the easterly line of West street, Borough of Brooklyn, was rescinded.

The resolution of April 13, 1911, provided in part as follows:

"That this resolution shall not become effective unless and until said Eberhard Faber Pencil Company shall execute an instrument in writing releasing The City of New York from any and all claims of any kind, character or description whatsoever, held or claimed to be held under the terms and conditions of the aforesaid consent, and agreeing to quit-claim, waive and surrender any and all rights and privileges in and upon said Kent street, Borough of Brooklyn, held or claimed to be held under and by virtue of said consent and file the same with the Board of Estimate and Apportionment, and in said instrument said Company shall further agree to entirely remove the said pipe from within the lines of said Kent street upon demand by the Board of Estimate and Apportionment."

Under and pursuant to the above quoted section, the Company presented an agreement dated April 24, 1911. This agreement has been approved as to form by the Corporation Counsel and returned to this office with a communication dated April 28, 1911.

The Departments interested, likewise the grantee, have been furnished with certified copies of the approved resolution, and the grant is now null and void.

Respectfully, HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

Which was ordered filed.

Long Island Railroad Company.

In the matter of the side-track or switch maintained by the Long Island Railroad Company in Range avenue, Creedmoor, Borough of Queens.

At the meeting of February 18, 1910, the Corporation Counsel advised the Board that the City had an easement over Bullet street, Range avenue and Powder street, where this track was maintained, and he had advised the President of Queens that the Company was operating said track without authority and it was his duty to remove same, when action would be brought to recover the sum of $100, fixed by the Board as the proper amount for past use and occupation.

At the meeting of September 30, 1910, a communication was received from the President of the Borough of Queens, stating the State Commission in Lunacy held that the State owned the right of way in which the tracks were constructed, and the only persons who had a right to complain were the abutting property owners.

A report was also received from the Division of Franchises, approved by the Chief Engineer, relative to the matter, and the Corporation Counsel was requested to consider this communication in conjunction with proceedings he was about to commence.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, May 1, 1911.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—This Division is in receipt of a communication dated April 14, 1911, and signed by Mr. Walter H. Bunn, Commissioner of Public Works and Acting President, Borough of Queens, advising that the Superintendent of Highways of that Borough had caused to be removed the railroad tracks from Bullet street, from a point west of Range avenue and thence easterly on Bullet street on a curve to Range avenue and then through the centre walk or park on Range avenue to Powder street, Creedmoor. This communication states that the total cost of removing this track and restoring the pavement amounts to the sum of $208.50, and that in accordance with an opinion of the Corporation Counsel there was forwarded to his office for collection a statement of all costs. The track so removed was laid by the Long Island Railroad Company and has been the subject of consideration and discussion in the Minutes of the Board of Estimate and Apportionment for over two years. As the last mention of this matter is contained in the Minutes of the Board for September 30, 1910, I think it well to give a brief review of all the proceedings that have been had in order to show what led up to the removal of the track.

On November 20, 1908, an application from the Long Island Railroad Company to lay a temporary track on Range avenue, Creedmoor, Borough of Queens, in order to connect the tracks of that Company with the grounds of the Long Island State Hospital was presented to the Board and referred to the Chief Engineer. The purpose for which the track was to be laid was to allow the hauling of building material, etc., by the Long Island Railroad to the land acquired by the Long Island State Hospital under chapter 473 of the Laws of 1908. A form of resolution consenting to this construction was prepared by this Division and submitted to the Board at its meeting held December 18, 1908, when it was adopted and the same was later approved by the Mayor, as appears from the Minutes of January 8, 1909. It was believed at the time this resolution was prepared and presented that the same was acceptable to the Long Island Railroad Company, but the Company subsequently declined to accept the grant and at the meeting of January 8, 1909, on the application of J. Edward Swanstrom for the Long Island State Hospital, the matter was referred back to the Chief Engineer for consultation with the applicant. Several conferences were held and communications were exchanged between this Division and representatives of the Long Island Railroad Company and the Long Island State Hospital, but no result was reached, and on September 17, 1909, there was presented to the Board a report of this Division dated September 10, 1909, calling attention to the fact that although the Long Island Railroad Company had refused to accept the consent as drawn, the track had nevertheless been built by it. A resolution was thereupon adopted requiring the Company to pay one hundred dollars for use and occupation of the street on or before October 1, 1909, and to apply for proper authority before any use was made of this track. It appears, however, that payment of this sum was refused, as at the meeting held October 29, 1909, a communication from the Comptroller was presented transmitting a communication from the State Commission in Lunacy claiming that the City had no jurisdiction over the strip on which the track was laid and that such being the case the City would have no jurisdiction over the track laid therein.

At this same meeting there was also presented a report of this Division dated October 21, 1909, suggesting that the Corporation Counsel be requested to investigate this matter and if he found that the consent of the Board was necessary, to begin proceedings looking to the removal of the track and the collection of one hundred dollars for past use and occupation, which suggestion was adopted by the Board.

On February 2, 1910, the Corporation Counsel rendered his opinion presented at the meeting of February 18, 1910, holding that the claim that the City had no jurisdiction over this street was without legal foundation, and that he had advised the President of the Borough of Queens that the tracks were laid without authority and that it was his duty to remove the same. He stated that upon such removal he would bring an action for the cost thereof and for the one hundred dollars for past use and occupation, as fixed by the Board. The report of this Division, dated February 8, 1910, suggesting that the President of the Borough of Queens be requested to advise the Board upon the removal of the track was also presented and it was so ordered by the Board.

On September 30, 1910, however, a communication from the President of the Borough of Queens, dated September 21, 1910, and quoting a letter from the State Commissioners in Lunacy, holding that the State owned the "locus in quo" and that the only persons who had a right to object to the tracks were the abutting owners, was presented to the Board. This Division also reported calling attention to a letter of March 1, 1910, addressed to the President of the Borough of Queens by the Long Island Railroad Company, in which it was claimed that the tracks were not the property of that Company but the property of the State of New York, constructed for and paid for by the State Commissioners in Lunacy. The matter was then again referred to the Corporation Counsel.

In connection with the claim that the State owns the tracks, the Corporation Counsel has rendered a further opinion, dated December 9, 1910, in which he states:

"I do not see how these facts affect the main conclusion reached in my previous opinion to your Board of February 2, 1910, in which I held the City had jurisdiction over the street in question; that the said track was laid and operated without authority and that it was the duty of the Borough President to remove the same. * * * I know of no reason why the conveyance to the State of tracks laid without the permission of the City would give the State any better right than the company would have if it proposed to operate the track itself. If the actual operation of the railroad was by the State and not by the Long Island Railroad Company it may well be questioned whether the courts would entertain the bringing of a suit for the use and occupation of the City's street.

"In view of this complication, it would seem wise, in my opinion, for the City to rest content with the removal of this track from the street by the Borough President. Should it be desired, however, I could, of course, attempt to collect from the State. There being some doubt as to the right of the City to recover for the unauthorized right and occupation of a street, even from a private individual or corporation, I would prefer to test this question in the courts in a case where no other issue was involved."

Upon the receipt of this opinion in this Division, a communication was addressed to the President of the Borough of Queens, requesting to be advised whether the track had been removed, in order that this Division might be in a position to report to the Chief Engineer for the knowledge of the Board, and information was subsequently received that prompt attention to the removal of the track would be given as quickly as weather conditions would permit. This removal, of course, has now been done as first stated in this report.

Pursuant to the resolution of October 29, 1909, the Corporation Counsel is at present under the obligation imposed by this Board of taking steps to collect the sum of one hundred dollars for past use and occupation of Range avenue and states in his opinion of December 9, 1910, as above quoted, that he would prefer not to attempt to collect this money in the present case, in view of the complications which would arise. He has already been advised of the cost of the removal of the track, as before stated, and I would, therefore, suggest that the Board adopt a resolution revoking its said resolution of October 29, 1909, in order not to require the collection of the sum imposed for past use and occupation.

A form of resolution for this purpose is herewith submitted, together with the opinion of the Corporation Counsel, dated December 9, 1910, and the communication from the Commissioner of Public Works and Acting President of the Borough of Queens, dated April 14, 1911.

Respectfully, HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, This Board did at its meeting held October 29, 1909, adopt a resolution directing the Corporation Counsel to take steps to collect the sum of one hundred dollars for the use and occupation of Range avenue and Bullet street, Creedmoor, Borough of Queens, by a railroad track constructed by the Long Island Railroad Company; now, therefore, be it

Resolved, That the said resolution be and the same is hereby revoked and rescinded.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

Robert J. Collier.

In the matter of the consent granted to Robert J. Collier to install, maintain and use a 12-inch pipe under and across West 13th street, at a point about 110 feet east of Washington street, Borough of Manhattan.

This consent was granted by resolution adopted by this Board April 13, 1911, approved by the Mayor on the same day.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, May 4, 1911.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—By resolution adopted by the Board of Estimate and Apportionment April 13, 1911, approved by the Mayor on the same day, Robert J. Collier was granted permission to install, maintain and use a 12-inch pipe under and across West 13th street, at a point about 110 feet east of the easterly line of Washington street, Borough of Manhattan, connecting premises of the grantee on opposite sides of said street, and to be used for the conveyance of steam between said premises.

Section 15 of the consent provides as follows:

"This consent shall not become operative until said grantee shall duly execute an instrument in writing wherein said grantee shall promise, covenant and agree on his part to conform to, abide by and perform all the terms, and conditions and requirements of this consent fixed and contained, and file the same with the Board of Estimate and Apportionment of The City of New York, within thirty days after the approval of this consent by the Mayor."

Under and pursuant to the above quoted section the grantee presented an agreement dated April 21, 1911. This agreement has been approved as to form by the Corporation Counsel and returned to this office with a communication dated April 25, 1911.

The departments interested, likewise the grantee, have been furnished with certified copies of the approved resolution and the grant is now in full force and effect.

Respectfully, HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

Which was ordered filed.

New York Central and Hudson River Railroad Company.

An application was received from the New York Central and Hudson River Railroad Company for permission to change the location of the existing overhead footbridge at Kingsbridge station, and to construct a new span to serve as a connection with the Broadway bridge over the Harlem River, at a point about 5 feet east of the easterly abutment of the Broadway bridge, Borough of The Bronx.

Which was referred to the Chief Engineer.

Treasury Department, United States of America.

In the matter of the application of the Treasury Department, United States of America, for permission to construct, maintain and use a certain scale in the easterly sidewalk of Washington street, at a point about 30 feet north of the northerly line of Barrow street, Borough of Manhattan, on account of the great increase of public business of the United States Appraisers' Warehouse at Washington and Barrow streets.

This application was presented to the Board at the meeting of March 30, 1911, and referred to the Chief Engineer.

The Secretary presented the following:

Treasury Department, Office of the Supervising Architect, March 14, 1911.

The Board of Estimate and Apportionment, City of New York, (Division of Franchises, 277 Broadway, New York, N. Y.):

Sirs—The increase in the volume of business transacted in the United States Appraisers' Warehouse, New York, N. Y., makes it necessary to extend to the westward the present receiving and delivery platform on Barrow street, thus occupying the space where is now located, in a species of small interior court at southwesterly corner of building, the present coal-weighing scale. It is intended to relocate this scale in the existing driveway across easterly sidewalk of Washington street, twenty feet north of northerly line of Barrow street, all as shown by accompanying plan.

Acting for the United States Treasury Department, I have to request the consent of The City of New York, through its proper authorities, to relocate the said scale within the curb line, as shown by the said plan.

On Washington street, adjacent to this corner, there is but little traffic; the sidewalk is already crossed by a paved driveway, and the proposed scale would, in surface grade, correspond to elevation and location of present driveway, and be entirely within the limits thereof.

If the scale is relocated where desired, there would be no more interruption to passage of pedestrians along the Washington street sidewalk than at present, because teams bringing coal, etc., already cross this sidewalk on their way to and from the present scale, and at times, of necessity, are forced to stand for brief intervals in the little driveway heretofore named. Coal is usually received at the Appraisers' Warehouse on about seventeen days per month, at the rate of about ten loads per day when deliveries are made. Respectfully,

ALFRED BROOKS FRY, Chief Engineer and Superintendent, U. S. Public Buildings, New York, N. Y.

Board of Estimate and Apportionment, Division of Franchises, The City of New York, May 1, 1911.

Report No. F-169.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—Under date of January 4, 1911, Mr. Alfred Brooks Fry, Chief Engineer and Superintendent of United States Public Buildings, addressed a communication to this office reciting that on account of the great increase of public business at the United States Appraisers' Warehouse at Washington and Barrow streets, Borough of Manhattan, it has become necessary to remove a certain wagon scale now in existence within the warehouse and permission is desired to construct, maintain and use such a scale in the easterly sidewalk of Washington street at a point about 20 feet north of the northerly line of Barrow street.

As no consent for a similar structure has heretofore been granted by the Board of Estimate and Apportionment, the communication was forwarded to the President of the Borough of Manhattan and his attention called to the fact that so far as known the question of the right of the City to grant such a privilege had never been passed upon by the Law Department. The matter was referred to the Corporation Counsel by the Commissioner of Public Works, with a request to be advised whether the City has authority to grant such permission, and if so, by whom and in what manner such authority should be exercised, and in an opinion dated March 2, 1911, addressed to the Commissioner, the Corporation Counsel held that a permit from said official could not be properly issued for such a structure, but in the absence of an adverse determination by the Courts, the Board of Estimate and Apportionment could authorize the scale by means of a revocable license. A copy of this opinion was forwarded to me, and Mr. Fry was immediately notified that in view of the opinion a petition should be presented to the Board for permission to construct, maintain and use the scale.

Acting on behalf of the United States Treasury Department, Mr. Fry, as Chief Engineer and Superintendent of United States Public Buildings, New York, presented a petition dated March 14, 1911, to the Board of Estimate and Apportionment for permission to construct the scale. The petition recites that the scale is desired for the purpose of weighing loads of coal received at the warehouse on about seventeen days in each month at the rate of ten loads per day. At the point where it is proposed to locate the scale, the sidewalk is now crossed by a paved driveway a few inches below the elevation of the adjacent sidewalk and the proposed scale is to be constructed at the grade of such driveway.

At the meeting of the Board held March 30, 1911, the matter was referred to the Chief Engineer.

A copy of the application with accompanying plan was forwarded to the President of the Borough of Manhattan with a request that examinations be made by the various bureaus having jurisdiction with a view to ascertaining if there are any objections to the project or any particular conditions which should be incorporated in the form of consent heretofore used by the Board for private structures within the City streets, and a reply has been received stating that there are no objections to the proposed scale and no particular conditions necessary to be incorporated in the form of consent.

The customary examination by this Division failed to reveal any particular objection to the scale, with the exception of the occasional and temporary occupation of the sidewalk while a truck is being weighed, and that point was taken into consideration by the Corporation Counsel. Should the Board see fit to grant the requested permission, in accordance with the opinion, I would suggest that the consent be granted only at the pleasure of the Board and in no case to extend beyond a term of ten (10) years from the date of the approval of the consent by the Mayor and revocable upon sixty days' notice.

This is the first case of its character that has come before the Board, and no precedent has been established for the compensation for such privilege. However, the petitioner is a department of the United States Government, and I would therefore suggest that compensation for the privilege be fixed at the nominal sum of one dollar and the customary security deposit be waived.

A resolution granting the requested permission is herewith submitted for adoption; the said resolution being similar in form to those used by the Board in granting revocable consents for private structures within the City streets.

Respectfully, HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, Alfred Brooks Fry, acting for the United States Treasury Department, has presented a petition dated March 14, 1911, to the Board of Estimate and Apportionment for its consent to the installation, maintenance and use of a wagon scale within the sidewalk lines of Washington street, at a point 20 feet north of the northerly line of Barrow street, said scale to be used for the purpose of weighing coal for the United States Appraisers' Warehouse; now, therefore, be it

Resolved, That the consent of the corporation of The City of New York be and the same is hereby given to the Secretary of the Treasury on behalf of the United States Treasury Department to install, maintain and use a wagon scale between the building line and the easterly curb line of Washington street in front of the United States Appraisers' Warehouse, at a point about 20 feet north of the northerly line of Barrow street, said scale to be used for the purpose of weighing coal for the United States Appraisers' Warehouse, and for no other purpose, all as shown on the plan accompanying the application and entitled: "Plan showing proposed wagon scale across easterly side of Washington street, Borough of Manhattan, to accompany application dated March 14, 1911, of Alfred Brooks Fry, Chief Engineer and Superintendent of United States Public Buildings, New York, N. Y., in behalf of the United States Treasury Department, to the Board of Estimate and Apportionment, City of New York," and signed Alfred Brooks Fry, a copy of which is annexed hereto, and made a part hereof upon the following terms and conditions:

1. Said consent shall continue only during the pleasure of the Board of Estimate and Apportionment, or its successors in authority, and shall be revocable upon sixty (60) days' notice in writing to the said grantee, his successors or assigns, but in no case shall it extend beyond a term of ten (10) years from the date of the approval of this consent by the Mayor, and thereupon all rights of the said grantee, his successors or assigns in or under said Washington street by virtue of this consent shall cease and determine.

2. The said grantee, his successors or assigns, shall pay into the Treasury of The City of New York for the privilege hereby granted the sum of one dollar, on or before November 1, 1911.

3. Upon the removal of the United States Treasury Department from the said premises on Washington street, or upon the revocation or termination by limitation of this consent, the said grantee, his successors or assigns, shall at his own cost cause the scale to be removed and all that portion of the pavement, curb and sidewalk of Washington street affected by this permission to be restored to its proper and original condition, if required so to do by The City of New York or its duly authorized representatives. If the scale to be installed by the said grantee under this consent shall not be required to be removed, it is agreed that it shall become the property of The City of New York.

4. The consent hereby given is for exclusive use in the business carried on by the United States Appraisers' Warehouse, and shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title thereto or right, interest or property therein pass to or vest in any other person, firm or corporation whatsoever, either by the acts of the said grantee, his successors or assigns, or by operation of law, without the consent in writing of The City of New York, acting by the Board of Estimate and Apportionment or its successors in authority.

5. The said grantee shall pay the entire cost of:

(a) The installation, maintenance and removal of the scale.

(b) The protection of all surface and subsurface structures which shall in any way be disturbed by the installation or removal of the scale.

(c) All changes in sewers or other subsurface structures made necessary by the installation or removal of the scale, including the laying or relaying of pipes, conduits, sewers or other structures.

(d) The replacing or restoring of the pavement and curb and sidewalk in said street which may be disturbed during the installation or removal of said scale.

(e) Each and every item of the increased cost of the installation of any future substructures or repairs or alterations to any existing or future substructures caused by the presence of said scale under this consent.

(f) The inspection of all work during the installation or removal of the scale as herein provided, which may be required by the President of the Borough of Manhattan.

6. Before the construction or removal shall be begun the grantee shall obtain a permit to do the work from the President of the Borough of Manhattan. The grantee shall perform all the duties which may be imposed by said official as conditions of such permit, provided such conditions are not inconsistent with the provisions of this consent. The grantee shall submit to said official working plans, which shall include and show in detail the method of installation of the scale and the mode of protection or changes in all subsurface structures required by the installation or removal of the scale.

Upon the completion of the work the grantee shall furnish to the President of the Borough a plan of such character as he may direct, showing accurately and distinctly the location, size and type of construction and complete dimensions of the structure installed; also the location and dimensions of all substructures encountered during the progress of the work. The depth below the street surface of the new structures and substructures encountered must be shown; also their location with reference to the nearest curb line and the nearest curb line intersection.

7. If at any time it shall become necessary to repair or alter any substructure in said street, the City shall have the right to break through or remove all or any portion of the structure hereby authorized and the grantee shall pay to the City the expense incurred by such removal.

8. The said scale and any fixtures laid in connection therewith shall be constructed, maintained and operated subject to the supervision and control of the proper authorities of The City of New York. The said scale shall be open at all times to the inspection of all the authorities who have jurisdiction in such matters under the Charter of The City of New York.

9. This consent is subject to whatever right, title or interest the owners of abutting property or others may have in and to Washington street.

10. Said grantee shall be liable for all damages to persons or property, including the street and subsurface structures therein, by reason of the installation and operation or maintenance of said scale, and it is a condition of this consent that The City of New York assumes no liability to either person or property on account of the consent.

11. This consent is granted on the further and express condition that all laws or ordinances now in force, or which may hereafter be adopted, shall be strictly complied with.

12. Said grantee, his successors or assigns, shall commence the installation of said scale under this consent and complete the same within six months from the date of the approval of this consent by the Mayor, otherwise this consent shall be forfeited forthwith, and without any proceeding, either by law or otherwise, for that purpose; provided, however, that such time may be extended by the Board of Estimate and Apportionment for a period of not exceeding one month.

13. Said grantee shall give notice to the President of the Borough of Manhattan, in writing, of his intention to begin the work hereby authorized at least forty-eight hours before such work commences. The grantee shall also give to the Board of Estimate and Apportionment notice in writing of the date on which the work is

commenced and also the date on which the same is completed, not later than ten (10) days after such dates.

14. This consent shall not become operative until said grantee shall duly execute an instrument in writing, wherein said grantee shall promise, covenant and agree on his part to conform to and abide by and perform all the terms and conditions and requirements of this consent fixed and contained, and file the same with the Board of Estimate and Apportionment of The City of New York within three months after the approval of this consent by the Mayor.

And said grantee shall promise and agree in said instrument to hold The City of New York harmless from all damages to persons or property which may result from the construction, use, maintenance or operation of the scale hereby authorized.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

Cross, Austin and Ireland Lumber Company.

A communication was received from the Secretary of the Cross, Austin and Ireland Lumber Company, stating work was commenced on the installation of the conduit under Grand street, east of Stewart avenue, Borough of Brooklyn, connecting premises of the Company on opposite sides of said street, on April 24, 1911.

This consent was granted by resolution adopted by the Board March 30, 1911, approved by the Mayor April 6, 1911, and the notice is given in conformity with section 14 of the consent.

The communication was ordered filed.

Long Island Railroad Company.

In the matter of the application of the Long Island Railroad Company, for the right to occupy certain portions of the subsurface of Atlantic avenue, between Flatbush avenue and a point between Vanderbilt and Clinton avenues, Borough of Brooklyn, for the purpose of constructing side tracks and turnouts to its existing freight and passenger depots, and to occupy the subsurface of Vanderbilt avenue at its intersection with Atlantic avenue and Pacific street, for the purpose of enlarging its depressed freight yards.

At the meeting of March 2, 1911, a report was received from the Division of Franchises, approved by the Chief Engineer, stating the Company had requested certain amendments to the terms and conditions of the proposed consent as recommended by the Franchise Committee, as follows:

(a) By eliminating the area occupied by the wall of the passenger station at Hanson place, between Flatbush avenue and Fort Greene place.

(b) By eliminating the area occupied by the driveway and retaining wall on the northerly side of Pacific street, between Carlton and Vanderbilt avenues.

(c) By permitting the Company to maintain connections between the depressed tracks in Atlantic avenue and the passenger station, and on Atlantic and Carlton avenues, between the depressed tracks and the depressed freight yards.

The report recited, as to the first objection, that the Company was informed this was contrary to the recommendations of the Franchise Committee. As to the second, the Company was informed the Committee had recommended a deduction where the back of the wall encroached slightly on the street, but, as the entire retaning wall and a part of the driveway are outside of the property line, this area cannot be considered as coming within the recommendations of the Committee. The third objection of the Company seems fair, and the proposed consent was amended so as to permanently permit this connection as provided by the Atlantic Avenue Improvement Act.

Action was deferred until the meeting of March 30, 1911, when the matter was laid over until April 13, 1911, and referred to the President of the Board of Aldermen to confer with the General Solicitor for the Railroad Company, and Francis Gottsberger, who appeared in opposition.

At the meeting of April 13, 1911, action was deferred until April 27, 1911, when the matter was laid over until this day.

The matter was laid over awaiting the report of the President of the Board of Aldermen.

Third Avenue Bridge Company.

The Secretary presented the following:

Third Avenue Railroad Company, Frederick W. Whitridge, Receiver, 130th street and 3d avenue, New York, April 24, 1911.

Board of Estimate and Apportionment, New York City, N. Y.:

Gentlemen—By a contract dated December 31, 1909, made with The City of New York, the Third Avenue Bridge Company was authorized to construct a railroad in East 59th street and East 60th street, from 3d avenue to a connection with the Queensboro Bridge, with connections at such streets with the Third Avenue Railroad.

By a resolution of the Board, the time to complete the construction of the road in question under the contract was extended and as now shown by the report of your Engineer, will expire May 2, 1911. The Bridge Company has completed its road in the Borough of Manhattan, has operated a car thereover, and is now prepared to operate its road in the Borough of Manhattan. The franchise contract, however, provided for the operation of the cars of the Company upon two tracks upon the Queensboro Bridge and upon and along the easterly approach thereof and across the intersecting streets and avenues to the terminal at or near Jackson avenue in the Borough of Queens. The said contract provides also that the Company should pay to the City 4 per cent. per annum upon the cost of all tracks owned by the City and used by the Company upon the bridge approach in the Borough of Queens, between the entrance to the bridge and Jackson avenue.

The Bridge Company is advised that on or about the 9th day of March, 1911, the City entered into a contract with the firm of Snare & Triest, for the construction of the trolley tracks aforesaid on the said Queensboro approach, and that the work of constructing thereof is about commencing; that the said contract provided for the completion of the work in one hundred and fifty working days after the signing of the contract. The Bridge Company is authorized to operate its road by an underground trolley system which requires the use of electricity in conduits, and that without such conduit construction on the said Queensboro Bridge, it will be impossible for the Bridge Company to operate its cars upon and over said terminal and in the manner provided for in its contract with the City.

Such contract provides * * * when the completion of construction shall be prevented by works of public improvement or from other causes not within the control of the Company, the time for the commencement and completion of construction may be extended for a period of such prevention.

Your petitioner respectfully requests that by resolution of the Board, its time to operate cars upon and over its route referred to in said franchise contract be extended until the work upon the Queensboro Bridge and easterly approach thereto to be performed by the City shall have been sufficiently completed to enable the Company to run its cars over such work. Yours very truly,

THIRD AVENUE BRIDGE COMPANY, by EDWARD A. MAHER, General Manager.

Board of Estimate and Apportionment, The City of New York, Division of Franchises, Room 801, 277 Broadway, New York, May 3, 1911.

Report F-178.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—A communication under date of April 24, 1911, has been received from Mr. Edward A. Maher, General Manager of the Third Avenue Bridge Company, requesting that the Board of Estimate and Apportionment extend the time for the operation of the cars of said Company upon its route in East 59th and 60th streets, from 3d avenue to 2d avenue, Borough of Manhattan, and across the Queensboro Bridge, until certain work upon the bridge and the Queens plaza thereof shall be completed by the City.

By a contract dated December 31, 1909, the Third Avenue Bridge Company was authorized to construct, maintain and operate a street surface railway upon the above described route. Section 2, eighth, of this contract provided that construction of the railway should be commenced within three months from the date of obtaining the necessary property owners' consents and that the railway should be completed and in full operation within six months from the date of obtaining such consents. The requisite amount of property owners' consents were filed with the Board on May 2, 1910, and, pursuant to a recommendation contained in a report from this Division presented at the meeting of May 13, 1910, the dates for the commencement and completion of the railway were computed from the date of filing and fixed respectively at August 2 and November 2, 1910. By a resolution approved by the Mayor July 1, 1910, the Company was granted an extension of time of six months within which to commence the construction of its railway and an additional period of six months within which to complete such construction. As thus amended the time under the contract for the completion and putting in operation of the railway expired May 2, 1911. The section of the contract above referred to further provided that when the commencement or completion of construction should be prevented by works of public improvement or from causes not within the control of the Company, the time for the commencement or completion might be extended for the period of such prevention, but that in no case should such delay be deemed to have begun until the Company should have given written notice to the Board of the cause for the delay. The communication from the Company would therefore appear to be the formal notice required under this provision of the contract.

In a communication under date of April 5, 1911, this Division was advised by the Company that on the evening of April 1 a passenger car was operated under its own power from the entrance to the Queensboro Bridge along 60th street to 3d avenue down 3d avenue to 59th street and east on 59th street to the existing eastbound track on the southerly roadway of the bridge.

From examinations made by a representative of this Division on April 7 and May 3, it appears that on the former date the work of construction had sufficiently advanced to permit of the operation of a car, as above described, and that on the latter date all work in connection with the construction of the tracks of the Company in 59th and 60th streets, including connecting curves at 2d and 3d avenues, had been entirely completed and the only work remaining to be done was the restoring of a small amount of pavement at the intersections of 59th street with 3d and 2d avenues, and 60th street with 2d avenue. This work was under way at the time of the last inspection.

The Third Avenue Bridge Company is required by its contract with the City to operate its cars by the underground system of electricity and as the existing tracks on the Queensboro Bridge and the Queens plaza of said bridge were not equipped for such operation, the Department of Bridges on March 23, 1911, entered into a contract "for the installation of the electrical equipment of the conduit tracks and the construction of the track extension on the plaza of the Queensboro Bridge." This contract was certified by the Comptroller on March 29, 1911, and under its provisions the contractor is allowed 150 consecutive working days, or, approximately, to October 1, 1911, within which to complete the work, which includes a rearrangement of the existing tracks on the Queens plaza. The work under this contract has been commenced and is now under way on both the north and south roadways of the bridge. Apparently no work under the contract has as yet been commenced on the Queens plaza.

Section 3, fourth, of the contract granting the Company its franchise provides that the Company shall not operate cars upon the bridge until it shall have put in operation its railway in 59th and 60th streets.

From the foregoing it would appear that the Company has completed its work under the contract and is in a position to commence operation, but is prevented from so doing by reason of the tracks on the Queensboro Bridge and the Queens plaza not being readiness for such operation.

As it cannot be definitely determined at this writing when the work on the bridge and the plaza will be completed, it does not seem either advisable or necessary that a resolution extending the time for the commencement of operation should be adopted by the Board now but rather that the necessary resolution be adopted when the tracks on the bridge are ready for operation by the underground system.

It is suggested that the Commissioner of Bridges be requested to advise the Board when the work under the contract of his Department, above referred to, has been completed and operation of the cars of the Third Avenue Bridge Company over the bridge can be commenced. It is recommended that the communication from the Company be filed, with the understanding that the extension of time asked for will later be granted. Respectfully,

HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

The papers were thereupon ordered filed.

New York Central and Hudson River Railroad Company.

In the matter of the formulation of a plan for the future operation of trains of the New York Central and Hudson River Railroad Company along the west side of the City.

At the meeting of March 30, 1911, a report was received from the Committee of the Board, submitting a report from the Subcommittee of Engineers on the elimination of surface freight railroad tracks of the New York Central and Hudson River Railroad, with a general scheme of improving freight handling facilities of the Port of New York. Communications were also received from the Commissioner of Docks, a member of the Committee of the Board and from the minority member of the Subcommittee of the Board, expressing their view.

The Committee recommended approval of the plans and its adoption by the Board, and outlined a mode of procedure to carry the same into effect.

At the meeting of March 30, 1911, action was deferred until April 13, 1911, when the matter was laid over until April 27, 1911, and on that date was laid over until this day.

A communication was received from the Chamber of Commerce of the State of New York requesting action be deferred until full opportunity has been afforded for a thorough examination of the respective plans submitted.

The matter was laid over.

New York, New Haven and Hartford Railroad Company and Harlem River and Portchester Railroad Company.

A petition was received from the New York, New Haven and Hartford Railroad Company and the Harlem River and Portchester Railroad Company, for permission to construct, maintain and use three catenary bridges upon foundations, on property of the City, along the West Farms road, Borough of The Bronx, to support the wires necessitated by changing the motive power from steam to electricity.

Which was referred to the Chief Engineer.

Estate of John Wolfe.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Division of Franchises, April 7, 1911.

Mr. NELSON P. LEWIS, *Chief Engineer:*

Sir—In a communication dated January 24, 1911, the Comptroller advised me that in response to a demand for payment of the sum of forty-one dollars annual rental due to the City for the privilege of maintaining a pipe under and across William street, between Liberty street and Maiden lane, Borough of Manhattan, the Receiver for the Estate of John Wolfe stated he wished to be relieved from the payment of the annual charge as the pipe had not been in use for some time.

I caused an examination to be made and it was found that this pipe was authorized by resolution adopted by the Board of Aldermen May 7, 1895, approved by the Mayor May 15, 1895, granting permission to the estate of John Wolfe to install, maintain and use the pipe. Pursuant to said resolution, the Commissioners of the Sinking Fund on July 18, 1895, fixed the compensation for the privilege at forty-one dollars per annum, the grantee to deposit a satisfactory bond with the Comptroller, and I am informed that a bond of one thousand dollars, dated September 4, 1895, was deposited by the grantee with the Department of Finance.

I addressed a letter to the Receiver, who advised me that the building with which the pipe connects on the easterly side of William street, called the Wolfe building, had been purchased by the executors and trustees of the Wolfe estate. In response to a request to the attorney for the said executors and trustees to present a petition to the Board for the revocation of the consent, I received a letter from the Charles F. Noyes Company stating that Mr. Seig Goldestein, the present owner of the Wolfe building, desired to retain the City's permission to maintain the pipe and the bill from the Department of Finance for the annual charge of forty-one dollars for the privilege for the year ending September 30, 1911, together with a check in payment of the same was enclosed. The bill and check have been forwarded to the Comptroller.

I have been informed that the pipe is disconnected and has not been in use for about four years, although payment for the privilege has been made to date. Mr. Goldstein has no interest whatsoever in the building on the westerly side of William street with which the pipe connects. That building is now furnished with steam by the New York Steam Company and with electric current by the Edison Company.

Mr. Goldstein desires to retain the pipe in order that he may be enabled to furnish steam and electric current to the building opposite, but the use of pipes under public streets for the purpose of furnishing steam or electric current to a person, firm or corporation other than the producer can only be permitted by a public service corporation under authority of a franchise from the Board of Estimate and Apportionment. The consent of the Board of Aldermen to the estate of John Wolfe should therefore be revoked and the executors and trustees of said estate directed to remove the pipe. Upon the completion of the work of removal, the bond filed with the Comptroller should be cancelled and the annual charge should cease on the date of completion of the work.

A resolution revoking the consent and directing the removal of the pipe and the subsequent cancellation of the bond, as hereinabove set forth, is herewith submitted for adoption. Respectfully, HARRY P. NICHOLS, Engineer in Charge.

Approved: NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, A resolution was adopted by the Board of Aldermen May 7, 1895, and approved by the Mayor May 15, 1895, reading as follows:

"Resolved, That permission be and the same is hereby given to estate of John Wolfs* to lay two iron pipes, three and one-half inches and two inches in diameter, respectively, inclosed in an eight-inch cast-iron pipe, for conducting steam heat and power from the 'John Wolfs* Building,' on the east side of William street, from Liberty street to Maiden lane, as shown on the accompanying diagram, upon payment to the City, as compensation for the privilege, such amount as may be determined as an equivalent by the Commissioners of the Sinking Fund, provided the said estate of John Wolfe shall stipulate with the Commissioner of Public Works to save the City harmless from any loss or damage that may be occasioned by the exercise of the privilege hereby given during the progress or subsequent to the completion of laying said pipes, the work to be done and material supplied at their own expense, under the direction of the Commissioner of Public Works, such permission to continue only during the pleasure of the Common Council," and

* So in original.

Whereas, Pursuant to said resolution, the Commissioners of the Sinking Fund on July 18, 1895, fixed the compensation for the privilege at the sum of forty-one dollars per annum, and provided that the grantee should file a satisfactory bond with the Comptroller, and

Whereas, In accordance with such provision, the estate of John Wolfe filed a bond for one thousand dollars in the Department of Finance, and the compensation for the privilege has been paid up to September 30, 1911, and

Whereas, It would appear that the estate of John Wolfe has abandoned the said pipe and no longer desires to use the same; now, therefore, be it

Resolved, That the said resolution be and it hereby is rescinded, and the estate of John Wolfe be and it hereby is directed to entirely remove the said pipe from within the lines of William street on or before June 1, 1911, under the supervision and to the satisfaction of the President of the Borough of Manhattan, and the Commissioner of Water Supply, Gas and Electricity; and be it further

Resolved, That the said officials be and they hereby are requested to advise this Board when the said pipe has been removed and the street pavement properly restored; and be it further

Resolved, That upon the completion of the work of removal and the restoration of the street pavement, the Comptroller be and he hereby is authorized to cancel the bond of one thousand dollars, hereinabove mentioned and to refund such proportion of the annual charge of forty-one dollars as the period from the date of removal of the pipe to September 30, 1911, bears to the whole year; and be it further

Resolved, That this resolution shall not become effective unless and until the estate of John Wolfe shall execute an instrument in writing, releasing The City of New York from any and all claims of any kind, character or description whatsoever, held or claimed to be held under the terms and conditions of the aforesaid consent, and agreeing to quit-claim, waive and surrender to The City of New York any and all rights and privileges in and upon said William Street, in the Borough of Manhattan, held or claimed to be held under and by virtue of said consent and file the same with the Board of Estimate and Apportionment.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

FINANCIAL MATTERS.

The Secretary presented the following communications from the Comptroller relative to issues of corporate stock for the following purposes:

A—$323.016.80 for the payment of the awards, costs, expenses and counsel fee in the Croton Falls Dam and Reservoir Proceeding (Reservoir K), Third Supplemental and Final Report.

City of New York, Department of Finance, Comptroller's Office, May 8, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—I am advised by the Corporation Counsel that the report of the Commissioners of Estimate and Appraisal in the Croton Falls Dam and Reservoir Proceeding (Reservoir "K"), Third Supplemental and Final Report, was confirmed by an order of the Supreme Court in and for the 9th Judicial District at the Court House in the Village of White Plains, Westchester County, dated April 12, 1911, and entered in the office of the Clerk of the County of Putnam, April 14, 1911.

The total amount of the awards confirmed is	$239,000 00
Interest thereon from April 28, 1906, to February 28, 1912	83,650 00
Amount of taxed expenses, disbursements and counsel fee	366 80
Total	$323,016 80

To provide means for the payment of these obligations, Corporate Stock should be issued in conformity with the requirements of section 32 of Chapter 490 of the Laws of 1883.

A resolution for that purpose is herewith submitted.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That pursuant to the provisions of chapter 490 of the Laws of 1883 and sections 169 and 170 of the Greater New York Charter, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of three hundred and twenty-three thousand and sixteen dollars and 80 cents ($323,016.80), the proceeds whereof to be applied to the payment of the awards, costs, expenses and counsel fee, in the Croton Falls Dam and Reservoir Proceeding (Reservoir "K"), Third Supplemental and Final Report, as taxed by an order of the Supreme Court, dated April 12, 1911.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

B—3,001,166.05 for the payment of the awards and interest thereon in the matter of acquiring title to certain land in the Borough of Manhattan required for the Manhattan approach to the Manhattan bridge.

City of New York, Department of Finance, Comptroller's Office, May 8, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—I am advised by the Corporation Counsel that the report of the Commissioners of Estimate and Appraisal, in the proceeding to acquire title by The City of New York to certain lands and premises in the blocks bounded by Madison street, Market street, Henry street and Birmingham street; by Monroe street, Market street, Madison street and Pike street; by Henry street, Market street, East Broadway and Pike street; by East Broadway, Market street, Pike street and Division street; by Bayard street, Forsyth street, Canal street and Eldridge street; by Bayard street, Chrystie street, Forsyth street and Canal street; by Bayard street, Chrystie street, Canal street and the Bowery, in the Borough of Manhattan, City of New York, for bridge purposes, known as Manhattan bridge, was confirmed in part by an order of the Supreme Court, dated April 21, 1911, and entered in the office of the Clerk of the County of New York, April 21, 1911.

The title to the land and improvements taken in this proceeding became vested in The City of New York on October 8, 1907, and June 1, 1908, pursuant to the provisions of resolutions of the Board of Estimate and Apportionment, adopted October 4, 1907, and May 15, 1908, respectively.

The total amount of the awards so confirmed is	$3,042,042 13	
Aggregate amount of interest accrued thereon to June 15, 1911, is	629,123 92	
Total		$3,671,166 05
There is available at this time for the payment of the above obligation corporate stock to the amount of		670,000 00
Leaving the balance to be provided for of		$3,001,166 05

To provide means for the payment of these obligations, corporate stock to the amount of three million and one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05), should be issued, pursuant to the provisions of section 47 of the Greater New York Charter.

A resolution for that purpose is herewith submitted.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York, to an amount not exceeding three million and one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05), for the purpose of providing means for the payment of the awards and the interest thereon, in the matter of acquiring title to certain lands and premises in the blocks bounded by Madison street, Market street, Henry street and Birmingham street; by Monroe street, Market street, Madison street and Pike street; by Henry street, Market street, East Broadway and Pike street; by East Broadway, Market street, Pike street and Division street; by Bayard street, Forsyth street, Canal street and Eldridge street; by Bayard street, Chrystie street, Forsyth street and Canal street; by Bayard street, Chrystie street, Canal street and the Bowery, in the Borough of Manhattan, City of New York, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding three million and one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05), the proceeds to be applied to the purposes aforesaid.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented resolutions (8) of the Board of Aldermen, requesting issues of Special Revenue Bonds (subdivision 8, section 188 of the Charter), as follows:

A—$2,500 to provide for furnishing, equipping and making alterations in the new offices in the Ashland Building, 24th street and 4th avenue, Manhattan, for the use of the Probation Officers of the Court of Special Sessions, said work to be done under the jurisdiction of the President of the Borough of Manhattan;

B—$10,000 to provide for the purchase by the Department of Health of food supplies for tuberculosis patients attending the day camps on the old ferryboats "Middletown" and "Susquehanna" used for said purpose;

C—$4,100 for the purpose of paying salaries in connection with the establishment of an ambulance service for insane patients at the Kings County Hospital by the Department of Public Charities;

D—$20,000 for the use of the Department of Parks, Boroughs of Manhattan and Richmond, in furnishing additional concerts in parks where concerts are already given, in those where none are given, and in armories and other places with the consent of the authorities having jurisdiction;

E—$8,750 to provide for the salaries of thirty-five additional nurses, for Bellevue Hospital, for a period of five months at the rate of $50 each per month;

F—$29.18 for incidental expenses incurred by the Deputy Clerk of the Borough of Richmond, during the period from July 1 to December 29, 1910;

G—$2,020.67 to provide for a deficit in the salary account for Stationary Engineers in the Police Department, also communication from the Police Commissioner relative to the above request;

H—$600 to provide for the salary from May 1 to December 31, 1911, of a Confidential Stenographer employed by the County Clerk of New York County,

Communications as follows:

From the President of the Borough of Manhattan, requesting authority to charge the cost of repaving Sullivan street, from Broome street to Bleecker street, to the Repaving Bond Fund;

From the Board of Water Supply, requesting approval of the purchase for $500 of an easement to construct, operate and maintain under parcel 47, City Aqueduct, section 1, at a depth not less than 100 feet, a portion of the City Aqueduct, also enclosing copy of option covering the purchase;

Two (2) from the Chief Justice, Court of Special Sessions, requesting issues of special revenue bonds (chapter 659, Laws of 1910), as follows:

A—$1,200 to provide for increased salaries of Court Attendants, and $950 to provide for the salary of a Stenographer and Typewriter in the office of the Chief Probation Officer for the balance of the year 1911, at the rate of $1,050 per annum:

B—$1,600 for furniture and equipment for the additional court room offices and Justices' Chambers;

From the Chief City Magistrate, First Division, requesting an issue of $4,500 special revenue bonds (chapter 659, Laws of 1910), to provide for the necessary supplies for furnishing and refitting the City Magistrates' Courts, First Division;

From the Board of Health, requesting authority, pursuant to resolution adopted June 3, 1910, to employ an architect for the preparation of plans and specifications and for the supervision of the construction of glass and iron partitions and doors on the northerly end of staircases on the 1st, 3d and 4th floors in the office building of the Department of Health, Brooklyn, at a cost not to exceed $200,

And a petition of Arthur C. Quinn, Thomas Kenny and John Kearney, formerly Van Drivers under the Sheriff of Kings County, requesting the Board to favorably consider their claims for back pay from June 1, 1907, to July 6, 1908, pursuant to the provisions of chapter 79, Laws of 1911.

Which were referred to the Comptroller.

The Secretary presented a communication from the District Attorney of Richmond County relative to his request previously presented to the Board for the establishment of the position of Chief Clerk at $1,200 per annum for one incumbent.

Which was referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen.

The Secretary presented the following communications from the Commissioner of Water Supply, Gas and Electricity, in the matter of an appropriation for the completion of the easterly basin of the Jerome Park Reservoir, and requesting that the "Committee on Filtration," consisting of the Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, The Bronx and Richmond, to which this matter was referred, be discharged, together with a report of the Corporate Stock Budget Committee, recommending (1) that the resolution adopted by the Board on July 29, 1910, which authorized the issue of $2,200,000 corporate stock for the completion of the easterly basin of the Jerome Park Reservoir, be amended by reducing said amount to $10,000, and (2) that the Board authorize the issue of $8,690,000 corporate stock for the purpose of providing means for completing the easterly basin of the Jerome Park Reservoir, and for the construction and installation of a filtration plant therein, under the direction of said Commissioner:

(On January 26, 1911, a communication from the Commissioner of Water Supply, Gas and Electricity, requesting an appropriation of $6,500,000 for the completion of the easterly basin of the Jerome Park Reservoir, etc., was referred to the Corporate Stock Budget Committee and the Committee as above.)

(On April 20, 1911, the Committee, consisting of the Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, The Bronx and Richmond, was discharged from further consideration of the subject and the matter was ordered on the Calendar for the meeting of April 27, 1911. On that date it was laid over for one week, and on May 4 was again laid over for one week.)

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, January 24, 1911.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Dear Sir—Plans and specifications for the completion of the easterly basin of the Jerome Park Reservoir are now practically ready, so that the contract can be printed and advertised. This work is to be done under the authorization of the Board of Estimate and Apportionment, an appropriation of $2,200,000 having been granted for the work. The estimated time required to complete the basin, after work begins, is two years and a half, and the date of completion will necessarily depend on the time required to award the contract and certify the same. It would be quite possible to award this contract and have it certified by the first of April, 1911, and it may take to June, 1911, in the latter case the work being completed at the end of 1914.

Before continuing with this work, I deem it advisable to lay before you the question of the filtration of the Croton supply, to which it is closely related. The filtration of the waters from the Croton River has been under discussion for many years, and this Department, the various incumbents of the Health Department and the Engineers who have reported on the subject, have unanimously favored filtration as the only means of effectually safeguarding public health and furnishing a supply of water satisfactory for domestic use. There has been no difference of opinion in the matter. If further evidence were needed to demonstrate the need of filtration, the experience of the past summer and fall would be more than sufficient. The Croton supply, as you know, has had such an offensive taste and odor as to make it extremely unsatisfactory for domestic use; general and just complaints were constantly received from our citizens as to the condition of the water, and doubts expressed as to its wholesomeness, although the vegetable organisms which produced the condition of the water are not detrimental to health. There are times, however, when the condition of the supply is detrimental to health, and filtration is the only known means of effectually eliminating the offensive taste and odor, while at the same time removing the pathogenic bacteria.

Under an appropriation of $75,000, granted by the Board of Estimate and Apportionment for the purpose, and after due study of this problem, the easterly basin of the Jerome Park Reservoir was selected as the most economical site for the proposed filtration plant, and plans for the same, as well as an estimate of its cost and a report on the matter, were submitted to your Board, on which, however, no action has yet been taken.

The plans now completed for building the easterly basin of the Jerome Park Reservoir, alluded to above, have been prepared so that the basin may be ultimately utilizied for the installation of the filter plant. It should be borne in mind, however, that by carrying out the proposed contract for completing the easterly basin, no work can be done on the filtration plant proper other than the preparation of plans and specifications, prior to the completion of the easterly basin in 1914, and the water, therefore, could not be filtered before 1917. Meanwhile, increasing population on the water shed will add to the dangers of pollution, and the offensive taste and odor of the water prevalent during the last summer and fall would be probably experienced to a similar or greater degree, depending largely on the rainfall and resulting in greater or less depletion of the reservoirs.

The contracts could be let for the completion of the easterly basin of the Jerome Park Reservoir and the building of the filtration plant at the same time. The work could be finished in three years from the time of letting the contracts and, assuming that prompt action be taken in the matter, these contracts could be prepared before the close of 1911 and we would then be able to commence filtering the supply by 1915. If the Board of Estimate and Apportionment decide that the filtration of the Croton supply may be deferred until 1917, then this Department should immediately proceed with the letting of the contract for the completion of the easterly basin of the Jerome Park Reservoir, leaving the question of ultimate filtration for future action.

I cannot too strongly urge the advisability of authorizing the filtration of the Croton supply without further delay. There is no question but that the Croton supply must be ultimately filtered. No other action by the Board of Estimate and Apportionment would be of greater general benefit to the public, and as expenditures for extension or improvement of the water system do not affect the debt limit of the City, the construction of the filter plants would in no way retard such public improvements as subways, schools, parks, etc., which are also demanded by the public.

I therefore request an appropriation of $6,500,000, this amount being in addition to the $2,200,000 already allowed. It is estimated that $50,000 will cover the cost of revising the plans and specifications of the filter plant, as they were designed about five years years ago. This is the only amount of this total appropriation which will be expended this year. Yours truly,

HENRY P. THOMPSON, Commissioner.

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, April 11, 1911.

Hon. WILLIAM J. GAYNOR, *Mayor,* City of New York:

Dear Sir—Several months ago you appointed a committee of members of the Board of Estimate and Apportionment to report on the advisability of the filtration of the Croton water supply on the site of the Jerome Park Reservoir. So far as I have been able to learn no report has yet been filed by the committee.

I understand that the Corporate Stock Committee are ready to report favorably for the granting of an appropriation to carry on this work by the City at Jerome Park. It involves, as you know, the expenditure of eight and a half million dollars, and I am very anxious to have this work started immediately.

As the Corporate Stock Committee has, I believe, gone into the question thoroughly I would request that you ask them to report the matter at once to the Board of Estimate and that the other committee, namely, the Filtration Committee to which the matter was referred, be discharged. I would request that you submit this to the Board of Estimate at Thursday's meeting. Yours truly,

HENRY S. THOMPSON, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, April 12, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On July 29, 1910, the Board of Estimate and Apportionment adopted a resolution authorizing corporate stock to the amount of $2,200,000 for the completion of the easterly basin of the Jerome Park reservoir. This appropriation was made at the request of the Commissioner of Water Supply, Gas and Electricity. In his request the Commissioner explained that the work of completing the easterly basin had been abandoned several years before at the suggestion of the then Commissioner of Water Supply, Gas and Electricity, who had submitted a proposition for the construction of a filter plant at this location.

Commissioner Thompson stated that he had consulted a number of Engineers, who were of the opinion the abandoned basin should be completed as originally planned, and that some provision should be made for the construction of a foundation upon which the filtration plant could be built if at some future time it should be thought advisable to erect such a plant.

The $2,200,000 was appropriated to carry out this plan of a storage reservoir with foundations which ultimately might be utilized for a filtration plant. At the time the appropriation was made the filtration plant itself was regarded as a project for the future.

Now, Commissioner Thompson desires to change the scope of the work and include at this time a filtration plant. In fact, he proposes to make the filtration plant the main feature of the improvement.

At the meeting of this Board, held January 26, 1911, a communication was received from Commissioner Thompson requesting an additional authorization of $6,500 for the installation of a filter plant in the easterly basin of the reservoir. His request was referred to two Committees—the Corporate Stock Budget Commitee, and a Committee consisting of the Mayor, the Comptroller, the President of the Borough of Manhattan, the President of the Borough of The Bronx, and the President of the Borough of Richmond.

This last named Committee was appointed on November 18, 1910, to consider and report on the proposition submitted by William B. Ellison, on behalf of the New Jersey Securities Company, for the sterilization of the water supply of the City. As this Committee was considering the general question of sterilization and filtration, the request of Commissioner Thompson was referred to it as well as to the Corporate Stock Budget Committee.

Inasmuch as it was possible that the Committee on filtration would report against filters and in favor of a sterilizing system entirely different, the Corporate Stock Budget Committee awaited the decision of the other Committee.

It now appears that the Committee on Filtration has been discharged from consideration of this matter, without making a report, and the Corporate Stock Budget Committee has been left alone to decide the two mains questions involved in Commissioner Thompson's request, viz.:

First—Is it advisable to filter the Croton water supply?

Second—If it is advisable to filter the Croton water supply, should the filter plant be built now or deferred until the completion of the easterly basin of the Jerome Park Reservoir?

Your Committee believes that the Croton water supply should be filtered and that the filter plant should be built as part of the contract for the completion of the easterly basin of the Jerome Park Reservoir, if it is ever to occupy that site.

Commissioner Thompson, in a communication addressed to the Comptroller on March 11, 1911, reviewed at length the proposition submitted by W. B. Ellison for the sterilization of the water supply, and expressed himself as opposed to the proposition. The Commissioner stated that there was nothing new in the proposed system of sterilization; that it was a system already used by the Department to a certain extent; that it was efficient in ridding water of objectionable bacteria, and where sanitary treatment for the elimination of pathogenic germ was the only requirement it would suffice, but that it would not suffice with Croton water. He stated that it was not true that filtration had been superseded by the sterilization method.

The authorities are practically unanimous in the opinion that the Croton water supply should be filtered as a sanitary measure and to improve the appearance, taste and odor of the water.

The Commission on Additional Water Supply, known as the Burr-Hering-Freeman Commission, recommended, in a report made in 1903, that work be begun immediately for the filtration of the Croton water supply, and that all new supplies be filtered.

In 1904, J. Waldo Smith, the then Chief Engineer of the Aqueduct Commission, recommended, with the concurrence of W. H. Burr, Consulting Engineer, that the work on the easterly basin of the Jerome Park Reservoir be suspended, pending the determination of the question of filtering the Croton supply. The Health Department has repeatedly called attention to the necessity of filtering the Croton water supply.

Messrs. Hagen & Whipple, Consulting Engineers, in their report upon the question of filtration of the Croton water supply, say that filtration is needed from a sanitary standpoint. They state that the population upon the watershed is considerable, and is increasing yearly, and the City is not in a position to limit in any way this increase in population, nor to prevent the construction of the sewers required for their convenience and health. They state further that filtration is required to improve the physical character of the water, which at present is discolored to a slight extent by yellow coloring matter, and is somewhat turbid, and subject to objectionable tastes and odors; that the character of the water is such that people who become used to filtered or spring water will not readily drink Croton water, as is shown by the almost universal use of other drinking waters in hotels, restaurants and also in many private houses.

Messrs. Hagen & Whipple state further that for many years The City of New York has had at least as good water as any large city in the country, and that the water has certainly been far better in quality than that in most of the large cities. This condition, they state, is rapidly being changed. The water supplies of many cities formerly inferior to those of New York are now as good or better because of purification works.

All the authorities in their discussion of the question point out the fact that the public demands water that must not only be sanitary, but palatable.

The Department of Water Supply, Gas and Electricity has concluded, after a detailed study of the question, and after considering the practical results obtained at the experimental station (opened during 1906), that a filter is necessary.

The site selected for the filter plant is the eastern and unfinished section of the proposed Jerome Park Reservoir which has an area of about 134 acres.

The proposed plant is to have a capacity of 400 million gallons a day.

The filter plant is to consist of a settling basin on the northern section, covering about 37 acres; sand filters, consisting of 102 filter beds covering about 48 acres of the central section, with an effective area of 42 acres, and a clear water reservoir in the southern portion of the site covering about 46 acres. This clear water reservoir is to extend underneath the filter beds, and in that way receive the filtered water. The new aquduct delivers about 310 million gallons per day, the old aqueduct delivers about 90 million gallons daily. This will all pass through the filter plant.

Assuming it to be a settled fact that the water supply should be filtered and that the easterly basin of the Jerome Park Reservoir is the best site for the plant, then your Committee believes there could be no two opinions upon the advisability of doing the work simultaneously with the construction of the easterly basin of the reservoir.

The work of the completing the easterly basin in accordance with the revised plans and the installation of a filter plant are so closely connected, the top of one being the floor or bottom of the other, that by letting contracts at the same time, or perhaps better, by awarding the work of both items in one contract, the total cost will be less, and the City will receive the benefit of filtered water two years earlier.

Bookkeeping complications and other inconveniences could be avoided by having the filter plant built and the easterly basin completed under the same contract. We recommend that the $2,200,000 authorized July 29, 1910, by rescindment and new authorization be made applicable to both the work of completing the basin and the work of constructing a sand filtration plant, and that the Board authorize $6,500,000 additional to be used for both purposes as a joint improvement. Attached hereto are two resolutions, which, if adopted, will carry our recommendations into effect. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The President of the Board of Aldermen moved that the above report be amended by striking therefrom in the last paragraph immediately following the words "of constructing a" and immediately preceding the words "filtration plant" the word *"sand,"* which amendment was agreed to.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on July 29, 1910, which reads as follows:

"Resolved, That, pursuant to the provisions of section 32, chapter 490, of the Laws of 1883, as amended by chapter 220 of the Laws of 1910, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding two million two hundred thousand dollars ($2,200,000), the proceeds whereof to be applied to the completion of the easterly basin of the Jerome Park Reservoir, under the direction of the Commissioner of Water Supply, Gas and Electricity."

—be and the same is hereby amended to make the amount authorized ten thousand dollars ($10,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 178 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to the amount of eight million six hundred and ninety thousand dollars ($8,690,000), for the purpose of providing means for completing the easterly basin of the Jerome Park Reservoir, and for the construction and

installation of a filtration plant therein under the direction of the Commissioner of Water Supply, Gas and Electricity, and when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding eight million six hundred and ninety thousand dollars ($8,690,000), the proceeds whereof to be applied to the purposes aforesaid.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a communication from the President of the Board of Water Supply, requesting that the resolution adopted by the Board of Estimate and Apportionment on February 9, 1911, approving of schedules of salaries and wages for the Board of Water Supply for the year 1911, be rescinded, as this schedule embraces a list of employees under the Board as of December, 1910, and is not a schedule of employees for the year 1911, and further, that compliance with said resolution will seriously hamper the work of the Board, as the salary schedules are continuously shifting, due to the nature of the work performed.

Which was laid over.

(On April 27 and again on May 4, 1911, the above matter was laid over one week.)

The Secretary presented communications as follows:

From the Commissioner of Public Charities, submitting an amendment to item on Statement No. 2, under the heading "Sea View Hospital" in his corporate stock estimate for the years 1911 to 1915, heretofore presented to the Board and referred to the Corporate Stock Budget Committee;

From the Commissioner of Parks, Borough of The Bronx, requesting an issue of $8,000 corporate stock for the purpose of connecting the Grand boulevard and concourse with the main driveway on Mosholu Parkway;

From the Corresponding Secretary of the Jamaica East End Civic Association, submitting copy of resolutions adopted by said Association urging the Board to grant the appropriation requested by the Department of Education for the construction of an addition to Public School 49 on Brenton avenue, Jamaica, Borough of Queens;

From the President of the Borough of The Bronx, requesting that his corporate estimate for the year 1911, heretofore referred to the Corporate Stock Budget Committee, be amended by including an amount of $50,000 for planting trees along the Grand Boulevard and Concourse.

Which were referred to the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of Manhattan.

The Secretary presented communications relative to additional rapid transit facilities, as follows:

From Albert L. Leubuscher of Water Mill, Suffolk County, New York, enclosing two papers entitled "The Financial Self-Management of Governments in the Construction and Maintenance of Public Utilities";

From The Bronx Transit Association relative to the proposition submitted by the Brooklyn Rapid Transit Company;

From the publisher of the "New York Commercial" submitting editorial from issue of May 4, 1911, relative to "the Brooklyn Rapid Transit's Unified System";

From the South Ozone Park Association of the Borough of Queens requesting that provision be made for additional transit facilities in said section;

From John Duca relative to better transit facilities in the Borough of The Bronx;

From Lewis Brown, of William and Henry streets, Brooklyn, favoring the proposition of the Brooklyn Rapid Transit Railroad Company;

From Henry S. Wood, relative to his proposition for building new subways;

From the Twenty-second Assembly District Republican Club of Kings County, approving of the last proposition of the Brooklyn Rapid Transit Railroad Company, and requesting this Board to accept said offer;

From the Allied Boards of Trade and Taxpayers' Associations of Brooklyn, relative to additional rapid transit facilities;

From the Homestead Civic Association of Woodhaven, Borough of Queens, requesting that the proposition of the Brooklyn Rapid Transit Company be not approved in its present form, etc., and a

Petition signed by numerous citizens of the Boroughs of Brooklyn and Queens requesting the Board to favorably consider the proposition submitted by the Brooklyn Rapid Transit Railroad Company.

Which were referred to the Committee of the Whole.

The Secretary presented a report of the Comptroller recommending that the request of the President of the Borough of The Bronx for a modification of Salary Schedule 1734, supporting the budgetary part allowance for the Engineering Division, Regular Force, Bureau of Highways, to provide for the increase in salary of a Clerk from $1,050 to $1,350 per annum and for the addition of a Clerk at $300 per annum be disapproved, as the increase in yearly cost is not counterbalanced by any decrease, and a communication from the President of The Bronx in relation to the above modification requesting the Board to approve his request as the Comptroller's recommendation is not sufficient reason for denying same.

Which was laid over one week.

(On May 4, 1911, the above report was laid over for one week.)

The Secretary presented a report of the Comptroller recommending that the request of the President of the Borough of Richmond for a modification of Salary Schedule 1892, supporting the budgetary part allowance for the Bureau of Engineering-Construction, to provide for the increase in salary of two Rodmen from $900 to $1,050 each per annum be disapproved, as the increase in yearly cost is not counterbalanced by any decrease.

Which was laid over one week.

(On May 4 the above report was laid over for one week.)

The Secretary presented a report of the Comptroller relative to the request of the President of the Borough of Richmond for a modification of the schedule of Salaries and Wages for the Corporate Stock Fund for the Topographical Bureau in his office, providing for an increase in the compensation of three Rodmen from $1,050 to $1,200 per annum, and change in title to Transitmen and Computer, etc., stating that the proposed raises in salary would increase the yearly cost by $450, which is not counterbalanced by any decrease, and recommending, therefore, that they be not approved, but that the schedule be modified in so far as it will provide for the change in title from Laborer to Axeman for seven incumbents at the rate of $900 per annum.

Which was laid over one week.

(On April 27, 1911, the Board adopted a resolution approving of the modification of the schedule of salaries to provide for the change in title of Laborer to Axeman, but approval of the report in so far as it relates to the increases in compensation of Rodmen, etc., was deferred for one week.)

(On May 4 the matter was laid over for one week.)

The Secretary presented a report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending that the request of the President of the Borough of Queens for authority to increase the compensation of four employees in the Topographical Bureau be disapproved, together with a communication from the President of the Borough of Queens relative to said request.

Which was laid over one week.

(On April 13, 1911, the Board adopted a resolution disapproving said request.)

(On April 20, 1911, the vote on the above resolution was reconsidered and the matter was ordered placed on the Calendar for the meeting of May 4, and on that date was laid over for one week.)

(On March 9, 1911, the above request was referred to said Committee.)

The Secretary presented a report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending the establishment in the Fire Department of the grade of position of Foreman Steam Fitter, at $6 per diem for one incumbent; and further recommending that the request of the Fire Commissioner for the establishment of grades of positions of Foreman Saw Filer, at $5 and Licensed Fireman at $3.50 per diem, respectively, be disapproved.

(On March 23, 1911, the request of the Fire Commissioner for the establishment of the above grades of positions was referred to said Committee.)

(On May 4, 1911, the Board adopted a resolution, recommending to the Board of Aldermen the establishment of the grade of position of Foreman Steam Fitter, at $6 per diem for one incumbent, but approval of recommendation of the Select Committee disapproving of the request for the establishment of the grades of Foreman Saw Filer, at $5, and Licensed Fireman, at $3.50 per diem, respectively, was deferred for one week.)

(The Fire Commissioner was furnished with a copy of the report.)

(The communication from the Fire Commissioner requesting the establishment of the grades of positions, the report of the Select Committee and the resolution establishing the grade of position of Foreman Steamfitter, as above set forth, are printed in the Financial Minutes of May 4, 1911, at page 4016 of the CITY RECORD of May 10, 1911.)

The following resolution was offered:

Resolved, That the request of the Fire Commissioner, as contained in communication dated March 9, 1911, for the establishment of additional grades of positions of Foreman Saw Filer, at $5 per diem for 1 incumbent, and of Licensed Fireman, at $3.50 per diem for 1 incumbent, be and the same is hereby disapproved.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following report of the Committee, consisting of the Presidents of the Boroughs of Manhattan and Richmond, appointed pursuant to resolution adopted March 23, 1911, relative to a plan for the coordination and combination of the present agencies having jurisdiction over recreation facilities of the City and the development of this work:

(On May 4, 1911, the above matter was laid over for one week.)

May 9, 1911.

Report to the Board of Estimate and Apportionment of the Special Committee Appointed Under Date of March 23, 1911, to Investigate the Matter of Public Recreation Facilities in The City of New York and their Possible Co-Ordination and Better Development:

Your Committee has investigated the status of public recreation facilities supported by The City of New York at the present time, and finds that these are distributed among the following departments: The Department of Education, the Department of Parks, the Department of Docks and Ferries, the Department of Bridges, the Offices of the Borough Presidents.

The Department of Education has a highly developed system of indoor and outdoor playgrounds, recreation centers and competitive athletics which are so closely interwoven with the other school activities that it would be difficult at the present time to separate them.

The Park Department has under its charge all of the public playgrounds within the parks, and a certain number outside the parks. The Playground Division of the Department, while in existence for a number of years, has only during the past year been developed to any great extent, and, while there may be good reason for retaining the playgrounds within the parks under the jurisdiction of that department, so far as maintenance is concerned, there seems to be no logical reason why the Park Department should control grounds outside of the park limits, or why it should supervise the play or other activities of recreation in the playgrounds of either class. In fact, the isolated grounds have, up to this time, been placed under the Park Department—due, no doubt, to the fact that there is no authority better fitted to take them over.

The Department of Docks is charged with the Recreation Piers, and the Department of Bridges with the spaces under bridge approaches that are used for playground purposes.

The Borough Presidents, who have the custody of the public baths, are charged, incidentally, with the control of the uses of the swimming pools within the baths, and, in the Borough of Manhattan, with the gymnasiums recently installed in four of the bath buildings.

With the exception of the Department of Education, we believe that none of the departments in question are properly fitted to take charge of recreational activities or to properly develop them. The natural departmental routine imposed upon each has to do with public work of wholly different character, and the effort to make them handle recreational work as well, for the sole reason that the properties used happen to be within their jurisdiction, is bound to interfere in some degree with the proper attention to their legitimate functions, and, on the other hand, to handicap the development of the recreational work itself. The present lack of co-ordination or centralized control interferes, moreover, not only with the City's opportunity to develop its own resources; but to secure the use of many private grounds that might be found temporarily available if there were an official body that could accept the loan or even the gift of such grounds, and develop them for the uses of the children. It is also our belief that there are many public spirited citizens who, appreciating the need of better recreation facilities, and in view of the constant diminution of open places in the City, will give, either during their life time or by bequest, sums of money that could be used to increase the present limited supply of recreation opportunity. An illustration in point is a bequest of the late Betsy Head, who left the sum of about $187,000 to the City to be expended for the development of recreation work, and though it is now three years since this bequest was received, it has not as yet been utilized. Knowledge that this amount of money has lain idle for three years, at a time when it might have been used for the relief of urgent need, may well act as a discouragement to others who might be inclined to benefit the City in similar ways.

The legislature of last year passed a bill providing for the establishment of a Recreation Commission; but this measure was vetoed by his Honor the Mayor for the reason that it had not been sufficiently well established at that time that the existing departments could not care for the work. After a lapse of fifteen months, however, the excellent work done by those departments of the present administration charged with these duties has merely emphasized the fact that they stand unrelated; that the development of the work is uneven, and that there are large sections of it which do not properly come within any definite control. Your Committee is of the opinion that without taking away the basic authority of any of the departments in question, a Recreation Commission might be established to take over from each the administrative and supervisiory branches of the recreational work, and your Committee accordingly recommends that this Board approve a plan for the creation of such a Commission upon the following lines:

Composition—The Commission to consist of the President of the Park Board, a representative of the Board of Education, and three or more citizens to be appointed by the Mayor for terms of three years service; the appointments in the first instance to be, however, for one, two and three years, respectively.

Compensation—The members of the Commission to serve thereon without compensation.

Officers—The Chairman of the commission to be one of those appointed by the Mayor, and to be named as such by the Mayor. The commission also to have authority to employ a secretary and such other officers or employees as may be deemed necessary, the salary or compensation of these to be determined in the usual manner.

Powers and Duties—The Commission to have the supervision and control of all playgrounds, recreation centers, recreation piers, public gymnasiums or other athletic facilities, and of all other recreational properties placed within its charge, and to appoint all directors, attendants, and other employees excepting those charged with the physical care of the properties themselves.

The Commission to have also the following powers and duties:

(a) To take over and administer all grounds or properties hereafter obtained by the City, either through purchase or gift, for playground or other recreational uses.

(b) To take over and administer any properties temporarily assigned to it by the Sinking Fund Commission for recreational purposes, provided that upon one month's written notice from the Sinking Fund Commission such property shall be returned to its control.

(c) To secure by lease private properties that may be required for playground purposes, subject to the usual approval of the Board of Estimate as to the expenditure of City funds for equipment or administration.

(d) To receive, hold and administer gifts made to the City for recreation purposes; the commission to make full and complete annual statements to the Comptroller of all funds, public or private under its control.

(e) To make rules and regulations for the administration of the properties under its control.

It is further suggested that if the commission proposed be established, all matters currently before the Board of Estimate and Apportionment with relation to recreation be referred to the Commission for report before final action is taken by the Board upon them, and that no grounds or properties for recreation uses be purchased or leased without the Commission's approval.

If the Board approves the plan above outlined, an appropriate bill will be prepared for submission to the legislature. Respectfully submitted,

GEORGE McANENY, President, Borough of Manhattan; GEORGE CROMWELL, President, Borough of Richmond; Committee.

Dr. Henry Moskowitz appeared and urged favorable consideration of the report.

The following resolution was offered.

Resolved, That the Board of Estimate and Apportionment hereby approves of the report submitted under date of May 9, 1911, by the Select Committee, consisting of the President of the Borough of Manhattan and the President of the Borough of Richmond, relative to a plan for the co-ordination and combination of the present agencies having jurisdiction over recreational facilities of the City and the development of this work, and request the Corporation Counsel to introduce in the Legislature, at the earliest possible moment, the act drawn in accordance with the recommendations contained in said report.

Which was adopted by the following vote:

Affirmative—The Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—13.

The Secretary presented a report of the Comptroller submitting for adoption resolution containing certain rules governing the modification of salary schedules, as requested by the various Departments of the City government:

Which was laid over one week.

(On May 4, 1911, the above report was laid over for one week and the Secretary was directed to send copies thereof to the heads of all Departments for their information. The copies were sent as directed.)

The Secretary presented the following communication from the Acting President of the Borough of Queens requesting, and report of the Comptroller recommending, approval of the schedule for employees in the Bureau of Sewers, office of the President of the Borough of Queens, engaged on field and construction work.

President of the Borough of Queens, Offices, Commissioner of Public Works, Long Island City, April 25, 1911.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Dear Sir—Confirming our letter of the 27th ultimo, wherein application was made to your honorable Board for the establishment of schedules of engineering positions for employment in the Bureau of Sewers, this Borough, on assessment work, we beg to request the withdrawal of same and the substitution therefor of the following schedule, which amends the original by the addition of the position of Inspectors of Sewer Construction, with knowledge of steel and concrete, twelve incumbents at $1,500 per annum.

Transitmen	3 at	$1,500 00
Rodmen	4 at	1,200 00
Mechanical Draftsman	1 at	1,800 00
Topographical Draftsmen	3 at	1,500 00
Topographical Draftsmen	2 at	1,350 00
Topographical Draftsmen	6 at	1,200 00
Inspectors of Sewer Construction (with knowledge of steel and concrete	12 at	1,500 00
Inspectors of Sewer Construction (per diem)	20 at	4 00

It is desirable to have this on Thursday's calendar, in as much as the immediate employment of these men is imperative, by reason of the vast amount of construction work now in progress. Yours respectfully,

WALTER H. BUNN, Commissioner of Public Works and Acting President, Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 3, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 25, 1911, the Acting President of the Borough of Queens requested approval of a schedule for employees in the Bureau of Sewers engaged on field and construction work and paid from the Street Improvement Fund. On May 2, 1911, the request was orally amended to give a rate of $1,050 instead of $1,200 per annum for four Rodmen.

It is stated that work has begun on sewer contracts amounting to $300,000, and that work will begin within the next three months on contracts amounting to $700,000. The proposed schedule is as follows:

Transitmen	3 at	$1,500 00
Rodmen	4 at	1,050 00
Mechanical Draftsman	1 at	1,800 00
Topographical Draftsmen	3 at	1,500 00
Topographical Draftsmen,	2 at	1,350 00
Topographical Draftsmen	6 at	1,200 00
Inspectors of Sewer Construction with knowledge of steel and concrete	12 at	1,500 00
Inspectors of Sewer Construction (per diem)	20 at	4 00

The grade of Inspector of Sewer Construction at $4 per diem has not been established, pursuant to the provisions of section 56 of the Greater New York Charter. Pending establishment, I recommend that the Inspectors be not included in the schedule.

I recommend the adoption of the attached resolution approving the request, with the exception noted. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedule for the office of the President of the Borough of Queens for the year 1911, as follows:

President of the Borough of Queens.

Bureau of Sewers—

Salaries, Regular Employees, Street Improvement Force:

Transitmen	3 at	$1,500 00
Rodmen	4 at	1,050 00
Mechanical Draftsman	1 at	1,800 00
Topographical Draftsmen	3 at	1,500 00
Topographical Draftsmen	2 at	1,350 00
Topographical Draftsmen	6 at	1,200 00
Inspectors of Sewer Construction, with knowledge of steel and concrete	12 at	1,500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Department of Parks, Boroughs of Manhattan and Richmond, requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted June 3, 1910, of the plans, specifications and estimate of cost ($6,200) for the construction of a playground on the north side of Cherry street, between Market street and the Manhattan bridge, as submitted by the Commissioner of said Department:

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, April 29, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller,* City of New York:

Sir—In conformity with the requirements of the resolution passed by the Board of Estimate and Apportionment January 5 last, I beg to forward to you herewith for approval of said Board, plans, specifications and form of contract for improving the playground on the north side of Cherry street, between Market street and the Manhattan bridge, in the Borough of Manhattan.

The estimated cost of this improvement is $6,200, chargeable against the fund provided by corporate stock issue designated by the Code number of 58A.

Respectfully,

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 3, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—Under date of April 29, 1911, the Commissioner of Parks of Manhattan and Richmond submitted copies of plans and specifications covering the construction of a playground on the north side of Cherry street, Manhattan, between Market street and the anchorage of the Manhattan Bridge, for approval by the Board of Estimate and Apportionment, as required by resolution of June 3, 1910.

This playground is to be about 80 feet by 200 feet in size and is estimated to cost $6,200, chargeable to the "C-DP-58A" account, in which a sufficient balance remains.

Considering the substantial character of the work to be done, the cost is reasonable. I recommend the adoption of the resolution hereto attached, which will give the Board's approval to the plans and specifications submitted.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of June 3, 1910, hereby approves the plans and specifications submitted for the construction of a playground on the north side of Cherry street, between Market street and the Manhattan bridge, Manhattan, at an estimated cost of $6,200, the same being chargeable to the C.D.P.-58A account, under the jurisdiction of the Commissioner of Parks, Boroughs of Manhattan and Richmond.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the President of the Borough of The Bronx requesting, and report of the Comptroller recommending, approval of the schedules of salaries and wages, as revised, for the Topographical Bureau, in the office of said Borough President, providing for the addition of three positions omitted from the schedules heretofore approved by the Board, and for a decrease in the compensation of a Computer from $1,050 to $900 per annum:

City of New York, President of the Borough of The Bronx, 3d Avenue and 177th Street, Office of the President, April 20, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—Request is hereby respectfully made for a modification of the schedule of employees in the Topographical Bureau of this office (non-budgetary), as shown on list hereto attached.

The said modification is necessary in order to include the following named positions, which were omitted when the present schedule of said bureau was adopted by the Board of Estimate and Apportionment on March 30th, last, for the reason that the positions named had not yet been established:

Assistant Engineer, at $3,600	One Incumbent
Chairman and Rodman, at $1,350	Unlimited
Computer, at $900	Unlimited

Since then resolutions establishing each of the positions named have been adopted, viz., by the Board of Estimate and Apportionment on April 13th, and Board of Aldermen on April 18th.

Another change from the present schedule is that which provides for the reduction of salary of one Computer from $1,050 to $900, thereby making two of said position at the latter rate. Respectfully,

CYRUS C. MILLER, President, Borough of The Bronx.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 1, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 20, 1911, the President of the Borough of The Bronx requested modification of the non-budgetary schedules of salaries and wages for the Topographical Bureau in his office. In connection therewith, I report as follows:

On March 30, 1911, the following grades of positions were omitted in a modification of the schedules for the reason they had not been established pursuant to the provisions of section 56 of the Charter:

Title.	Rate Per Annum.	Number of Incumbents.
Assistant Engineer	$3,600 00	1
Chainmen and Rodmen	1,350 00	5
Computer	900 00	1

Establishment of the grades was recommended by the Board of Estimate and Apportionment on April 13, 1911, and the grades were fixed by the Board of Aldermen on April 18, 1911. It is proposed, therefore, to include the grades for the seven incumbents in the schedules.

The request is also made for a decrease in the compensation of a Computer from $1,050 to $900 per annum.

I recommend the approval of the request by the adoption of the attached resolution. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules of salaries and wages, as revised, for the Topographical Bureau, in the office of the President of the Borough of The Bronx:

President, Borough of The Bronx.

Topographical Force—

Salaries:

Assistant Engineer	1 at	$4,000 00
Assistant Engineer	1 at	3,600 00
Assistant Engineer	1 at	3,300 00
Assistant Engineer	1 at	3,000 00
Assistant Engineer	1 at	2,400 00
Assistant Engineer	1 at	2,250 00
Assistant Engineers	3 at	2,100 00
Assistant Engineers	7 at	1,950 00
Assistant Engineer	1 at	1,800 00
Transitman	1 at	1,500 00
Transitmen	2 at	1,350 00
Transitmen and Computers	2 at	1,650 00
Transitman and Computer	1 at	1,500 00
Computers	2 at	1,800 00
Computers	2 at	900 00
Topographical Draftsmen	2 at	1,950 00
Topographical Draftsmen	3 at	1,800 00
Topographical Draftsmen	13 at	1,650 00
Topographical Draftsmen	4 at	1,500 00

Topographical Draftsman	1 at	1,350 00
Topographical Draftsman	1 at	1,200 00
Leveler	1 at	1,350 00
Leveler	1 at	1,200 00
Chainmen and Rodmen	5 at	1,350 00
Chainmen	2 at	1,200 00
Chainman and Rodman	1 at	1,050 00
Rodmen	2 at	1,350 00
Rodmen	3 at	1,050 00
Axemen	3 at	900 00
Stenographer and Typewriter	1 at	1,500 00
Clerk	1 at	1,500 00
Clerk	1 at	1,050 00
Wages, Regular Employees:		
Driver	1 at	$3.00 per day
Laborer	1 at	3.00 per day
Laborers	2 at	2.50 per day
Laborers	2 at	2.25 per day

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Department of Health requesting, and report of the Comptroller in relation to, a modification of salary schedule 312, supporting the appropriation made in the Budget for the year 1911, for said Department, providing for the increase in salaries of two clerks from $300 to $480 each per annum, involving no additional appropriation:

Department of Health, City of New York, S. W. Corner 55th street and 6th avenue, Borough of Manhattan, Office of the Secretary, New York, April 26, 1911.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway:

Sir—At a meeting of the Board of Health of the Department of Health, held April 25, 1911, the following resolution was adopted:

Resolved, That the Board of Estimate and Apportionment be and it is hereby respectfully requested to approve of the following further changes and modifications in the schedules supporting the appropriations made to the Department of Health for salaries for the year 1911: Supporting schedule to 312, General Administration, Division of the Chief Clerk, Salaries. Change item "Clerks, 6 at $480, $2,880;" to read "Clerks, 8 at $480, $3,840." Change item "Clerks, 6 at $300, $1,800;" to read "Clerks, 4 at $300, $1,200." Strike out item "Unassigned balance, $360."

A true copy. EUGENE W. SCHEFFER, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a request of the Board of Health on April 25, 1911, for modification of a schedule supporting appropriations to the Department of Health for the year 1911, I report as follows:

The request is in Administration, Division of the Chief Clerk, 312, Salaries. It is proposed to increase the rate of compensation of two Clerks from $300 to $480 per annum. The incumbents are Herman Winner, appointed April 21, 1910, at $300, and Gottfried Vomacka, appointed March 8, 1910, at the same rate. The Clerks are in the office of the Assistant Chief Clerk, Manhattan, in charge of Board of Health papers.

The following table shows the schedule changes in detail:

Account No.	Schedule Line.	Decrease. (Schedule Transfer.)	Increase. (Schedule Transfer.)	Decrease. (Cash Transfer.)	Increase. (Cash Transfer.)
312.	Clerks, 6 at $480	.....	$960 00	.....	$640 00
	Clerks, 6 at $300	$600 00	.....	$400 00	.....
	Unassigned balance	360 00	.....	240 00	.....
		$960 00	$960 00	$640 00	$640 00

The $360 for these two increases is to be transferred from an unassigned balance in the Account.

The attached resolution, if adopted, will grant the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Health for the year 1911, as follows:

Department of Health.

Administration, Division of the Chief Clerk—

312. Salaries:

Chief Clerk	$3,500 00
Clerks, 4 at $2,550	10,200 00
Clerks, 2 at $2,400	4,800 00
Clerks, 3 at $1,800	5,400 00
Clerks, 5 at $1,500	7,500 00
Clerks, 2 at $1,200	2,400 00
Clerks, 3 at $900	2,700 00
Clerk	750 00
Clerks, 2 at $540	1,080 00
Clerks, 8 at $480	3,840 00
Clerks, 4 at $300	1,200 00
Bookkeepers, 4 at $1,200	4,800 00
Stenographers and Typewriters, 4 at $900	3,600 00
Stenographer and Typewriter	750 00
Stenographer and Typewriter	600 00
Typewriting Copyists, 2 at $900	1,800 00
Typewriting Copyists, 2 at $750	1,500 00
Typewriting Copyists, 2 at $600	1,200 00
Messenger	1,500 00
Inspector of Foods	1,200 00
Telephone Switchboard Operators, 5 at $900	4,500 00
Telephone Switchboard Operators, 2 at $750	1,500 00
	$66,320 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Board of Education requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted June 3, 1910, of the plans, specifications and estimates of cost for fireproof stairways, etc., in the following public schools in Brooklyn:

	Estimated Cost.
Public School 23	$2,500 00
Public School 24	5,000 00
Public School 41	4,000 00
Public School 52	6,000 00
Public School 70	8,000 00

Board of Education, Park Avenue and 59th Street, New York, May 2, 1911.

Hon. W. A. PRENDERGAST, *Comptroller:*

Dear Sir—I beg to advise you of the receipt of a communication from Mr. C. B. J. Snyder, Superintendent of School Buildings, under date of May 1, 1911, reading as follows:

"I am forwarding herewith plans and specifications for the following work, for transmission to the Comptroller to be presented to the Board of Estimate and Apportionment in accordance with the resolution adopted by that Board on January 5, 1911:

	Approximate Cost
Various, Brooklyn—For Fireproof Stairways, etc.—	
Public School 23	$2,500 00
Public School 24	5,000 00
Public School 41	4,000 00
Public School 52	6,000 00
Public School 70	8,000 00

"These plans have all been approved under the provisions of section 1073 of the Charter."

The plans and specifications mentioned in the foregoing communication are transmitted herewith. Respectfully yours,

FRED H. JOHNSON, Assistant Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—The Board of Education, in a communication dated May 2, 1911, requested approval by the Board of Estimate and Apportionment of plans, specifications and estimates of cost for fireproof stairways, etc., at the following Public Schools in the Borough of Brooklyn:

	Approximate Cost.
P. S. 23	$2,500 00
P. S. 24	5,000 00
P. S. 41	4,000 00
P. S. 52	6,000 00
P. S. 70	8,000 00

The plans when submitted for approval were incomplete. I have obtained from the Department of Education copies of the missing drawings, and these are now attached to the plans submitted.

An examination of the plans and specifications shows that at Public School 23 an additional exit is to be provided for the assembly room, which is on the top floor of the building; at Public Schools 24, 41, 52 and 70 it is proposed to remove the present wooden main stairways and substitute fireproof iron stairs; at Public School 52 a new outside stairway is to be constructed, and at Public School 70, new exits are to be provided from the boiler room and new fire stop partitions are to be erected in the corridors on the several floors and in the attic.

The plans and specifications include all work incidental to these alterations and are complete and satisfactory. The estimates of cost are reasonable.

The cost of this work is chargeable to the fund C-DE-80, Providing Fire Protection, Borough of Brooklyn, which was released by resolution of the Board of Estimate and Apportionment adopted June 3, 1910, and in which, at the date of this report, there is a sufficient balance to pay the cost of these improvements.

I submit for adoption the resolution appended hereto. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of June 3, 1910, hereby approves the plans, specifications and estimates of cost for fireproof stairways, etc., in various Public Schools in the Borough of Brooklyn, under the jurisdiction of the Department of Education, as follows:

Public School 23, approximate cost, two thousand five hundred dollars ($2,500).
Public School 24, approximate cost, five thousand dollars ($5,000).
Public School 41, approximate cost, four thousand dollars ($4,000).
Public School 52, approximate cost, six thousand dollars ($6,000).
Public School 70, approximate cost, eight thousand dollars ($8,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Commissioner of Docks requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted June 3, 1910, of the plans, specifications and estimate of cost ($257,000) for the construction of a shed on the pier at the foot of 33d street, South Brooklyn, as submitted by said Commissioner:

Department of Docks and Ferries, City of New York, Pier "A," North River, New York, April 26, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Sir—I transmit herewith form of Contract 1279, for construction of shed on pier foot of 33d street, South Brooklyn; attached to this form of contract will be found the specifications for this work; plans are also enclosed.

This contract is estimated at $257,000. An issue of corporate stock in the sum of $240,000 has already been authorized for this work. Request for additional corporate stock funds to the extent of $17,000 has been included in our application now pending for corporate stock moneys.

The matter is submitted to you for examination and for report by you to the Board of Estimate and Apportionment as to approval of plans, specifications and estimate.

The plans for this work have been approved by the Chief of the Fire Department, but a letter has been received from the Fire Commissionr referring to a report made to him by the Fire Chief to the effect that the area covered by the proposed shed over the pier is too great, that the equipment as proposed in the plans would not be effective with pressure supplied by the main and that it appears there should be a division by fire stops of some character. This Department feels that it is proper to proceed with this contract work in accordance with the plans and specifications transmitted herewith; after the equipment is installed the matter of water supply can be taken up with the Department of Water Supply, Gas and Electricity, if the pressure be then found insufficient; this Department can then also install any needed additional fire stops. These additional fire stops can be installed after the completion of the shed without any greater cost than if the work were done at the same time as the shed construction is in progress. Yours respectfully,

CALVIN TOMKINS, Commissioner of Docks.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 26, 1911, the Commissioner of Docks transmitted for approval by the Board of Estimate and Apportionment of plans, specifications and estimate of cost ($257,000) for the construction of a shed on the pier at the foot of 33d street, South Brooklyn.

The contract provides for building a one-story steel freight shed, 139 feet wide, between centres of side columns, and extending from the inshore end to within 24 feet 9 inches of the outshore end of the pier, a distance of about 1,593 feet 3 inches. The height at the centre line of the side columns will be about 23 feet, and at the centre line of the shed about 36 feet 4 inches above the deck of the pier.

The roof will consist of five-ply felt and tar and slag laid on spruce sheathing boards, and will have four lines of skylights.

The sides of the building will be covered with galvanized corrugated steel, and except as otherwise shown on the plans, each alternate bay on each side will be provided with a door. The inshore and outshore ends will have an ornamental sheet metal covering of galvanized corrugated and crimped steel, with cornices, pilasters, etc., with cast iron and boiler plate base, and provided with fixed windows and three sets of doors, with additional entrance doors and double hung windows at the inshore end.

The shed will be provided, also, with a system of water supply pipes, a sprinkler system complete with all appurtenances and an asphalt pavement on the present pier deck.

The plans for the sprinkler system were approved by the Chief of the Fire Department on April 19, 1911, but, notwithstanding this approval, the Chief of the Fire Department reported to the Fire Commissioner that the area covered by the

proposed shed over the dock is too great, that the equipment as proposed in the plans would not be effective with pressure supplied by the mains, and that it appears there should be a division by fire stops of some character.

I agree with the Commissioner of Docks that the question of water supply can be taken up with the Department of Water Supply, Gas and Electricity after the sprinkler system is installed. The water system for fire protection is so arranged that a fire engine or a fireboat can pump directly into the pipes of the system.

The division of the pier area by fire stops, in my opinion, should be installed after the pier is leased. Judging from the size of the pier, it will probably be leased to a number of tenants and the fire stops should be placed so as to provide partitions between the respective subdivisions.

The plans and specifications appear to be complete and satisfactory and the estimate of cost ($257,000) reasonable.

I submit for adoption the resolution appended hereto.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of June 3, 1910, hereby approves the plans, specifications and estimate of cost, two hundred and fifty-seven thousand dollars ($257,000), for the construction of a shed on the pier at the foot of 33d street, South Brooklyn, under the jurisdiction of the Department of Docks and Ferries.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a report of the Comptroller referring to the request of the Police Commissioner for authority to enter into a final contract with Francis L. V. Hoppin, Architect, for the construction of a station house for the Eighth Police Precinct, situated on the southwest corner of Beach and Varick streets, Borough of Manhattan, and stating that in his opinion the resolution of June 3, 1910, does not require any further action by this Board authorizing the Police Commissioner to enter into the contract as requested, and recommending that the Secretary so advise the Police Commissioner.

Which was ordered filed and the Secretary directed to advise the Police Commissioner accordingly.

(On April 27, 1911, the above request was referred to the Comptroller.)

The Secretary presented the following communication from the Public Service Commission for the First District requesting, and report of the Comptroller recommending, that the Board authorize the purchase from Annie E. Ballantine, John O. H. Pitney and Charles Bradley, as Executors, etc., of the award of $7,500, made to them by the Commissioners of Appraisal in the proceeding by the City, to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 16, Block 2276, on the Tax and Assessment Maps of The Bronx, extinguished by the elevated extension of the subway in Westchester avenue, with interest thereon at the rate of 6 per cent. per annum, from May 29, 1906, the date on which title to the easements vested in the City:

(On May 4, 1911, a communication from the Public Service Commission requesting the Board to authorize the above purchase, was referred to the Comptroller.)

Public Service Commission for the First District, State of New York, Tribune Building, 154 Nassau street, New York, April 25, 1911.

To the Board of Estimate and Apportionment:

On April 18, 1911, the Commission approved the purchase from Annie E. Ballantine, John O. H. Pitney and Charles Bradley, as executors and trustees under the last will and testament of Robert F. Ballantine, deceased, of the award of $7,500 made to them by the Commissioners of Appraisal in the proceeding by The City of New York to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 15, Block 2276, on the Tax and Assessment Map of the Borough of The Bronx, City of New York, extinguished by the elevated extension of the subway in Westchester avenue, for the sum of $7,500 with interest thereon at the rate of six per centum per annum from the 29th day of May, 1906.

This action was taken in response to a recommendation of the Corporation Counsel, as expressed in his communication to the Chairman of the Commission dated April 17, 1911 (a copy of which, together with a copy of the offer to sell, is embodied in the resolution of the Commission, a certified copy of which is transmitted herewith), from which it appears that the report of the Commissioners of Appraisal was made and filed December 9, 1910, and that the City moved to confirm the report on March 21, 1911. The owners of Parcel Damage 16 opposed the motion to confirm and the time for the submission of briefs on the motion has been extended to May 1, 1911. The offer is made in the expectation that by this means the owners will be paid more promptly than if they awaited the decision of the Court on the motion to confirm the Commissioners' report, and is also in the nature of a compromise, since these property owners claim that they are at least entitled to the full amount of depreciation in value testified to by the witnesses for the City, before the Commissioners of Appraisal, which amount is $8,138.90. The Commissioners of Appraisal awarded these property owners $7,500.

The Corporation Counsel asks that the Commission submit this matter to you for the purchase of the award under section 1436d of the Greater New York Charter. The Commission has funds on hand from which payment for this award may be made, so that an additional appropriation at this time is not necessary.

Respectfully yours, WM. McCARROLL, Acting Chairman.

Acquiring of easements to certain property on Westchester avenue in connection with Manhattan-Bronx Rapid Transit Railroad—Offer of owner to sell award made by Commissioners of Appraisal—Approval Resolution.

The Secretary presented the following communication dated April 12, 1911, from Shiland, Shoemaker & Hedges, offering to sell the award of $7,500 made to them by the Commissioners of Appraisal in the proceeding by the City to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 15, Block 2276, on the Tax and Assessment Map of the Borough of The Bronx, City of New York, extinguished by the elevated extension of the subway in Westchester avenue, for the sum of $7,500, with interest thereon at the rate of six per centum per annum from the 29th day of May, 1906:

Law Offices of Shiland, Shoemaker & Hedges, 50 Pine Street, New York, April 12, 1911.

(In re Westchester Avenue.)

ARCHIBALD R. WATSON, Esq., *Corporation Counsel:*

Attention of Mr. Squier:

Dear Sir—Referring to our recent conversation with Mr. Squier respecting claim of Annie E. Ballentine, John O. H. Pitney and Charles Bradley, executors and trustees under the last will and testament of Robert F. Ballentine, deceased, for consequential damages to Parcel 16 (Lot 15, Block 2276), we beg to say that the trustees desire to accept your proposition that the City purchase the award given them for the amount of the award ($7,500), with interest at six per cent from May 29, 1906, the date when title vested, to the date of payment.

Yours very truly, (Signed) SHILAND, SHOEMAKER & HEDGES.

—together with the following communication, dated April 17, 1911, from the Corporation Counsel:

Law Department, Office of the Corporation Counsel, New York, April 17, 1911.

Hon. WILLIAM R. WILLCOX, *Chairman, Public Service Commission:*

Sir—I am in receipt of an offer on behalf of Annie E. Ballantine, John O. H. Pitney and Charles Bradley, as executors and trustees under the last will and testament of Robert F. Ballantine, deceased, to sell the award of $7,500 made to them by the Commissioners of Appraisal in the proceeding by the City to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 15, Block 2276, on the Tax and Assessment Map of the Borough of The Bronx, City of New York, extinguished by the elevated extension of the subway in Westchester avenue, for the sum of $7,500, with interest thereon at the rate of six per centum per annum from the 29th day of May, 1906.

The offer to sell is for the amount of the award plus interest from the date title to the easements vested in the City.

The report of the Commissioners of Appraisal was made December 9, 1910, and filed with the Clerk of New York County on the same day. The City moved to confirm the report, and such motion was submitted to Mr. Justice Giegerich at Special Term, Part III., of the Supreme Court, on March 21, 1911. The owners of Parcel Damage 16 opposed the motion to confirm and the time for the submission of briefs on the motion has been extended to May 1, 1911.

The offer is made in the expectation that by this means the owners will be paid the money more quickly than if they awaited the decision of the Court on the motion to confirm the Commissioners' report.

The offer to sell is also in the nature of a compromise of the owners' claim for compensation, as they are opposing the confirmation of the Commissioners' report on the ground that they are at least entitled to the full amount of the depreciation in value testified to by the witness for the City before the Commissioners of Appraisal. The City's witness testified that since the construction and operation of the elevated road in front of this property it had depreciated in value to the extent of $8,138.90.

The City contends that other injuries entered into the consideration of the City's witness in testifying to the amount of the depreciation as $8,138.90.

As a compromise of the litigation which may and probably will involve an appeal I advise acceptance of the offer of the owner, for the reason that the City will thereby save the expense of further litigation, which cannot possibly result in a smaller liability, and may result in a larger liability on the part of the City.

As the offer is made for the sole purpose of thereby obtaining the money more quickly, I advise its prompt acceptance.

The Board of Estimate and Apportionment has the power to purchase the award under section 1436d of the Charter, added by chapter 328 of the Laws of 1909, but that Board will not act in the matter until advised by the Public Service Commission.

I enclose herewith the letter of Messrs. Shiland, Shoemaker & Hedges, attorneys, dated April 12, 1911, wherein the offer to sell is made on behalf of the owners of the award. Respectfully,

(Signed) G. L. STERLING, Acting Corporation Counsel.

The adoption of the following resolution was thereupon moved and duly seconded:

Resolved, That the purchase of such award for the sum of $7,500, with interest thereon at the rate of six per centum per annum from the 29th day of May, 1906, be and the same hereby is approved.

Ayes—Commissioners Willcox, McCarroll, Bassett, Maltbie, Eustis.

Nays—None.

Carried.

State of New York, County of New York, ss.:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify, that I have compared the above resolution with the original adopted by the said Commission on April 18 1911, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the said Commission, this 25th day of April, 1911.

TRAVIS H. WHITNEY, Secretary.

Department of Finance, City of New York, Comptroller's Office, May 27, 1911.

To the Honorable, The Board of Estimate and Apportionment:

Gentlemen—The Commissioners of Appraisal in a proceeding brought by the City to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 15, Block 2276, on the Tax and Assessment Maps of the Borough of The Bronx, City of New York, extinguished by the elevated extension of the subway in Westchester avenue, awarded to Annie E. Ballantine, John O. H. Pitney and Charles Bradley, as executors and trustees under the last will and testament of Robert F. Ballantine, deceased, as owners of the above parcel, the sum of $7,500 with interest at the rate of 6 per centum per annum from the 29th day of May, 1906, the date on which title to the easements vested in the City.

This report is dated December 9, 1910, and was filed with the Clerk of the County of New York on the same day. On March 21, 1911, a motion was made by the City before Mr. Justice Giegerich, at Special Term, Part III., of the Supreme Court, for the confirmation of this report, which was opposed by the owners of Parcel Damage 16, on the ground that they are at least entitled to the full amount of the depreciation in value testified to by the witness for the City before the Commissioners of Appraisal. The City's witness testified that since the construction and operation of the elevated road in front of this property, it depreciated in value to the extent of $8,138.90, but the City contends that other injuries were considered by the City's witness in testifying to this amount.

The owners of Parcel Damage 16 now offer to sell their award of $7,500 to the City. On April 17, 1911, the Corporation Counsel addressed a communication to the Public Service Commission, advising as a compromise of the litigation which he says may and probably will involve an appeal, that the offer of the owners be accepted, for the reason that the City would thereby save the expense of further litigation, which cannot possibly result in a smaller liability, and may result in a greater liability on the part of the City.

On April 18, 1911, the Public Service Commission adopted the following resolution:

"Resolved, That the purchase of said award for the sum of $7,500, with interest thereon, at the rate of six per centum per annum from the 29th day of May, 1906, be and the same hereby is approved."

After careful consideration I am of the opinion that the interests of the City will be best subserved by purchasing this award.

I therefore respectfully recommend that the Board of Estimate and Apportionment authorize the purchase from Annie E. Ballantine, John O. H. Pitney and Charles Bradley, as executors and trustees under the last will and testament of Robert F. Ballantine, deceased, of the award of $7,500 made to them by the Commissioners of Appraisal in the proceeding by the City to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 15, Block 2276, on the Tax and Assessment Maps of the Borough of The Bronx, City of New York, extinguished by the elevated extension of the subway in Westchester avenue, for the face amount of said award, with interest thereon at the rate of 6 per centum per annum from the 29th day of May, 1906, the date on which title to the easements vested in the City. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 1436d of the Greater New York Charter, as amended by chapter 328 of the Laws of 1909, hereby approves of the action of the Public Service Commission for the First District, relative to the purchase from Annie E. Ballantine, John O. H. Pitney and Charles Bradley, as executors and trustees under the last will and testament of Robert F. Ballantine, deceased, of the award of Seven Thousand Five Hundred Dollars ($7,500) made to them by the Commissioners of Appraisal in the proceeding by the City to acquire easements of light, air and access appurtenant to Parcel Damage 16, known as Lot 15, Block 2276, on the Tax and Assessment Maps of the Borough of The Bronx, City of New York, extinguished by the elevated extension of the subway in Westchester avenue, for the face amount of said award, with interest thereon at the rate of 6 per centum per annum from the 29th day of May, 1906, the date on which title to the easements vested in the City, and authorizes the purchase of said award.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following resolution of the Board of Aldermen requesting an issue of $2,500 special revenue bonds (subdivision 8, section 188 of the Charter), the proceeds to be used by the President of the Borough of Queens for the purpose of equipping the Fourth District City Magistrates' Court, Second Division, in the Town Hall, Jamaica, together with a report of the Comptroller, to whom this application was referred April 13, 1911, recommending an issue of $2,300 for this purpose:

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two thousand five hundred dollars ($2,500), the proceeds whereof to be used by the President of the Borough of Queens for the purpose of equipping the Fourth District City Magistrates' Court, Second Division, in the Town Hall, Jamaica.

Adopted by the Board of Aldermen March 21, 1911, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor April 4, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it. P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 2, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On March 21, 1911, the Board of Aldermen adopted a resolution requesting an issue of $2,500 in special revenue bonds to be used by the President of the Borough of Queens for the purpose of equipping the Fourth District City Magistrate's Court, Second Division, in the Town Hall, Jamaica. In connection therewith, I report as follows:

The Court was opened in February, 1910, occupying quarters with the Coroner's Court. Magistrate Joseph Fitch states the following:

With the approach of summer it is highly necessary that new quarters be provided. The business of this Court is increasing and we occupy the same court room and the same offices as the Coroners of Queens County. It is greatly to their inconvenience and greatly to the disadvantage of the work of the Magistrate's Court. There is absolutely no privacy for any of the Clerks or Attendants of our Court, and even the most confidential business has to be transacted in what is practically a hallway, with all sorts of persons running back and forth through it at all times. This situation is such that a serious miscarriage of justice, such as the escape of a criminal by advance information of what evidence there is against him, or in some similar way is liable to occur at any time. The conditions are peculiarly within my knowledge, as I have presided in this Court during the present month.

It is proposed to move the court into rooms formerly occupied by the Police Department. The Superintendent of Public Buildings and Offices for the Borough of Queens estimates the cost of necessary equipment at $2,366 as follows:

Court Room.

1 Magistrate's bench	$75 00	
2 Clerk's desks	60 00	
1 large table	20 00	
28-foot rail, two gates	85 00	
1 Magistrate's chair	25 00	
2 Clerk's chairs	30 00	
6 Court chairs	30 00	
12 Court benches	120 00	
2 large window shades	10 00	
12 cuspidors	48 00	
45 yards of carpet	90 00	
72 yards of linoleum	63 00	
		$656 00

Magistrate's, Chief Clerk's, Complaint Clerk's, Probation Officers', Stenographers' and Waiting Rooms.

4 desks	$240 00	
2 tables, one large, one small	35 00	
1 wardrobe	20 00	
1 umbrella stand	5 00	
1 Magistrate's chair	20 00	
4 Clerk's chairs	60 00	
18 office chairs	75 00	
12 cuspidors	48 00	
4 large window shades	20 00	
4 filing cabinets	240 00	
38 yards of carpet	60 00	
46 yards of linoleum	40 00	
		$863 00

Partition Work.

67 foot (running), 7 foot high, 10 foot transom	$737 00	
27 foot (running), 7 foot high	110 00	
		$847 00
		$2,366 00

I recommend that the resolution of the Board of Aldermen be approved to the extent of $2,300 by the adoption of the attached resolution.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on March 21, 1911, requesting an issue of special revenue bonds in the sum of two thousand five hundred dollars ($2,500), to be used by the President of the Borough of Queens for the purpose of equipping the Fourth District City Magistrate's Court, Second Division, in the Town Hall, Jamaica, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, to the extent of two thousand three hundred dollars ($2,300), and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding two thousand three hundred dollars ($2,300), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending that the resolution of the Board of Aldermen, requesting that the wages of Licensed Firemen and others in the employ of The City of New York be increased from $3 to $3.50 per diem, be referred to the heads of departments in which Firemen are employed for their consideration, as recommendations for increases in wages should come from the heads of departments with the reasons therefor.

Which was referred to the departments affected, and the Secretary directed to transmit a copy thereof to the Board of Aldermen.

(On March 30, 1911, the resolution of the Board of Aldermen, as above, was referred to said Committee.)

The Secretary presented a presentment of the Grand Jury of Queens County (April Term), recommending the establishment of the paid Fire Department in all parts of the Borough of Queens.

Which was ordered filed.

The Secretary presented reports of the Fire Commissioner relative to the establishment of the paid Fire Department in the Second Ward and in the Ridgewood Heights and Whitestone sections of the Borough of Queens, stating that the Fire Department owns two sites, one in the Ridgewood section and one in the Whitestone section of said Borough, will request this Board at an early date for an appropriation to be used for the erection of fire houses on said sites, and will also request an appropriation for the establishment of the paid Department in the Second Ward in the corporate stock estimate.

Which was ordered filed, and the Secretary directed to transmit copies thereof to those interested.

Mr. James O'Brien addressed the Board on the subject of the extension of the paid Fire Department in the Borough of Queens.

(On April 20, 1911, communications from the Real Estate Exchange of Long Island, requesting the establishment of the paid Fire Department in the Second Ward of the Borough of Queens, and from the Whitestone Improvement Association urging the establishment of the paid Department in Whitestone, were referred to the Fire Commissioner; and on April 27, 1911, communications from the Ridgewood Heights Improvement Association, requesting the establishment of the paid Department in the Ridgewood Heights section, and from the Elmhurst Taxpayers' Association, requesting the establishment of the paid Department in the Second Ward, were also referred to said Commissioner.)

The Board then proceeded to hold a hearing in the matter of the complaint of the Central Federated Union of Greater New York and Vicinity, on the delay experienced by members of said Union employed by the City in receiving their wages.

Mr. Edward Hannah addressed the Board on the subject, and no one else desiring to be heard the Chair declared the hearing closed.

(On April 27, 1911, a communication from the Central Federated Union relative to the above matter was presented to the Board, and a hearing thereon was set for this meeting.)

The Secretary presented the following resolution offered by the President of the Board of Aldermen, at the meeting held May 4, 1911, and ordered on the Calendar for consideration at this meeting:

"Resolved, That this Board hereby condemns and disapproves those provisions of the proposed Charter for The City of New York, prepared by the Law Department, and now pending before the Legislature, in the form of a bill entitled, An Act Constituting the Charter of The City of New York, which relate to the powers and functions of this Board; and be it further

"Resolved, That a committee of this Board, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Board of Aldermen, be hereby appointed, with instructions to appear before the Joint Committee on the affairs of cities now holding hearings upon said proposed Charter, and to oppose the enactment into law of such provisions of said proposed Charter."

The President of the Borough of Manhattan offered the following resolution as a substitute:

Resolved, That the Committee, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Board of Aldermen, be authorized, after conference with the Mayor, to submit to the Legislative Committee such recommendations with relation to the pending Charter in its effect upon the powers and functions of the Board of Estimate and Apportionment as may be agreed upon after such conference.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a resolution of the Board of Aldermen requesting this Board to consider the advisability of purchasing Madison Square Garden for the City, and maintaining, continuing and renting same for exhibitions, meetings and other public gatherings.

Which was ordered filed.

((On April 27, 1911, the above resolution was presented to the Board and ordered placed on the calendar for this meeting for discussion.)

The Board then proceeded to the consideration of Assembly Bill 148, Introductory 147, entitled, An Act to amend the public officers law, in relation to vacations for persons in the service of the State and of the several civil subdivisions thereof.

On motion of the President of the Borough of The Bronx, his Honor the Mayor, was requested to communicate with the Governor of the State of New York and urge that the approval of said Act be withheld.

The Secretary presented the following communication from the Comptroller requesting a revision of the salary schedules supporting the appropriation made in the Budget for the year 1911, for the Department of Finance, to provide for the transfer of a Janitor at $1,050 per annum to the position of Messenger at the same rate of salary, and for the employment of two Bookbinders at $1,200 each per annum, and for various other changes:

City of New York, Department of Finance, Comptroller's Office, May 8, 1911.

The Honorable Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the Budget schedule lines supporting the salaries appropriations as made to the Department of Finance, Comptroller's Office, for the year 1911, be revised in order to provide:

First—For the transfer of a Janitor to the position of Messenger at the same salary as at present, $1,050.

Second—For the employment of two Bookbinders with salary at twelve hundred dollars ($1,200) per annum each, and for various other changes as shown in accompanying resolution, which is submitted for adoption.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the following modifications of the schedules of salaries supporting the appropriations made to the Department of Finance for the year 1911, entitled, and as follows:

Executive Division—

25. Salaries:

Deputy Comptrollers, 2 at $7,500	$15,000 00
Assistant Deputy Comptroller	6,000 00
Secretary to the Department	6,000 00
Clerk to the Comptroller	2,100 00
Stenographer to the Comptroller	1,500 00
Chief Stock and Bond Clerk	5,000 00
Chief Examiner of Accounts of Institutions	5,000 00
Appraiser of Real Estate	4,000 00
Clerk	3,000 00
Clerk (Chief)	2,800 00
Clerk	2,800 00
Clerks, 2 at $2,400	4,800 00
Clerks, 2 at $2,250	4,500 00
Clerk	2,100 00
Clerk	1,950 00
Clerks, 4 at $1,800	7,200 00
Clerks, 6 at $1,650	9,900 00
Clerks, 4 at $1,350	5,400 00
Clerks, 5 at $1,200	6,000 00
Clerks, 5 at $1,050	5,250 00
Clerks, 4 at $900	3,600 00
Clerks, 5 at $750	3,750 00
Clerk	600 00
Clerks, 9 at $540	4,860 00
Clerks, 6 at $480	2,880 00
Clerks, 8 at $300	2,400 00
City Paymaster	6,000 00
Deputy City Paymasters, 8 at $2,500	20,000 00
Auditor of Accounts	6,000 00
Auditors of Accounts, 2 at $4,000	8,000 00
Auditor of Accounts	3,000 00
Deputy Auditor of Accounts	2,100 00
Examiner	5,000 00
Examiners, 2 at $2,550	5,100 00
Examiners, 5 at $2,100	10,500 00
Examiners, 6 at $1,800	10,800 00
Examiners, 4 at $1,650	6,600 00
Examiners, 4 at $1,500	6,000 00
Examining Inspectors, 2 at $1,650	3,300 00
Examining Inspectors, 3 at $1,500	4,500 00
Stenographers and Typewriters, 3 at $1,500	4,500 00
Stenographers and Typewriters, 8 at $1,350	10,800 00
Stenographers and Typewriters, 4 at $1,050	4,200 00

Stenographer and Typewriter	900 00
Stenographer and Book Typewriter	1,050 00
Stenographers and Typewriters, 3 at $750	2,250 00
Typewriting Copyist	900 00
Bank Messengers, 2 at $1,200	2,400 00
Messengers, 4 at $1,350	5,400 00
Messengers, 2 at $1,200	2,400 00
Extra Messenger	1,050 00
Telephone Operators, 3 at $1,050	3,150 00
Janitor	1,050 00
Watchmen, 4 at $900	3,600 00
Janitress	540 00
Bookkeeper	4,000 00
Bookkeeper	1,950 00
Bookkeepers, 3 at $1,350	4,050 00
Bookkeepers, 6 at $1,200	7,200 00
Cashier	1,800 00
Financial Clerk	2,100 00
Financial Clerk	1,950 00
Financial Clerks, 5 at $1,800	9,000 00
Financial Clerks, 4 at $1,650	6,600 00
Financial Clerks, 2 at $1,500	3,000 00
Financial Clerks, 9 at $1,350	12,150 00
Financial Clerks, 4 at $1,200	4,800 00
Financial Clerk in Paymaster's	1,050 00
Stock and Bond Clerks, 4 at $2,100	8,400 00
Stock and Bond Clerk	1,950 00
Bookbinders, 2 at $1,200	2,400 00
Topographical Draftsman	1,500 00
Topographical Draftsman	1,350 00
Law Clerk	2,300 00
Law Clerk	1,800 00
Law Clerk	1,200 00
Medical Examiner	2,500 00
Inspector of Sewer Construction	1,500 00
Balance unassigned	10 00
	$344,040 00

Revenue, Taxes, Assessments and Arrears, Miscellaneous—

32. Salaries:

Receiver of Taxes	$6,000 00
Deputy Receivers of Taxes, 2 at $4,000	8,000 00
Deputy Receivers of Taxes, 2 at $3,750	7,500 00
Deputy Receivers of Taxes, 3 at $2,500	7,500 00
Deputy Receivers of Taxes, 3 at $2,100	6,300 00
Collector of Assessments and Arrears	4,500 00
Deputy Collector of Assessments and Arrears	4,000 00
Deputy Collector of Assessments and Arrears	3,500 00
Deputy Collectors of Assessments and Arrears, 2 at $2,250	4,500 00
Deputy Collector of Assessments and Arrears	2,000 00
Collector of City Revenue and Superintendent of Markets	3,000 00
Cashier	2,500 00
Cashiers, 2 at $2,100	4,200 00
Cashiers, 2 at $1,800	3,600 00
Cashiers, 4 at $1,650	6,600 00
Cashiers, 3 at $1,500	4,500 00
Accountant	1,800 00
Accountants, 2 at $1,500	3,000 00
Bookkeeper	2,250 00
Bookkeepers, 2 at $1,800	3,600 00
Bookkeepers, 2 at $1,500	3,000 00
Bookkeepers, 6 at $1,200	7,200 00
Clerk	2,400 00
Clerks, 4 at $1,950	7,800 00
Clerks, 6 at $1,800	10,800 00
Clerks, 9 at $1,650	14,850 00
Clerks, 12 at $1,500	18,000 00
Clerks, 18 at $1,350	24,300 00
Clerks, 15 at $1,200	18,000 00
Clerks, 28 at $1,050	29,400 00
Clerks, 6 at $900	5,400 00
Clerks, 2 at $750	1,500 00
Clerks, 2 at $600	1,200 00
Clerks, 3 at $540	1,620 00
Clerk	480 00
Clerk	300 00
Financial Clerk	2,400 00
Financial Clerk	1,950 00
Financial Clerk	1,800 00
Financial Clerks, 2 at $1,650	3,300 00
Financial Clerk	1,500 00
Financial Clerk	1,050 00
Collection Clerk	1,650 00
Collection Clerks, 2 at $1,500	3,000 00
Collection Clerks, 3 at $1,350	4,050 00
Clerk with special knowledge of handwriting	1,050 00
Stenographer and Typewriter	1,200 00
Stenographer and Typewriter	1,050 00
Stenographer and Typewriter	900 00
Stenographer and Typewriter	750 00
Typewriting Copyist	1,050 00
Bank Messengers, 5 at $1,200	6,000 00
Messengers, 2 at $1,200	2,400 00
Messengers, 2 at $1,050	2,100 00
Balance unassigned	1,460 00
	$273,760 00

Bureau Municipal Investigation and Statistics—

33. Salaries:

Supervising Statistician and Examiner	$6,000 00
Auditor of Accounts	5,000 00
Expert Accountants, 3 at $4,000	12,000 00
Expert Accountants, 2 at $3,500	7,000 00
Expert Accountant	2,500 00
Examiner	5,000 00
Examiner	3,500 00
Examiners, 2 at $3,000	6,000 00
Examiner	2,850 00
Examiner	2,250 00
Examiner	2,100 00
Auditor of Accounts	3,000 00
Accountant	2,400 00
Statistician	1,650 00
Clerk	2,100 00
Clerk	1,800 00
Clerk	1,650 00
Clerk	1,500 00
Clerks, 2 at $1,350	2,700 00
Clerk	600 00
Clerk	540 00
Clerks, 2 at $300	600 00
Clerk with knowledge of statistics	1,500 00
Principal Assistant Engineer	6,000 00
Assistant Engineers, 2 at $3,600	7,200 00
Assistant Engineer	3,000 00
Assistant Engineer	2,400 00
Assistant Engineer	1,800 00
Stenographer and Typewriter	1,200 00
Stenographers and Typewriters, 3 at $900	2,700 00
Stenographers and Typewriters, 2 at $750	1,500 00
Balance unassigned	1,050 00
	$101,090 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Acting President of the Borough of Brooklyn transmitting a copy of a proposed agreement between The City of New York and the Brooklyn Heights Railroad Company relative to the repaving of Flatbush avenue, from Lincoln road to Foster avenue:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, May 8, 1911.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment:*

Dear Sir—I transmit herewith copy of proposed agreement between The City of New York and the Brooklyn Heights Railroad Company, for the repaving of Flatbush avenue, from Lincoln road to Foster avenue.

This agreement is transmitted to the Board of Estimate and Apportionment with the request that approval be granted the President of the Borough of Brooklyn to enter into this agreement with the Railroad Company. This agreement, if entered into, will allow the Railroad Company and the Borough to lay tracks on Flatbush avenue and repave this thoroughfare, which is in great need of such improvement. It does not prejudice the rights of either party.

I respectfully request that this matter be placed on the calendar for consideration at the meeting of the Board to be held on the 11th. Yours very truly,

L. H. POUNDS, Acting Borough President.

Agreement made and entered into this day of , 1911, between The City of New York, acting through the Borough President of the Borough of Brooklyn, party of the first part, and the Brooklyn Heights Railroad Company, as lessee of the Brooklyn City Railroad Company, party of the second part, witnesseth:

Whereas, The Brooklyn Heights Railroad Company owns, and the party of the second part, by virtue of an indenture of lease bearing date February 14, 1893, leases, maintains and operates a double track street surface railroad in Flatbush avenue, including the section thereof from Lincoln road to Nostrand avenue; and

Whereas, The party of the first part intends to repave Flatbush avenue, from Lincoln road to Foster avenue, and claims that the party of the second part is obligated to repave the avenue between the outer rails of the tracks and two feet in width outside the outer rails of the tracks of said railroad, under the supervision of the proper local authorities, whenever required by them so to do, and in such manner as they may prescribe; and

Whereas, The party of the second part claims that it is not under such obligation with respect to said section of Flatbush avenue, and particularly with respect to the section thereof between Lincoln road and Vernon avenue; and

Whereas, The parties are unable to agree in advance upon their respective rights, powers, duties or obligations or as to the extent or character thereof; and

Whereas, The parties desire, for their mutual convenience and for the benefit of the public, to enter into an agreement under which said work may be done promptly, without prejudice or hindrance, and all questions of dispute may be held in abeyance and determined and settled after the work is completed,

Now, therefore, for and in consideration of the premises and of the sum of one dollar, lawful money of the United States, by each party to the other party in hand paid, the receipt of which is hereby acknowledged, the parties hereto do hereby agree as follows:

First—The party of the second part shall repave that portion of Flatbush avenue within the outer rails of said tracks from Lincoln road to Nostrand avenue, with new granite block on cinder concrete foundation, that being the kind of pavement designated by the party of the first part. The party of the first part, in connection with the repaving of the remainder of Flatbush avenue, from Lincoln road to Nostrand avenue, shall repave with improved pavement the portion thereof included within the two-foot strips outside of and adjacent to the outer rails of said tracks.

Second—This agreement is made, and the said work shall be done, wholly without prejudice or hindrance and without in any way operating to waive, forfeit or impair any of the rights, powers, exemptions, obligations or duties of the parties.

Third—Either party hereto shall have the right to commence an action against the other party for the recovery of the moneys expended by it in doing said work. The action shall be commenced in the Supreme Court, New York or Kings County, within six months after the work is completed, and, when commenced by either party, the other party shall in its answer thereto set up and allege its claims and demands by way of counter-claim. If it is finally decided in such action that the party of the second part was obligated to repave with improved pavement all or a part of said two-foot strips, the party of the first part shall recover judgment for all or a corresponding part of the moneys actually and reasonably expended by it in doing such work; and, if it is finally decided that the party of the second part was not obligated to repave all or some part of the avenue within the outer rails of said tracks or, if obligated, that the obligation was to repave with a less expensive kind of pavement than new granite block or cinder concrete foundation, then the party of the second part shall recover judgment against the party of the first part for all or a corresponding part of the moneys actually and reasonably expended by it in doing such work, or for the excess amount over and above what it would have cost to do the work with the less expensive kind of pavement.

Fourth—This agreement shall not be signed and become binding upon the parties until it shall have been approved and its execution on behalf of the party of the first part duly authorized by the Board of Estimate and Apportionment.

In witness whereof the party of the first part has caused its name to be hereunto subscribed by the Borough President of the Borough of Brooklyn, and the party of the second part has caused its name to be hereunto subscribed by its duly authorized officers, the day and year first above written.

THE CITY OF NEW YORK, By....., Borough President of the Borough of Brooklyn; THE BROOKLYN HEIGHTS RAILROAD COMPANY, By..... Vice President and General Manager.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the proposed agreement submitted by the Acting President of the Borough of Brooklyn under date of May 8, 1911, to be entered into by The City of New York, acting through the President of the Borough of Brooklyn, and the Brooklyn Heights Railroad Company relative to the repaving of Flatbush avenue, from Lincoln road to Foster avenue, Borough of Brooklyn.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a communication from the President of the Borough of The Bronx, recommending that this Board request the Board of Aldermen to authorize an issue of special revenue bonds in the sum of $7,752.50, to provide for advisable increase in salaries of the attaches of the Secretary's Office and of the Engineering staff of the Board of Estimate and Apportionment, from June 1, and that the Secretary of the Board be requested to prepare the necessary resolutions for the revision of salary schedules and the creation of such grades, covered by the revised schedule, as have not already been provided and which would be necessary to carry into effect the proposed changes.

Which was laid over one week to enable the Committee on Standardization of Salaries and Grades to make a formal report on the subject.

The following transfers of appropriations were made upon the recommendation of the Comptroller:

$6,420.13 within the appropriation made to the Law Department for the year 1909.

Law Department, Office of the Corporation Counsel, New York, ...

To the Honorable, the Board of Estimate and Apportionment of The City of New York:

Sirs—A bill has been presented by Hon. Morgan J. O'Brien for services as Referee in the action of the American Sugar Refining Company of New York vs. The City of New York et al., amounting to $7,720.13. Of this amount, $6,420.13 is for services and disbursements during 1909, and the balance for services during 1911.

The action was brought to restrain the defendants from cutting off the supply of water to the plaintiff's refineries, because of the non-payment of water charges amounting to $525,600. The Referee's decision was in favor of the City and the rate at which the Referee should charge for his services was agreed upon by counsel. The amount of the Referee's bill will be included in the City's bill of costs, and, unless the judgment is reversed upon appeal, will eventually be returned to the City Treasury. It is necessary at this time, however, to make provision for the payment of the referee's bill.

In the appropriation of this Department for "Contingencies, 1909," there is only a small balance, all of which is needed to meet bills which are now being adjusted. In the appropriations for the same year for "General Supplies," "Telephone" and "Expenses in connection with actions and proceedings brought by or against gas and electric light companies and other public utility corporations," there are balances which apparently will not be needed, and I therefore request that the following transfers be made, in order that the Referee's bill may be paid:

From

"General Supplies, 1909"	$1,953 06
"Telephone, 1909"	1,182 07
"Expenses in connection with actions and proceedings brought by or against gas and electric light companies and other public utility corporations, 1909"	3,285 00
	$6,420 13

To

"Contingencies, 1909"	$6,420 13

The balance of the Referee's bill, amounting to $1,300 for services rendered during 1911 will be certified for payment from the appropriation to this Department for Contingencies for that year.

A copy of the Referee's bill, and the stipulation fixing the rate of the Referee's charges, are herewith enclosed.

Yours respectfully, ARCHIBALD R. WATSON, Corporation Counsel.
2 Rector Street, New York City, April 6, 1911.

The City of New York to Morgan J. O'Brien, Dr., Referee:

In full for services as Referee in the case of American Sugar Refining Company of New York, Plaintiff, vs. The City of New York and John H. O'Brien, as Commissioner of Water Supply, Gas and Electricity of The City of New York, based upon stipulation dated April 7, 1910, a copy of which is hereto annexed, as follows:

1909	63 days spent in taking of testimony	$6,300 00
	10 days spent in consideration of case and preparation of opinion	1,000 00
1911	3 days spent in settlement of findings and report	300 00
	Disbursements—Stenographic work on opinion, carefare, telephones, clerk's detention, etc.	120 13
		$7,720 13

Received payment,

American Sugar Refining Company of New York, Plaintiff, against The City of New York and John H. O'Brien as Commissioner of Water Supply, Gas and Electricity of The City of New York, Defendants.

It is hereby stipulated by and between counsel for the respective parties hereto that the fees of the Referee shall be at and after the rate of $100 per day for actual sessions, and $20 for adjournments, which fee shall apply to the days actually spent in the taking of testimony, and also in the consideration of the case and the time required to make up his report.

Dated, April 7, 1910.

PARSONS, CLOSSON & McILVAINE, Attorneys for Plaintiff; ARCHIBALD R. WATSON, Attorney for Defendants.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a request of the Corporation Counsel on April 19, 1911, for the transfer of $6,420.13 within appropriations to the Law Department for the year 1909, I report as follows:

The transfer is on account of a bill for $7,720.13 from Morgan J. O'Brien for Services as Referee in the action of the American Sugar Refining Company of New York vs. The City of New York, et al. The $6,420.13 is for services and disbursements during 1909, and the balance for services in 1911. The Corporation Counsel states the following:

The action was brought to restrain the defendants from cutting off the supply of water to the plaintiff's refineries, because of the non-payment of water charges amounting to $525,600. The Referee's decision was in favor of the City and the rate at which the Referee should charge for his services was agreed upon by counsel. The amount of the Referee's bill will be included in the City's bill of costs, and, unless the judgment is reversed upon appeal, will eventually be returned to the City Treasury. It is necessary at this time, however, to make provision for the payment of the Referee's bill.

The fee agreed upon was $100 a day. The 1909 bill in detail is as follows:

63 days spent in taking of testimony	$6,300 00
10 days spent in consideration of case and preparation of opinion	1,000 00
Disbursements—Stenographic work on opinion, carfare, telephones, Clerks' detention, etc.	120 13
	$6,420 13

It is proposed to make the bill a contingency charge. The Corporation Counsel states that the balance of $809.60 in the Account for Contingencies is covered by other liabilities. The debit transfer is from three accounts, as follows:

68. General supplies	$1,953 06
69. Telephones, rental of	1,182 07
73. Expenses in connection with actions and proceedings brought by or against Gas and Electric Light Companies and other public utility corporations, including deficiencies	3,285 00
	$6,420 13

I recommend that the request be granted by the adoption of the attached resolution. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 237 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the transfer of funds appropriated to the Law Department for the year 1909, as follows:

From

68. General Supplies	$1,953 06
69. Telephones, Rental of	1,182 07
73. Expenses in connection with Actions and Proceedings brought by or against Gas and Electric Light Companies and other Public Utility Corporations, including deficiencies	3,285 00
	$6,420 13

To

70. Contingencies	$6,420 13

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

—

$250 within the appropriation made to the Sheriff of Kings County for the year 1911.

Office of the Sheriff of Kings County, Court House, Borough of Brooklyn, New York City, N. Y., Brooklyn, N. Y., April 18, 1911.

Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—It is respectfully requested that the sum of two hundred and fifty dollars ($250) be transferred from Schedule 2104, 1911, General Supplies, Sheriff of Kings County, to Schedule 2109, 1911, General Supplies, County Jail, to meet a deficiency. Respectfully yours,

PATRICK H. QUINN, Sheriff, Kings County.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a request of the Sheriff of Kings County on April 18, 1911, for the transfer of $250 within appropriations to his office for the year 1911, I report as follows:

The proposed transfer is from Sheriff's Office, 2104, General Supplies, to County Jail, 2109, General Supplies. The appropriation for No. 2109 was $200. The Sheriff states that the additional $250 is needed on account of an increase of 35 prisoners in the jail.

I recommend that the request be approved by the adoption of the attached resolution. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 237 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the transfer of funds appropriated to the office of the Sheriff of Kings County for the year 1911, as follows:

From

Sheriff's Office—	
2104. General Supplies	$250 00

To

County Jail—	
2109. General Supplies	$250 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

—

$500 within the appropriation made to the Department of Water Supply, Gas and Electricity for the year 1911, to provide for the purchase of furniture and fittings for the newly established Division of Construction and Maintenance.

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, April 11, 1911.

The Honorable, the Board of Estimate and Apportionment, City of New York:

Gentlemen—In order to meet the requirements of this Department, I would respectfully request the transfer to and from of the following funds of the Appropriation Accounts authorized for this Department for the year 1911, viz.:

From

Heat, Light and Power—	
Borough of Queens, Bureau of Electrical Inspection:	
Hired Teams, Horses and Carts, 1911, No. 689	$375 00
Borough of Richmond, Bureau of Lamps and Lighting:	
Hired Teams, Horses and Carts, 1911, No 698	125 00
	$500 00

To

Heat, Light and Power—	
Boroughs of Manhattan and The Bronx, Bureau of Lamps and Lighting:	
Furniture and Fittings, 1911, No. 636	$500 00

Very truly yours, HENRY S. THOMPSON, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 9, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 11, 1911, the Commissioner of Water Supply, Gas and Electricity requested transfer of $500 within appropriations to his Department for 1911. In connection therewith, I report as follows:

It is proposed to transfer $375 from 689, Hired Teams, Horses and Carts, in the Bureau of Electrical Inspection, Queens, and $125 from 698, Hired Teams, Horses and Carts, in the Bureau of Lamps and Lighting, Richmond. The credit transfer is for 636, Purchase of Furniture and Fittings, in the Bureau of Lamps and Lighting, Manhattan and The Bronx. The appropriation for No. 636 was $400. It is stated that the additional $500 is for the purchase of furniture and fittings for the newly established Division of Construction and Maintenance, for supervision of the installation of wiring and all lighting and electrical construction in the various City departments, buildings and offices. A representative of the Commissioner states that the furniture now in the Division is antiquated and inadequate.

The unencumbered balance in No. 636, on May 1, 1911, was $143.07. The estimated expenditures are as follows:

2 revolving chairs	$35 00
3 tables	75 00
1 steel map cabinet	87 00
1 long carriage typewriter	97 50
1 regulation typewriter	81 00
1 Typewriter's desk and chair	30 00
4 armchairs	20 00
1 flat top desk	25 00
2 book cases	100 00
Shelving for records	93 00
	$643 50

I recommend the adoption of the attached resolution granting the request. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Water Supply, Gas and Electricity for the year 1911, as follows:

From

Heat, Light and Power, Borough of Queens, Bureau of Electrical Inspections—	
689. Hired teams, horses and carts	$375 00
Heat, Light and Power, Borough of Richmond, Bureau of Lamps and Lighting—	
698. Hired teams, horses and carts	125 00

To

Heat, Light and Power, Boroughs of Manhattan and The Bronx, Bureau of Lamps and Lighting—	
636. Purchases of furniture and fittings	$500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

—

$125.79 within the appropriations to the Armory Board for the year 1908, to provide for a deficit in the fuel account for Squadron A.

Office of the Secretary, the Armory Board, Basement Suite 6, Hall of Records, New York, March 6, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—I have the honor to request your approval of the transfer of one hundred

and twenty-five dollars and seventy-nine cents ($125.79), from appropriations made to the Armory Board for the year 1908, as follows:

From

Boroughs of Manhattan and The Bronx, Repairs and Supplies—

1908 760	$3 05
1908 762	22 00
1908 765	13 50
1908 769	17 28
1908 774	69 96
	$125 79

—the same being in excess of the amounts required for the purposes thereof, to the appropriation made to the Armory Board for the year 1908, entitled as follows:

Boroughs of Manhattan and The Bronx, Repairs and Supplies—

1908 766	$125 79

These transfers are made necessary by the following unanticipated expenditure:

Code No.	Title.	Budget, 1908.	Expenditures Including Outstanding Liabilities	Deficit.
1908 766				$125 79

Respectfully, C. D. RHINEHART, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 9, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On March 6, 1911, the Secretary of the Armory Board requested the transfer of $125.79 within appropriations to the Board for the year 1908. In connection therewith I report as follows:

The proposed transfer is to Account 766, Squadron "A," Repairs and Supplies. The appropriation of $5,500 for No. 766 was decreased to $4,394.53 by debit transfers. The expenditures and outstanding liabilities amount to $4,520.32, thereby giving a deficit of $125.79. It is stated that when the debit transfers were made it was stated that $4,394.53 would be sufficient for the year. The oustanding bills are for coal delivered by other than the contractor. The Armory Board refused to accept the bills until recently when the contractor made known that the coal had been delivered on his order.

To make up the required transfer it is proposed to use balances in other 1908 accounts, for repairs and supplies, as follows:

760. 8th Battalion	$3 05
762. 12th Regiment	22 00
765. 71st Regiment	13 50
769. First Signal Corps	17 28
774. Field Hospital Headquarters	69 96
	$125 79

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Armory Board for the year 1908, as follows:

From

Boroughs of Manhattan and The Bronx—
Repairs and Supplies:

760. Eighth Battalion	$3 05
762. Twelfth Regiment	22 00
765. Seventy-first Regiment	13 50
769. First Signal Corps	17 28
774. Field Hospital Headquarters	69 96
	$125 79

To

Boroughs of Manhattan and The Bronx—
Repairs and Supplies:

766. Squadron "A"	$125 79

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following resolution of the Board of Aldermen requesting, and report of the Comptroller recommending, an issue of $10,000 special revenue bonds (subdivision 8, section 188 of the Charter), to provide for the purchase by the Commissioner of Street Cleaning of rubber hose, hose carriages and couplings:

(On April 13, 1911, the resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of ten thousand dollars ($10,000), the proceeds whereof to be used by the Department of Street Cleaning for the purpose of purchasing rubber hose, hose carriers and couplings.

Adopted by the Board of Aldermen, March 21, 1911, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor April 4, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 8, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a resolution adopted by the Board of Aldermen on March 21, 1911, requesting an issue of special revenue bonds to the amount of $10,000, the proceeds to be used by the Commissioner of Street Cleaning for the purchase of rubber hose, hose carriages and couplings, I report as follows:

I am informed that the Committee appointed by your Board to consider and determine the best methods for flushing streets is not yet ready to submit a final report. As there is immediate need for additional hose, hose carriages and couplings to enable the Commissioner to carry on the present method of flushing, that Committee advised him to make application to the Board of Aldermen for special revenue bonds for this purpose.

In view of this fact, I recommend the adoption of the attached resolution granting the request. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on March 21, 1911, requesting an issue of special revenue bonds in the sum of ten thousand dollars ($10,000), the proceeds to be used by the Commissioner of the Department of Street Cleaning for the purchase of rubber hose, hose carriages and couplings, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding ten thousand dollars ($10,000), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following resolution of the Board of Aldermen requesting an issue of $9,500 special revenue bonds (subdivision 8, section 188 of the Charter), to provide for the purchase by the Commissioner of Parks, Boroughs of Manhattan and Richmond, of coal for the New York Public Library during 1910-1911, together with a report of the Comptroller, to whom this application was referred April 13, 1911, recommending an issue of $8,600 for this purpose:

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of nine thousand five hundred dollars ($9,500), the proceeds whereof to be used by the Park Commissioner, Boroughs of Manhattan and Richmond, for the purpose of purchasing coal for the New York Public Library during 1910-1911.

Adopted by the Board of Aldermen, March 21, 1911, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor April 4, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On March 21, 1911, the Board of Aldermen adopted a resolution requesting $9,500 in special revenue bonds, to be used by the Park Commissioners, Boroughs of Manhattan and Richmond, for the purchase of coal for the New York Public Library during 1910-1911. In connection therewith I report as follows:

The Commissioner states that up to November 1, 1910, coal for the drying out of the new library was purchased from corporate stock funds. On March 2, 1911, the Board of Estimate and Apportionment disapproved of a proposed form of contract and specifications for 2,000 tons of pea coal, for the reason that coal for heating purposes should be charged to the Maintenance Fund, and not, as proposed, to Corporate Stock. During the six months ending April 30, 1911, 1,800 tons of pea coal, at $4.19 a ton, were delivered, giving liabilities as follows:

November	$880 78
December	440 00
January	1,816 69
February	3,535 32
March	442 95
April	440 00
	$7,555 74

It is estimated that an additional 250 tons at a cost of $1,407.50 will be needed. This would give a total liability since November 1, 1910, of $8,603.24 for the temporary heating.

I recommend the adoption of the attached resolution approving of the request to the extent of $8,600. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on March 21, 1911, requesting an issue of special revenue bonds in the sum of nine thousand five hundred dollars ($9,500), the proceeds whereof to be used by the Park Commissioner, Boroughs of Manhattan and Richmond, for the purpose of purchasing coal for the New York Public Library during 1910 and 1911, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment to the extent of eight thousand six hundred dollars ($8,600), and for the purpose of providing means therefor the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding eight thousand six hundred dollars ($8,600), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the College of the City of New York requesting, and report of the Comptroller recommending, approval, pursuant to resolution adopted June 3, 1910, of the plans, specifications and estimate of cost ($900) for an ash lift in the boiler room of the Mechanic Arts Building of said College:

The College of The City of New York, Office of the Curator, St. Nicholas Terrace and 139th Street, April 7, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York,* 280 Broadway, New York City:

Dear Sir—Pursuant to the resolution of the Board of Estimate and Apportionment there is herewith transmitted, for approval, plans and specifications for the installation of an ash lift in the boiler room, Mechanic Arts Building. This is one of the items included in the Bond Budget, adopted by the Board on June 3, 1910. Very truly yours,

R. V. DAVIS, Jr., Curator.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 4, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 7, 1911, the College of The City of New York submitted for the approval of the Board of Estimate and Apportionment plans and specifications for an ash elevator in the boiler room of the Mechanic Arts Building. On April 10, 1911, the estimated cost was given as $900.

In the Corporate Stock Budget adopted by the Board of Estimate and Apportionment June 3, 1910, the amount of $1,500 was released for improving the ash elevator system at the College of The City of New York.

At present the ashes from the boiler room of the Mechanic Arts Building are raised to the street level in ash cans by a platform elevator. It is proposed to remove the platform elevator and install in its place a conveyor consisting of an endless chain carrying buckets and delivering the ashes directly from the cellar into the carts of the Street Cleaning Department. This will improve the appearance of the exterior of the building and will be a labor saving improvement.

The plans and specifications are properly drawn and the estimated cost is reasonable.

I recommend that they be approved by the adoption of the attached resolution.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted June 3, 1910, hereby approves the plans, specifications and estimate of cost, nine hundred dollars ($900), for an ash lift in the boiler room of the Mechanic Arts Building, College of the City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Fire Department requesting, and report of the Comptroller recommending, approval, pursuant to resolution adopted June 3, 1910, of the specifications and estimate of cost ($300) for a fire escape on Fire Department Headquarters Building, Brooklyn:

Fire Department of The City of New York, Office of the Commissioner, New York, March 31, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—I intend to place a fire escape on Headquarters Building, 365 Jay street, Brooklyn, and request authority from the Board of Estimate and Apportionment to charge the cost, about $300, against bond issue, "For Improving, Permanently Bettering and Equipping Headquarters Building, Jay Street," Account C-FD-26-O.

The specification for the work is transmitted herewith. Respectfully,

R. WALDO, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 5, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On March 31, 1911, the Commissioner of the Fire Department submitted for the approval of the Board of Estimate and Apportionment specifications and estimates of cost, $300, for a fire escape on the Headquarters Building at 365 Jay street, Brooklyn.

The estimated cost is the lowest of three bids received for the work.

The specifications as submitted for approval are not clear as to the amount of work required, and at the suggestion of the Department of Finance a letter has been secured from the low bidders stating that their bid includes the installation of a fire escape on the south side of the building, taking in two windows and extending from the top story to the bottom floor with ladder to street floor and ladder from the top floor to the roof. All work to be done in accordance with the rules of the Building Department.

Three hundred dollars ($300) is a fair price for such a fire escape, and I recommend that the specifications and estimate of cost be approved in order that the lowest bid may be accepted.

A resolution is hereto attached, which, if adopted, will carry out the above recommendation. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted June 3, 1910, hereby approves the specifications and estimate of cost, three hundred dollars ($300) for a fire escape on Fire Department Headquarters Building, 365 Jay street, Brooklyn.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a report of the Comptroller, returning for filing communication from the County Clerk of Queens County, requesting an appropriation of $9,000 for the continuance of the work of recopying and transcribing books of public record, as expenditures for this work in excess of the amount of $9,000 allowed in the Budget should be provided for by a transfer or by application to the Board of Aldermen for an issue of special revenue bonds.

Which was ordered filed and the Secretary directed to transmit a copy thereof to the County Clerk of Queens County.

(On April 20, 1911, the above communication was referred to the Comptroller.)

The President of the Borough of Manhattan offered the following resolutions, calling for the appointment of a committee to co-operate with the Committee on Standardization of Salaries and Grades in a study of the existing situation in the departments of the City government in reference to pension systems, with a view to considering the entire subject:

Whereas, By resolution adopted October 31, 1910, this Board appointed a Committee on the Standardization of Salaries and Grades to study and report upon a number of subjects, among which was included the feasibility of providing means for the retirement of superannuated employees on the basis of length of service rendered; and

Whereas, Upon a preliminary survey of the field it appears that the provisions now made by law for retirement pensions are unscientific, inequitable and unjust, both to the City and to many of its employees; and

Whereas, In spite of the fact that there has never been any compilation accessible in which there was given adequate information as to the number, age, condition of employment and length of service of the employees of the various departments of this City, nevertheless, there have been introduced in the present Legislature at least two bills for general pension systems for City employees and at least four bills for extension pension systems for employees in particular classes or departments; and

Whereas, An extensive investigation, including a large amount of census taking and inquiry into the conditions of employment of the various departments will be required; therefore be it

Resolved, That the heads of all departments of the City, County and Borough governments be requested to prepare and furnish to the Committee on Salaries and Grades such statistical and other information regarding their respective departments as said Committee may deem necessary for adequate consideration of the subject of a general pension system; and be it further

Resolved, That the Mayor be requested to appoint an advisory or associate committee of five, including the Chairmen of the Finance Committee and of the Committee on Laws and Legislation of the Board of Aldermen, and three citizens, which Committee, in conjunction with the Committee on the Standardization of Salaries and Grades, shall consider this entire subject and report back to this Board.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Board of Water Supply and report of the Chief Engineer relative to the proposed agreements between the Board of Water Supply and the New York Telephone Company, the Postal Telegraph-Cable Company and the Western Union Telegraph Company, for the removal of certain pole lines owned by said companies lying within the area acquired by the City for the construction of the Kensico Reservoir at Valhalla and Kensico, Westchester County:

(On May 4, 1911, the communication from the Board of Water Supply relative to the above agreements was referred to the Chief Engineer for report at this meeting.)

Board of Water Supply, City of New York, 165 Broadway, New York, May 3, 1911.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman, Board of Estimate and Apportionment,* City Hall:

Sir—The construction of the Kensico Reservoir at Valhalla and Kensico, Westchester County, by The City of New York, renders it necessary that certain pole lines owned by the New York Telephone Company, the Postal Telegraph-Cable Company and the Western Union Telegraph Company, all lying within the taking area of The City of New York, shall be removed and rebuilt, and for this purpose negotiations have been conducted with these companies for some time past, resulting in agreements between these companies and the Board of Water Supply, acting for The City of New York. As this is in the scene of active operations at present, the necessity for progress is urgent.

Briefly these agreements are as follows:

The companies agree to remove their lines and rebuild them according to the plan or map attached to said agreements, at the cost price of such removal and rebuilding.

In the case of the New York Telephone Company this price is $16,815 for the expense and cost of making the change, which includes the sum of $2,500 to cover the loss in transmission which will be incurred when the said lines have been rerouted. The said sum of $16,815 being the outside sum to cover such cost of removal, and the agreement being that should the expense and cost of making such change be less than $16,815, the City will receive the difference between the actual cost of removal and relocation and the said sum of $16,815.

In the case of the Postal Telegraph-Cable Company the price is $6,820.65, with the same provisions as to refund in case the cost shall be less than that sum.

In the case of the Western Union Telegraph Company the price is $2,317.86, with the same provision as to refund in case the cost shall be less than that sum.

Will you kindly have this communication presented to the Board for action at its meeting on the 4th inst. Yours truly,

CHAS. STRAUSS, President, Board of Water Supply.

This agreement, made and entered into this 25th day of April, nineteen hundred and eleven, between The City of New York, acting herein by the Board of Water Supply of The City of New York, party of the first part, and the New York Telephone company, a corporation of the State of New York (having its principal office at 15 Dey street, City, County and State of New York), party of the second part; witnesseth:

Whereas, The party of the first part, pursuant to authority vested in it by chapter 724 of the Laws of 1905, and the acts amendatory thereof and supplemental thereto, is constructing, or is about to construct, various works in connection with the Kensico Reservoir in the Towns of North Castle, Mount Pleasant and Harrison, Westchester County, New York; and, pursuant to the authority contained in said acts, has prepared certain maps, which were duly approved by the Board of Estimate and Apportionment of said City of New York, and have been duly filed in the office of the Registrar of the County of Westchester, as provided in said acts; and

Whereas, In and by said maps it is shown that said Board of Water Supply, acting for and on behalf of said City of New York, intends to acquire certain real estate, as the term is defined in said acts, of the party of the second part hereto, which is used for a public purpose, viz: Certain telegraph and telephone lines, as shown by red dash and dot lines on the map hereto annexed and marked E429, revised from E383. It will be necessary for the party of the first part to take possession of said real estate and exclude the party of the second part from the use and possession of same; and

Whereas, Said party of the first part, pursuant to the provisions of section 25 of said chapter 724 of the Laws of 1905, has provided another location for said lines and desires the party of the second part to remove its said lines to the location indicated by said party of the first part; now, therefore, this agreement witnesseth:

First—The party of the first part hereby demands that the party of the second part remove or abandon portions of its said lines as they are now located, and to relocate, reconstruct and maintain such lines along the routes substantially as shown by red dash lines on the map hereto annexed and marked E429, revised from E383, and made a part hereof.

Second—The Board of Water Supply, with the approval of the Board of Estimate and Apportionment, hereby agrees with the party of the second part to pay, upon completion of the work hereinafter described, to the said party of the second part a total sum not to exceed sixteen thousand eight hundred and fifteen dollars, as compensation for the taking of its said lines, and being an amount sufficient to defray the expenses of making the change in the route of said lines, and relocating the same in the positions indicated by said Board of Water Supply, and which includes also the sum of $2,500 as compensation for loss in transmission due to the section of submarine cable.

It is agreed by the party of the second part in this connection that should the expense and cost of making said change be less than the said sixteen thousand eight hundred and fifteen dollars, the party of the first part shall pay to the party of the second part the actual cost of the work, provided, however, that in determining the actual cost of the work the party of the second part shall include the necessary cost for material, labor, supervision, incidentals, etc., and to this amount shall be added the item of twenty-five hundred dollars to cover the loss in transmission which is incurred when the said lines have been rerouted as demanded by the said party of the first part.

Now, therefore, in consideration of the payment of the sum of sixteen thousand eight hundred and fifteen dollars by the party of the first part to the party of the second part, upon completion of the work herein provided for and the grant of the right of way hereinafter set forth by said party of the second part, its successors and assigns, the said party of the second part hereby grants and conveys to the said party of the first part and its successors forever, all the right, title and interest of said party of the second part in and to the land upon and over which are erected portions of the several lines, wires and fixtures of said party of the second part, to be abandoned, and shown by red dash and dot lines on the map hereto annexed marked E429, revised from E383, and made a part hereof.

And, in consideration of the foregoing, the party of the first part, in addition to the payment of the said sixteen thousand eight hundred and fifteen dollars, have granted and does grant unto the party of the second part, its successors and assigns, the perpetual easement for right of way for the new and existing telegraph and telephone pole lines in and over all that certain portion of the real estate acquired by said party of the first part for the construction and maintenance of said dams and reservoirs, as shown by full red lines and red dash lines on a map hereto annexed marked E429, revised from E383, and made a part hereof.

It being understood that the said party of the second part shall have the right in perpetuity to construct, operate and maintain its lines over and along said locations and routes, including the necessary poles and fixtures, together with the right of access thereto, along said route and property, to set the necessary guy and brace poles and to attach thereto the necessary guy wires, together with the right to place and maintain the submarine cable indicated by red crosses on the attached map marked E429, revised from E383, and to keep and maintain a boat on the reservoir, subject to regulation of the City's representative in charge of the reservoir, with the rights of ingress and egress at all times; and it is further understood that this right in perpetuity shall extend to and include all those poles and pole lines with the necessary wires, fixtures and appurtenances thereto which are located on and along said property which has been acquired by the Board of Water Supply in connection with the Kensico Reservoir, and which poles, wires, fixtures and appurtenances thereto it is not necessary to remove; which are shown by full red lines on map attached hereto marked E429, revised from E383, it being understood that the party of the second part shall have the right to clear and keep clear a space twenty-five (25) feet wide from trees, shrubs, plants, etc., in order to satisfactorily maintain its wires and lines.

And it is mutually understood and agreed that the said party of the second part shall forthwith remove its lines from said right of way now occupied to the new rights of way to be provided by the party of the first part as herein provided.

It is further understood that this agreement shall apply to and bind the legal representatives of the parties herein.

In witness whereof, the said Board of Water Supply have hereunto set their hands and seal on behalf of the party of the first part, and the said party of the second part has caused its corporate seal to be hereto affixed and the agreement executed by its President and General Manager, on the day and year first above written. THE CITY OF NEW YORK.

By ....., ..., ...,
Commissioners of the Board of Water Supply.

Attest: W. HOPPINS, Assistant Secretary.

NEW YORK TELEPHONE COMPANY,
By H. F. THURBER, Vice-President and General Manager.

State of New York, County of New York, ss.:

On this 25th day of April, nineteen hundred and eleven, before me came Howard F. Thurber, to me known and known to me to be the Vice-President and General Manager of the New York Telephone Company, the corporation described in and which executed the foregoing instrument, and he, being by me duly sworn, did depose and say that he resides in The City of New York; that he is the Vice-President and General Manager of the New York Telephone Company; that he knows the corporate seal of said Company; that the seal affixed to the foregoing instrument is such corporate seal and was so affixed by authority of the Board of Directors of said Company, and he signed the same as Vice-President and General Manager by like authority.

LINCOLN M. JONES, Notary Public, Kings County.

Certificate filed in New York County.

State of New York, County of New York, ss.:

On this .... day of April, nineteen hundred and eleven, before me personally came Charles Strauss, Charles N. Chadwick and John F. Galvin, each to me personally known and known to me to be Commissioners of the Board of Water Supply of The City of New York, described in and which executed the foregoing instrument, and

they severally acknowledged to me that they executed the same as Commissioners of the Board of Water Supply.

.....

This agreement, made and entered into this 27th day of April, nineteen hundred and eleven, between The City of New York, acting herein by the Board of Water Supply of The City of New York, party of the first part, and the Postal Telegraph-Cable Company, a corporation of the State of New York, party of the second part; witnesseth:

Whereas, The party of the first part, pursuant to authority vested in it by chapter 724 of the Laws of 1905, and the acts amendatory thereof and supplemental thereto, is constructing or about to construct various works in connection with the Kensico Reservoir, Town of North Castle and Town of Rye, Westchester County, New York; and pursuant to the authority contained in said acts, has prepared certain maps which were duly approved by the Board of Estimate and Apportionment of said City of New York, and have been duly filed in the office of the Registrar of the County of Westchester, as provided in said acts; and

Whereas, In and by said maps it is shown that said Board of Water Supply, acting for and on behalf of said City of New York, intends to acquire certain real estate, as the term is defined in said acts, of the party of the second part hereto, which is used for a public purpose, viz: Certain telegraph lines, as shown by a yellow line on the map hereto annexed and marked E429, revised from E383. It will be necessary for the party of the first part to take possession of said real estate and exclude the party of the second part from the use and possession of the same; and

Whereas, The said party of the first part, pursuant to the provisions of section 25 of said chapter 724 of the Laws of 1905, has provided another location for said lines and desires the party of the second part to remove its said lines to the locations indicated by the party of the first part; now, therefore, this agreement witnesseth:

First—The party of the first part hereby demands that the party of the second part remove or abandon portions of its said lines as they are now located, and to relocate, reconstruct and maintain such lines along the routes substantially as shown by red line on the map thereto annexed and marked E429, revised from E383, and made a part hereof.

Second—The Board of Water Supply, with the approval of the Board of Estimate and Apportionment, hereby agrees with the party of the second part to pay upon completion of the work hereinafter described, to said party of the second part, a sum not to exceed six thousand eight hundred and twenty dollars and sixty-five cents ($6,820.65), as compensation for the taking of its said lines, and being an amount sufficient to defray the expense of making the change in the route of said lines and relocating the same in the position indicated by said Board of Water Supply.

It is agreed by the party of the second part that should the expense and cost of making said change be less than the said six thousand eight hundred and twenty dollars and sixty-five cents ($6,820.65), the party of the second part will refund to the party of the first part the difference between such actual cost and the six thousand eight hundred and twenty dollars and sixty-five cents ($6,820.65) to be paid as provided in the second section of that agreement, provided, however, that in determining the actual cost of the work, the party of the second part shall include the necessary cost for material, labor, supervision and all other expenditures incidental thereto.

Now, therefore, in consideration of the sum of six thousand eight hundred and twenty dollars and sixty-five cents ($6,820.65), to be paid by the party of the first part to the party of the second part, the receipt whereof is hereby acknowledged, and the grant of the right of way hereinafter set forth by the party of the second part, its successors and assigns, the said party of the second part hereby grants and conveys to said party of the first part and its successors forever all right, title and interest of said party of the second part in and to the land upon and over which are erected poles, wires and fixtures of said party of the second part, to be abandoned, and shown by yellow line on the map hereto annexed marked E429, revised from E383, and made a part hereof.

And, in consideration of the foregoing, the party of the first part, in addition to the demand of said six thousand eight hundred and twenty dollars and sixty-five cents ($6,820.65) has granted and does grant unto the party of the second part, its successors and assigns, the perpetual easement for right of way for telegraph and telephone pole line purposes in and over all that certain portion of the real estate acquired by the party of the first part for the construction and maintenance of its dams and reservoirs as shown by a red line on a map hereto annexed marked E429, revised from E383, and made a part hereof.

It being agreed that the said party of the second part shall have the right in perpetuity to construct, operate and maintain its line over and along said location and said route, including the necessary poles and fixtures, together with the right of access thereto along said route and property to set the necessary guy and brace poles and to attach thereto the necessary guy wires, together with the right to place and maintain the seven (7) concrete piers indicated on the attached map marked E429, revised from E383, on which piers are to be erected openwork steel poles, with the necessary crossarms, fixtures and appurtenances, for the purpose of supporting the wires in the aforesaid line, the length of the spans between the said piers to be approximately as follows, as shown on the map attached hereto marked E429, revised from E383:

Span between piers one and two, five hundred sixty (560) feet; span between piers two and three, three hundred ten (310) feet; span between piers three and four, three hundred ten (310) feet; span between piers four and five, five hundred sixty (560) feet; and span between piers six and seven, four hundred twenty-five (425) feet, said concrete piers and steel poles being an integral part of the telegraph and telephone pole line covered by this agreement, together with the right to keep and maintain a boat on the reservoir with the right of ingress and egress at all times, and it is further agreed that this right in perpetuity shall extend to and include all those poles and pole lines with the necessary wires, fixtures and appurtenances thereto which are located on and along said property which has been acquired by the Board of Water Supply in connection with the Kensico Reservoir, and which poles, wires, fixtures and appurtenances thereto it is not necessary to remove; it being agreed that the party of the second part shall have the right to clear and keep clear a space twenty-five (25) feet wide from trees, shrubs, plants, etc., and to trim any overhanging trees, shrubs, etc., in order to keep its wires clear from all foliage, and satisfactorily maintain the same.

And it is mutually understood and agreed that said party of the second part shall forthwith remove its lines from said right of way now occupied to the new right of way to be provided by the party of the first part, as herein provided.

And it is further understood that this agreement shall apply to and bind the legal representatives of the parties herein.

In witness whereof, the said Board of Water Supply have hereunto set their hands and seal on behalf of the party of the first part, and the said party of the second part has caused its corporate seal to be hereto affixed and the agreement executed by its Vice-President on the day and year first above written.

THE CITY OF NEW YORK.

By ....., ..., ...,
Commissioners of the Board of Water Supply.

Attest: .....

POSTAL TELEGRAPH-CABLE COMPANY.
By ....., Vice-President.

State of New York, County of New York, ss.:

On this .... day of ....., nineteen hundred and eleven, before me came ....., to me known and known to me to be the ..... President of the Postal Telegraph-Cable Company, the corporation described in and which executed the foregoing instrument, and he being by me duly sworn did depose and says that he resides in..... that he is the ..... President of the Postal Telegraph-Cable Company; that he knows the corporate seal of said Company; that the seal affixed to the foregoing instrument is such corporate seal and was so affixed by authority of the Board of Directors of said Company, and he signed the same as ..... President by like authority.

.....

State of New York, County of New York, ss.:

On this .... day of ....., nineteen hundred and eleven, before me personally came Charles Strauss, Charles N. Chadwick and John F. Galvin, each to me personally known and known to me to be the Commissioners of the Board of Water Supply of The City of New York, described in and which executed the foregoing instrument, and they severally acknowledged to me that they executed the same as Commissioners of the Board of Water Supply.

.....

This agreement, made and entered into this twelfth (12) day of May, nineteen hundred and eleven, between The City of New York, acting herein by the Board of Water Supply of The City of New York, party of the first part, and the Western Union Telegraph Company, a corporation of the State of New York, party of the second part; witnesseth:

Whereas, the party of the first part, pursuant to authority vested in it by chapter 724 of the Laws of 1905, and the acts amendatory thereof and supplemental thereto, is constructing, or is about to construct, various works in connection with the Kensico Reservoir in the Town of Newcastle and in the Town of Rye, Westchester County, New York, and, pursuant to the authority contained in said acts, has prepared certain maps, which were duly approved by the Board of Estimate and Apportionment of said City of New York, and have been duly filed in the office of the Registrar of the County of Westchester, as provided in said acts, and,

Whereas, in and by said maps it is shown that said Board of Water Supply, acting for and on behalf of said City of New York, intends to acquire certain real estate, as the term is defined in said acts, of the party of the second part hereto, which is used for a public purpose, viz.: Certain telegraph lines as shown by red dash and dot lines on the map hereto annexed and marked E429, revised from E383. It will be necessary for the party of the first part to take possession of said real estate and exclude the party of the second part from the use and possession of same, and

Whereas, said party of the first part, pursuant to the provisions of section 25 of said chapter 724 of the Laws of 1905 has provided another location for said lines and desires the party of the second part to remove its said lines to the locations indicated by said party of the first part; now, therefore, this agreement witnesseth:

First—The party of the first part hereby demands that the party of the second part remove or abandon portions of its said lines as they are now located and to relocate, reconstruct and maintain such lines along the route substantially as shown by red dash lines on the map hereto annexed and marked E429, revised from E383, and made a part hereof.

Second—The Board of Water Supply, with the approval of the Board of Estimate and Apportionment, hereby agrees with the party of the second part to pay, upon completion of the work hereinafter described, to the said party of the second part, a sum not to exceed two thousand one hundred and thirty-seven dollars and eighty-six cents as compensation for the taking of its said lines, and being an amount sufficient to defray the expense of making the change in the route of said lines and relocating the same in the positions indicated by said Board of Water Supply.

It is agreed by the party of the second part in this connection that should the expense and cost of making said change be less than the said two thousand one hundred and thirty-seven dollars and eighty-six cents, the party of the first part shall pay to the party of the second part the actual cost of the work, provided, however, that in determining the actual cost of the work the party of the second part shall include the necessary cost for material, labor, supervision, incidentals, etc.

Now, therefore, in consideration of the payment of the sum of two thousand one hundred and thirty-seven dollars and eighty-six cents by the party of the first part to the party of the second part, as hereinbefore provided, and the grant of the right of way hereinafter set forth by said party of the second part, its successors and assigns, the said party of the second part hereby grants and conveys to the said party of the first part and its successors forever, all the right, title and interest of said party of the second part in and to the land upon and over which are erected the several lines, wires and fixtures of said party of the second part, as shown to be abandoned and shown by red dash and dot lines on the map hereto annexed marked E429, revised from E383, and made a part hereof.

And, in consideration of the foregoing, the party of the first part, in addition to the payment of the said two thousand one hundred and thirty-seven dollars and eighty-six cents has granted and does grant unto the party of the second part, its successors and assigns, the perpetual easement for right of way for telegraph pole line purposes in and over all that certain portion of the real estate acquired by said party of the first part for the construction and maintenance of said dams and reservoirs, as shown on a map hereto annexed marked E429, revised from E383, and made a part hereof.

It being understood that the said party of the second part shall have the right in perpetuity to construct, operate and maintain its lines over and along said locations and routes, including the necessary poles and fixtures, together with the right of access thereto, along said route and property, to set the necessary guy and brace poles and to attach thereto the necessary guy wires, together with the right to place and maintain the submarine cable indicated on the attached map marked E429, revised from E383, and to keep and maintain a boat on the reservoir with the right of ingress and egress at all times; and it is further understood that this right in perpetuity shall extend to and include all those poles and pole lines with the necessary wires, fixtures and appurtenances thereto which are located on and along said property which has been acquired by the Board of Water Supply in connection with the Kensico Reservoir and which poles, wires, fixtures and appurtenances thereto it is not necessary to remove; it being understood that the party of the second part shall have the right to clear and keep clear a space twenty-five (25) feet wide from trees, shrubs, plants, etc., in order to satisfactorily maintain its wires and lines.

It is further mutually understood and agreed that if the party of the second part hereto shall elect to abandon its present location as shown on the map hereto annexed by red dash and dot lines, and not to reconstruct the same along the route proposed by the party of the first part and shown on said map by red dash line, but shall decide to reconstruct and build at some location entirely outside of the property of The City of New York, it shall have the right to do so, and the party of the first part agrees to pay the said sum of two thousand one hundred and thirty-seven dollars and eighty-six cents to the party of the second part, in full compensation for such removal.

And it is mutually understood and agreed that the said party of the second part shall forthwith remove its lines from said right of way now occupied to the new rights of way to be provided by the party of the first part, or to such other location outside of the lands of the party of the first part, as herein provided.

And it is further understood that this agreement shall apply to and bind the legal representatives of the parties herein.

In witness whereof, the said Board of Water Supply have hereunto set their hands and seal on behalf of the party of the first part, and the said party of the second part has caused its corporate seal to be hereunto affixed and the agreement executed by its Vice-President on the day and year first above written.

THE CITY OF NEW YORK,
By.....
Commissioners of the Board of Water Supply.

Attest:
.....

WESTERN UNION TELEGRAPH COMPANY,
By....., Vice-President.

STATE OF NEW YORK, } ss.:
COUNTY OF NEW YORK, }

On this ..... day of ....., nineteen hundred and eleven, before me came ....., to me known and known to me to be the ..... President of the Western Union Telegraph Company, the corporation described in and which executed the foregoing instrument, and he being by me duly sworn did depose and say that he resides in ....., that he is the .....President of the Western Union Telegraph Company, that he knows the corporate seal of said Company, that the seal affixed to the foregoing instrument is such corporate seal and was so affixed by authority of the Board of Directors of said Company, and he signed the same as .....President by like authority.

.....

STATE OF NEW YORK, } ss.:
COUNTY OF NEW YORK, }

On this ..... day of ....., nineteen hundred and eleven, before me personally came Charles Strauss, Charles N. Chadwick and John F. Galvin, each to me personally known and known to me to be Commissioneers of the Board of Water Supply of The City of New York, described in and which executed the foregoing instrument, and they severally acknowledged to me that they executed the same as Commissioners of the Board of Water Supply.

.....

Board of Estimate and Apportionment, City of New York, May 9, 1911.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on May 4 a communication from the President of the Board of Water Supply was submitted recommending the approval by the Board of Estimate and Apportionment of three contracts which the Board of Water Supply would like to make covering the removal of poles and wires from their present locations within the flow line of the enlarged Kensico Reservoir, these pole lines belonging, respectively, to the New York Telephone Company, the Postal Telegraph-Cable Company, and the Western Union Telegraph Company.

Protracted negotiations have been had with these three companies, and detailed estimates of the cost of the work of building new lines and removing the existing lines have been placed at my disposal. The total consideration which it is proposed to pay these companies is as follows:

New York Telephone Company	$16,815 00
Postal Telegraph-Cable Company	6,820 65
Western Union Telegraph Company	2,137 86

In each instance provision is made that a careful record shall be kept of the cost of the work, and if such cost proves to be less than the amounts above named, only the actual cost is to be paid. In the case of the Western Union Telegraph Company, however, the agreement provides that if the Company, instead of rebuilding its existing line along the new highway to be constructed by the Board of Water Supply, shall elect to abandon its line entirely through the City property and combine it with another existing line for a distance about five times as great as the portion of the line which it will be necessary to reconstruct, the above named amount of $2,137.86 shall be paid the Company toward the cost of such change of route.

There have been two previous cases in which the Board of Estimate and Apportionment has approved agreements for the removal of pole lines from reservoir sites. The first of these was on July 8, 1907, when, upon the recommendation of the Aqueduct Commissioners, the Board approved of the payment to the American Telephone & Telegraph Company of $5,790.27 for the removal of lines falling within the flow line of the Cross River Reservoir. Again, on November 20, 1908, the Board similarly approved, also upon the recommendation of the Aqueduct Commissioners, of the payment to the Hudson River Telephone Company of $9,350 for the removal of its pole lines falling within the flow line of the Croton Falls Reservoir.

The new routes indicated by the Board of Water Supply follow in some cases the new highways which are to be constructed by the said Board to take the place of those which will be flooded, while in other cases the Board has designated other locations across City property.

The work involved in the change of the lines of the three companies which will be necessitated by the construction of the new Kensico Reservoir may be briefly described as follows:

New York Telephone Company.

Approximately four miles of lines will have to be abandoned and rebuilt. This will involve providing and setting 204 new poles, with about 200 miles of copper wire, on the lines known as the Boston Central, the Boston Midland, and the Subscribers Lines. The Boston Central, which is far longer than the other lines, is a heavy trunk line carrying approximately 65 wires, while it will be necessary to carry this line across the reservoir by 1,200 feet of armored cable. There is also included in this estimate an item of $2,500 which is charged to loss in transmission due to this submarine cable. This is an item which it is difficult to analyze with any accuracy, and represents the impairment of the efficiency of the line due to the substitution of a subaqueous cable for an aerial line. The use of cables in thickly populated portions of the City are, of course, essential, and on short distance lines the loss is of little moment, but on long trunk lines the loss becomes a more serious matter, as the length of line over which satisfactory service can be given is materially shortened by the introduction of even a short section of cable in an aerial line.

I have discussed this matter at some length in three interviews with the Engineer of the New York Telephone Company, and while it is admitted that it is impossible to compute and express in exact figures the precise amount of loss of efficiency through this 1,200 feet of subaqueous cable, I am convinced that the estimate has been made with as much care and accuracy as is possible, and I do not believe that the item can properly be excluded.

The salvage allowed on the old lines amounts to a total of $7,687, and in estimating it 80 per cent. of the market value of new copper is allowed on the 25 tons of old copper wire removed, although the new lines must be built and put in service before the old copper can be removed.

The average total cost per pole of a new line, excluding the item of loss of transmission and the cable across the reservoir, is about $70, while the cost on the same basis for removing the lines in the Cross River Reservoir was $55, and in the Croton Falls Reservoir $35 per pole. The difference, however, is due to the fact that it is a much heavier line.

Postal Telegraph-Cable Company.

The changes in the lines of this Company cover between 1.5 and 2 miles, involving 90 ordinary poles in addition to 7 steel poles erected on concrete piers located in the upper portion of the reservoir, with 24.5 miles of new wire and 22.5 miles of old wire removed. The salvage in this case amounts to $617. Excluding the section of the line across the reservoir, the total cost per pole amounts to about $50.

Western Union Telegraph Company.

The length of the lines of this Company affected is something over three miles, with 130 poles and about 20 miles of wire. This is a very light line, and the total expense corresponds with about $17 a pole.

As to the necessity of removing the existing pole lines, there can be no question. The obligation of the City to pay the cost of such removal appears to be established by the law under which the Board of Water Supply is working, by court decisions, and by the opinion of the Corporation Counsel rendered to the Board in connection with the removal of the lines of the American Telephone and Telegraph Company from the site of the Cross River Reservoir which appears on page 2679 of the Financial Minutes of the Board of Estimate and Apportionment of July 8, 1907.

The estimates appear to have been prepared with much care, and, as already stated, the agreements provide that if the cost of doing the work proves to be less than these estimates, only such cost is to be paid. The possibility of the cost being less than the estimates will naturally be greater if the contracts are authorized in the near future, so that the work can proceed during the summer months.

It is recommended that the Board approve the proposed contracts.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the three proposed contracts, as submitted by the Board of Water Supply under date of May 3, 1911, to be entered into by The City of New York, acting by the Board of Water Supply, and the New York Telephone Company, the Postal Telegraph-Cable Company and the Western Union Telegraph Company relative to the removal of poles and wires from their present locations within the flow line of the enlarged Kensico Reservoir, located at Valhalla and Kensico, Westchester County, New York, and the rebuilding of the same.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented a communication from the President of the Alpha Republican Club of Fifteenth Assembly District, Brooklyn, containing resolution adopted by that Club requesting on behalf of the many residents of said section that the usual Sunday band concerts be continued in Winthrop Park this year.

Which was referred to the Commissioner of Parks, Boroughs of Brooklyn and Queens.

The Secretary presented the following communication from the Department of Water Supply, Gas and Electricity requesting, and report of the Comptroller recommending, a modification of the schedules of salaries supporting the appropriation made in the Budget for the year 1911, for said Department by changes in title for two incumbents to meet Civil Service requirements:

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, April 25, 1911.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment:*

Dear Sir—Early this year I requested the Board of Estimate and Apportionment to modify two salary schedules to provide for the payment of a Foreman whose rate of pay was $1,000 per annum, and a Pilot whose rate of pay was $1,200 per annum, but because these positions had not been formally established for this Department no action was taken.

A request was made afterwards for the establishment of these two positions and they have now been formally established.

I therefore renew my request for the modification of these salary schedules, copies of which are enclosed. Yours truly,

HENRY S. THOMPSON, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 8, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 25, 1911, the Commissioner of Water Supply, Gas and Electricity requested modification of two salary schedules for his Department for 1911. In connection therewith I report as follows:

In No. 479, Collection and Storage, Croton and Bronx Systems, it is proposed to change the title of a Keeper, at $1,000 per annum, to Foreman at the same rate. In No. 531, Bureau of Water Registration Department Boat, it is proposed to change the title of a Captain, at $1,200 per annum, to Pilot, at the same rate. The changes are asked for to conform to Civil Service requirements.

The schedule and cash transfers, in detail, are as follows:

Account No.	Line Item.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
479.	Keepers, 3 at $1,000	$1,000 00	.....	$750 00	.....
	Foreman, at $1,000	.....	$1,000 00	.....	$750 00
531.	Captain, 1 at $1,200	1,200 00	.....	900 00	.....
	Pilot, at $1,200	.....	1,200 00	.....	900 00
		$2,200 00	$2,200 00	$1,650 00	$1,650 00

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of schedules, as revised, for the Department of Water Supply, Gas and Electricity, for the year 1911, as follows, to be effective as of April 1, 1911:

Department of Water Supply, Gas and Electricity.

Water Supply, Boroughs of Manhattan and The Bronx—Collection and Storage, Croton and Bronx Systems, Care of Watersheds, Aqueducts, Ponds and Reservoirs, Croton Water System—

479.	Salaries:	
	Assistant Engineer	$2,400 00
	Assistant Engineer	2,100 00
	Leveler	1,400 00
	Stenographer	1,200 00
	Superintendent of Ponds and Reservoirs	2,500 00
	Keepers, 2 at $1,400	2,800 00
	Keeper	1,200 00
	Keepers, 3 at $1,000	3,000 00
	Foreman	1,000 00
		$17,600 00

Water Supply, Boroughs of Manhattan and The Bronx—Distribution, Water Registration, Permits and Revenue Collection, Department Boat—

531.	Salaries:	
	Pilot	$1,200 00
		$1,200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn, and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following report of the Comptroller recommending approval of an estimate of cost of $11,500 each for two 75-foot aerial hook and ladder trucks for use of the Fire Department:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 9, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 5, 1911, the Commissioner of the Fire Department requested the Board of Estimate and Apportionment to authorize him to contract with the Webb Motor Fire Apparatus Company for the delivery of two 75-foot aerial hook and ladder trucks of self-propelling design at a price of $25,200, this being the old bid received at public letting April 3, 1911.

On March 9, 1911, the Board approved the specifications and estimate of cost ($20,000) for these trucks and the Commissioner states that he is of the opinion that this amount is less than the apparatus can be delivered for, allowing a reasonable profit to the contractor.

The Webb Motor Fire Apparatus Company is, under a contract dated February 2, 1911, to deliver to the City two trucks similar to these at $9,950 each. The Webb Company was also the only bidder for this contract.

In investigating the large increase in the bid for the trucks on April 3, 1911, I communicated with the City of Springfield, Mass., which has in service a 75-foot aerial hook and ladder truck similar to those now under consideration with the exception that its motive power is storage battery instead of gasoline motor and electric generator.

The contract price of the truck furnished to the City of Springfield, Mass., was $10,000, not including an extra spare wheel with motor attachment as in the specification approved by the Board of Estimate and Apportionment March 9, 1911.

An estimate of the value of the New York trucks based upon the cost of the Springfield truck is as follows:

Springfield truck	$10,000 00
Extra wheel, with 3-horsepower motor	650 00
Value of a 50-horsepower motor and 75-ampere 120-volt generator over a storage battery of equal capacity	600 00
Total	$11,250 00

Upon learning the attitude of the Department of Finance upon the question of the acceptance of its bid the Webb Company offered to reduce its price from $12,600 for each truck to $11,500 for each.

In view of the small difference between the above estimate and the offer of the Company, I recommend that the Board of Estimate and Apportionment approve an estimate of cost of $11,500 each for these two trucks in order to permit the Commissioner to accept the reduced bid of the Webb Company.

A resolution is hereto attached, which, if adopted, will carry out the above recommendation. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on March 9, 1911, and reading as follows:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted June 3, 1910, hereby approves the specifications and estimate of cost, twenty thousand dollars ($20,000), for two seventy-five-foot aerial hook and ladder trucks of self-propelling design for the use of the Fire Department, City

of New York, in addition to the two trucks of same design which were contracted for February 2, 1911.

—be and is hereby amended by making the estimate of cost twenty-three thousand dollars ($23,000), instead of twenty thousand dollars ($20,000); and be it further

Resolved, That the Board of Estimate and Apportionment hereby authorizes the Fire Commissioner to enter into a contract with the Webb Motor Fire Apparatus Company at the reduced bid of twenty-three thousand dollars ($23,000) for the two seventy-five-foot aerial hook and ladder trucks of self-propelling design.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following communication from the Comptroller, presenting comparative statement of payroll disbursements by Departments, Bureaus and Commissions for the first quarter of 1911, ending March 31, with the corresponding quarterly periods of 1909 and 1910, together with a further comparison of such payroll disbursements for the first quarter of 1911 with the last quarter of 1910, in accordance with resolution adopted January 12, 1911, which was ordered printed in the Minutes and filed:

City of New York, Department of Finance, May 9, 1911.

To the Honorable Board of Estimate and Apportionment:

Gentlemen—Enclosed herewith you will find a statement prepared in compliance with resolution adopted by your Board on January 12, 1911, containing total payroll disbursements of each Department, Board, Office or Commission for the quarter ending March 31, 1911. (Printed on pages 4327 and 4328 in this issue.)

This statement also contains a comparison of said total payroll disbursements for the quarter ending March 31, 1910, and March 31, 1909, and a comparison with the quarter ending December 31, 1910.

I would request that the subject matter be placed on the Calendar for meeting to be held on Thursday, May 11, 1911, in order that the same may have the attention of the Board. Respectfully, WM. A. PRENDERGAST, Comptroller.

The Secretary presented the following report of the Comptroller recommending that the resolution adopted by the Board on March 30, 1911, authorizing the acquisition at private sale, at a price not exceeding $3,000, of property on the westerly side of Nelson avenue, near West 166th street, Borough of The Bronx, for the use of the Fire Department, be amended so as to take the premises subject to a covenant contained in the deed against nuisances:

City of New York, Department of Finance, Comptroller's Office, May 6, 1911.

To the Honorable, The Board of Estimate and Apportionment:

Gentlemen—Under date of March 30, 1911, your Board authorized the Comptroller to enter into contract for the acquisition at private sale, at a price not exceeding $3,000, of a parcel of land situated on the westerly side of Nelson avenue, distant 200.54 feet southerly from the corner formed by the intersection of the westerly side of Nelson avenue with the southerly side of West 166th street, in the Borough of The Bronx, for use of the Fire Department.

A search of the title by the Title Guarantee and Trust Company develops the fact that there is a covenant against nuisances contained in a former deed of the premises. This restriction, however, will not affect the use for which the premises are required.

I therefore respectfully recommend that the resolution above referred to be amended so as to take the premises subject to the following covenant contained in a deed recorded in liber 9, section 9, Conveyances, page 454:

"The grantee for herself, her heirs and assigns doth hereby covenant and agree with the grantor, her heirs, executors and administrators that said grantee, her heirs and assigns shall not nor will at any time hereafter use, exercise or carry on or permit or suffer to be used, exercised or carried on upon said premises, the business or manufactory of gas, vitriol, hartshorn or glue or tallow melter, soap boiler, tanner, skinner, felt, monger, bone-boiler or varnish maker, or will erect or permit upon said premises any distillery, brewery or slaughter house, or carry on any other business, trade or calling which may be dangerous or offensive to the neighborhood.

"This covenant to be taken as attached and running with the land hereby conveyed." Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment March 30, 1911, which reads as follows:

"Resolved, That the Board of Estimate and Apportionment hereby approves of the action taken by the Commissioner of the Fire Department in the selection of the following described property, located on Nelson avenue and West 166th street, Borough of The Bronx, for the use of said Department:

"All that certain lot, piece or parcel of land situate, lying and being in the Borough of The Bronx, City of New York, bounded and described as follows:

"Beginning at a point on the westerly side of Nelson avenue distant 200.54 feet southerly from the corner formed by the intersection of the westerly side of Nelson avenue with the southerly side of West 166th street; running thence westerly parallel, or nearly so, with West 166th street 65.5 feet; thence southerly and parallel, or nearly so, with Ogden avenue 25 feet; thence easterly and parallel, or nearly so, with West 166th street 63.65 feet, to the westerly side of Nelson avenue; thence northerly along the westerly side of Nelson avenue 25.07 feet to the point or place of beginning; together with all the right, title and interest of the party of the first part, of, in and to the street in front thereof, to the centre thereof.

—and the Comptroller be and is hereby authorized to enter into a contract for the acquisition of the above described property, at private sale, at a price not exceeding three thousand dollars ($3,000), said contract to be approved by the Corporation Counsel as to form."

—be and the same is hereby amended by authorizing the acquisition of said property subject to the following covenant contained in a deed recorded in Liber 9, Section 9, Conveyances, page 454:

"The grantee for herself, her heirs and assigns doth hereby covenant and agree with the grantor, her heirs, executors and administrators that said grantee, her heirs and assigns shall not nor will at any time hereafter use, exercise or carry on or permit or suffer to be used, exercised or carried on upon said premises the business or manufactory of gas, vitriol, hartshorn or glue or tallow melter, soap boiler, tanner, skinner, felt, monger, bone boiler or varnish maker, or will erect or permit upon said premises any distillery, brewery or slaughter house or carry on any other business, trade or calling which may be dangerous or offensive to the neighborhood.

"This covenant to be taken as attached and running with the land hereby conveyed."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary presented the following report of the Comptroller recommending that the resolution adopted December 9, 1910, which authorized the acquisition at private sale, for the sum of $3,800, of property on the northerly side of Halsey street, distant 300 feet easterly from the corner formed by the intersection of the northerly side of Halsey street with the easterly side of Sumner avenue, Brooklyn, for the use of the Fire Department, be rescinded, and that the Board authorize the acquisition at private sale, for the sum of $4,000, of property on the northerly side of Halsey street, distant easterly 175 feet from the northeasterly corner of Yates avenue (now Sumner avenue) and Halsey street, stating that a search of the title to premises formerly selected develops the fact that the executor cannot give a good title at the present time:

(On April 13, 1911, the above report was presented and laid over for two weeks, and on April 27, 1911, was again presented and laid over.)

City of New York, Department of Finance, Comptroller's Office, April 11, 1911.

To the Honorable, The Board of Estimate and Apportionment:

Gentlemen—At a meeting of the Board of Estimate and Apportionment held on December 9, 1910, your Board authorized the purchase, at private sale, at a price not exceeding $3,800, of a parcel of vacant ground on the northerly side of Halsey street, distant 300 feet easterly from the corner formed by the intersection of the northerly side of Halsey street with the easterly side of Sumner avenue, Borough of Brooklyn, being 25 feet in width with a depth of 103 feet 9½ inches, for use of the Fire Department.

A search of these premises by the Lawyers' Title Insurance and Trust Company develops the fact that the executor cannot give good title at the present time to the premises in question.

I therefore respectfully recommend that the resolution adopted by your Board on December 9, 1910, authorizing the purchase of the above mentioned premises be rescinded.

It is therefore necessary to select another site for use of the Fire Department.

There is available on the northerly side of Halsey street, within 125 feet of the parcel originally selected, a plot of ground approximately 25 feet in width, both front and rear, with an average depth of about 93 feet 6 inches, with a small one-story frame dwelling erected thereon.

After negotiation by the Comptroller, the premises may be purchased for the sum of $4,000. The difference in price between the site originally selected by the Fire Department and the one now recommended is accounted for by the fact that there is erected on this latter parcel of ground a dwelling, whereas the former plot consisted of vacant ground. The property is assessed for the year 1911 at $3,400.

The Fire Commissioner has approved of the selection of this substitute site to take the place of the one originally authorized.

The price being reasonable and just, I respectfully recommend that your Board approve of the request of the Fire Commissioner, and authorize the Comptroller to enter into contract for the purchase, at private sale, of the following described property:

All that certain lot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, City of New York, bounded and described as follows:

Beginning at a point on the northerly side of Halsey street, distant easterly 175 feet from the northeasterly corner of Yates avenue (now Sumner avenue) and Halsey street, and running thence northerly parallel with Yates avenue (now Sumner avenue) 92 feet 6 inches, more or less, to land late of Rem Lefferts; thence easterly along the said last mentioned land 25 feet 1¼ inches, more or less; thence southerly and again parallel with Yates avenue (now Sumner avenue) 94 feet 10 inches, more or less, to the northerly side of Halsey street, and running thence westerly along the northerly side of Halsey street 25 feet to the point or place of beginning; together with all the right, title and interest of the party of the first part, of, in and to the street in front thereof to the centre thereof.

—at a price not exceeding $4,000, said contract to be submitted to the Corporation Counsel for his approval as to form.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment December 9, 1910, which reads as follows:

"Resolved, That the Board of Estimate and Apportionment hereby approves of the action of the Commissioner of the Fire Department in the selection of the following described property located on Halsey street and Sumner avenue, Borough of Brooklyn, for the use of said Department:

"All that certain lot, piece or parcel of land situate, lying and being in the Borough of Brooklyn, City of New York, bounded and described as follows:

"Beginning at a point on the northerly side of Halsey street distant 300 feet easterly from the corner formed by the intersection of the northerly side of Halsey street with the easterly side of Sumner avenue; running thence northerly and parallel with Sumner avenue 103 feet 9½ inches; running thence easterly and parallel with Halsey street 25 feet 1⅛ inches; running thence southerly and again parallel with Sumner avenue 106 feet to the northerly side of Halsey street; running thence westerly along the northerly side of Halsey street 25 feet to the point or place of beginning, together with all the right, title and interest of the owners of said property of, in and to the streets in front thereof to the centre thereof.

"—and the Comptroller be and is hereby authorized to enter into a contract for the acquisition of the above described property at private sale at a price not exceeding three thousand eight hundred dollars ($3,800), said contract to be submitted to the Corporation Counsel for approval as to form."

—be and the same is hereby rescinded.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the action of the Commissioner of the Fire Department in the selection of the following described property in the Borough of Brooklyn, for the use of said Department:

All that certain lot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, City of New York, bounded and described as follows:

Beginning at a point on the northerly side of Halsey street, distant easterly 175 feet from the northeasterly corner of Yates avenue (now Sumner avenue) and Halsey street, and running thence northerly parallel with Yates avenue (now Sumner avenue) 92 feet 6 inches, more or less, to land late of Rem Lefferts; thence easterly along the said last mentioned land 25 feet 1¼ inches, more or less; thence southerly and again parallel with Yates avenue (now Sumner avenue) 94 feet 10 inches, more or less, to the northerly side of Halsey street, and running thence westerly along the northerly side of Halsey street 25 feet to the point or place of beginning; together with all the right, title and interest of the party of the first part, of, in and to the street in front thereof to the centre thereof.

—and the Comptroller be and is hereby authorized to enter into a contract for the acquisition of the above described property at private sale, at a price not exceeding four thousand dollars ($4,000), said contract to be approved by the Corporation Counsel as to form.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Secretary notified the Board that the communication from the Acting President of the Borough of Brooklyn, dated January 17, 1911, requesting the establishment of the grade of position of Typewriting Copyist at $1,200 per annum for one additional incumbent (which was referred to the Committee on Salaries and Grades on January 26, 1911) was returned to the Acting Borough President at his request, the same having been withdrawn.

The following matters not upon the Calendar for this day were considered by unanimous consent:

The Comptroller presented the following communication from the Board of Education requesting, and report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending, that the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the attached resolution:

(On April 27, 1911, the request of the Board of Education for the fixing of the compensation of Janitors caring for portable buildings, leased annexes, etc., was referred to the above Committee.)

Board of Education, City of New York, Park Avenue and 59th Street, New York, April 24, 1911.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment:*

Dear Sir—I beg to advise you that at a meeting of the Committee on Care of Buildings, held on April 21, 1911, I was authorized to request the Board of Estimate and Apportionment to recommend to the Board of Aldermen that the compensation of Janitors for the care of portable buildings, leased annexes, etc., which, through inadvertence, have not been heretofore fixed by said Boards, be fixed as follows:

(Continued on page 4328.)

Comparative Statement of Payroll Disbursements by Departments, Bureaus and Commissions for the First Quarter of 1911, Ending March 31, With the Corresponding Quarterly Periods of 1909 and of 1910, Together With a Further Comparison of Such Payroll Disbursements for the First Quarter of 1911 With the Last Quarter of 1910. Prepared by Direction of the Comptroller in Accordance With a Resolution of the Board of Estimate and Apportionment Adopted January 12, 1911.

Line Number.	Department.	Comparison, First Quarter of 1911, Ending March 31, with the First Quarter of 1909. First Quarter, 1911.	First Quarter, 1909.	Increase.	Decrease.	Comparison, First Quarter of 1911, Ending March 31, with the First Quarter of 1910. First Quarter, 1910.	Increase.	Decrease.	Comparison, First Quarter of 1911, Ending March 31, with the Fourth Quarter of 1910, Ending December 31, 1910. Fourth Quarter, 1910.	Increase.	Decrease.	Remarks.	Line Number.
1	Accounts, Commissioner of	$51,737 39	$48,487 52	$3,249 87	.....	$45,724 85	$6,012 54	.....	$52,298 93	.....	$561 54		1
2	Aldermen, Board of	68,166 51	59,172 59	8,993 92	.....	64,404 71	3,761 80	.....	68,083 77	$82 74	.....		2
3	Ambulance Service, Board of	1,549 98	.....	1,549 98	.....	.....	1,549 98	.....	447 85	1,102 13	.....	Organized June, 1910.	3
4	Armory Board	3,828 95	2,812 47	1,016 48	.....	3,193 47	635 48	.....	3,106 59	722 36	.....		4
5	Art Commission	1,237 50	1,050 00	187 50	.....	1,241 53	.....	4 03	1,272 50	.....	35 00		5
6	Assessors, Board of	10,062 42	10,324 92	.....	262 50	10,485 80	.....	423 38	10,602 74	.....	32		6
7	Bellevue and Allied Hospitals	128,591 28	99,715 02	28,876 26	.....	**116,061 68**	**12,529 60**	.....	**126,668 78**	1,922 50	.....		7
8	Bridges	382,859 79	331,775 26	51,084 53	.....	360,271 33	22,588 46	.....	405,648 32	.....	22,788 53		8
9	Brooklyn Disciplinary Training School	6,705 56	5,442 40	1,263 16	.....	6,389 09	316 47	.....	6,536 39	169 17	.....		9
10	Building Examiners, Board of	**2,045 00**	**2,025 00**	20 00	.....	2,105 00	.....	60 00	2,015 00	30 00	.....		10
11	Change of Grade Damage Commission	3,849 99	3,849 99	.....	.....	3,849 99	.....	.....	**3,849 99**	.....	.....		11
12	City Court	58,224 84	57,125 06	1,099 78	.....	57,999 84	225 00	.....	58,000 48	224 36	.....		12
13	City Magistrates, First Division	89,068 44	54,973 66	34,094 78	.....	57,265 40	31,803 04	.....	83,720 47	5,347 97	.....		13
14	City Magistrates, Second Division	78,941 03	56,488 98	22,452 05	.....	58,032 35	20,908 68	.....	78,960 32	.....	19 29	Reorganized in September, 1910.	14
15	City Record, Board of	**9,778 30**	**6,924 96**	2,853 34	.....	6,587 46	3,190 84	.....	9,470 60	307 70	.....		15
16	City College	161,722 57	141,777 20	19,945 37	.....	**153,283 67**	**8,438 90**	.....	**161,405 68**	316 89	.....		16
17	Coroners, Board of, Manhattan	15,479 89	14,494 25	985 64	.....	15,199 89	280 00	.....	15,385 33	94 56	.....		17
18	Coroners, Board of, The Bronx	7,014 95	6,549 96	464 99	.....	6,800 96	213 99	.....	7,070 09	.....	55 14		18
19	Coroners, Board of, Brooklyn	8,307 50	7,462 50	845 00	.....	7,527 50	780 00	.....	8,377 50	.....	70 00		19
20	Coroners, Board of, Queens	3,979 97	4,975 00	.....	995 03	4,344 03	.....	364 06	4,297 65	.....	317 68		20
21	Coroners, Board of, Richmond	**2,799 99**	**2,799 99**	.....	.....	2,799 99	.....	.....	2,800 03	.....	04		21
22	Correction	**135,258 01**	**123,095 79**	12,162 22	.....	**128,741 19**	**6,516 82**	.....	132,859 76	2,398 25	.....		22
23	County Clerk, New York	33,362 75	33,528 70	.....	165 95	33,484 51	.....	121 76	37,394 18	.....	4,031 43		23
24	County Clerk, Kings	19,752 27	20,879 69	.....	1,127 42	20,456 25	.....	703 98	24,987 14	.....	5,234 87		24
25	County Clerk, Queens	3,464 43	*.....	3,464 43	.....	2,127 44	1,336 98	.....	7,846 95	.....	4,382 52	*Paid by fees in 1909.	25
26	County Clerk, Richmond	4,474 95	999 99	3,474 96	.....	5,008 29	.....	533 34	6,296 70	.....	1,821 75		26
27	County Court, Kings	**34,599 65**	31,099 77	3,499 88	.....	33,583 68	1,015 97	.....	36,212 47	.....	1,612 82		27
28	County and Surrogate Court, Richmond	4,612 47	3,624 96	987 51	.....	4,537 47	75 00	.....	4,537 59	74 88	.....		28
29	District Attorney, New York	99,796 33	73,284 21	26,512 12	.....	77,270 43	22,525 90	.....	93,964 88	5,831 45	.....		29
30	District Attorney, Kings	**27,801 69**	**22,776 06**	5,025 63	.....	25,859 78	1,941 91	.....	26,836 18	965 51	.....		30
31	District Attorney, Queens	8,372 82	5,399 98	2,972 84	.....	6,368 03	2,004 79	.....	11,991 91	.....	3,619 09		31
32	District Attorney, Richmond	3,260 38	2,212 47	1,047 91	.....	2,312 47	947 91	.....	2,678 29	582 09	.....		32
33	Docks and Ferries	679,829 91	681,063 30	.....	1,233 39	703,657 81	.....	23,827 90	680,276 83	.....	446 92		33
34	Education	6,391,504 69	6,226,822 03	164,682 66	.....	6,303,580 88	**87,923 81**	.....	6,425,236 48	.....	33,731 79		34
35	Elections, Board of	**27,326 47**	27,701 73	.....	375 26	27,986 56	.....	660 09	*489,566 25	.....	462,239 78	*Includes expenditures for General Election held in November.	35
36	Estimate and Apportionment, Board of	**27,242 43**	**24,976 65**	2,265 78	.....	29,762 59	.....	2,520 16	31,491 75	.....	4,249 32		36
37	Examining Board of Plumbers	1,160 00	1,410 00	.....	250 00	1,410 00	.....	250 00	1,380 00	.....	220 00		37
38	Excise, New York	3,812 43	3,846 72	.....	34 29	4,474 44	.....	662 01	3,834 93	.....	22 50		38
39	Excise, Kings	2,056 23	1,931 25	124 98	.....	2,056 23	.....	.....	2,156 23	.....	100 00		39
40	Excise, Queens	500 00	500 01	.....	01	500 01	.....	01	500 00	.....	.....		40
41	Excise, Richmond	**172 01**	285 44	.....	113 43	249 99	.....	77 98	249 99	.....	77 98		41
42	Finance, Comptroller	319,627 94	323,569 08	.....	3,941 14	339,960 53	.....	**20,332 59**	*359,155 66	.....	39,527 72	*Includes Temporary Clerks in Office of Collector of Taxes.	42
43	Finance, Chamberlain	14,899 44	13,137 42	1,762 02	.....	13,137 42	1,762 02	.....	14,550 18	349 26	.....		43
44	Fire, Manhattan, Bronx and Richmond	**1,138,382 00**	**1,023,289 53**	115,092 47	.....	1,066,438 71	71,943 29	.....	1,139,555 68	.....	1,173 68		44
45	Fire, Brooklyn and Queens	**657,166 02**	**641,836 73**	15,329 29	.....	650,782 00	6,384 02	.....	677,227 09	.....	20,061 07		45
46	General Interpreters, Brooklyn	2,550 00	2,850 00	.....	300 00	2,550 00	.....	.....	2,550 00	.....	.....		46
47	General Sessions, Court of	84,704 59	70,293 94	14,410 65	.....	78,359 68	6,344 91	.....	89,062 21	.....	4,357 62		47
48	Grand Jury, Kings	**1,100 70**	**1,211 90**	.....	111 20	1,095 60	5 10	.....	1,255 20	.....	154 50		48
49	Health	516,215 40	450,338 21	65,877 19	.....	**501,529 77**	**14,685 64**	.....	**515,890 33**	325 07	.....		49
50	Jurors, Commissioner of New York	12,016 93	12,308 05	.....	291 12	11,600 00	416 93	.....	11,583 87	433 06	.....		50
51	Jurors, Commissioner of, Kings	8,822 47	8,361 12	461 35	.....	8,947 47	.....	125 00	8,883 07	.....	60 60		51
52	Jurors, Commissioner of, Queens	2,629 98	2,374 98	255 00	.....	2,630 00	.....	02	2,645 75	.....	15 77		52
53	Jurors, Commissioner of, Richmond	**975 00**	**975 00**	.....	.....	975 00	.....	.....	975 00	.....	.....		53
54	Justices, Board of	324 99	324 99	.....	.....	325 00	.....	01	325 00	.....	01		54
55	Law Department	213,444 92	195,808 05	17,636 87	.....	211,357 97	2,086 95	.....	214,153 95	.....	709 03	Excluding services in condemnation and appraisal proceedings.	55
56	Law Library, Brooklyn	2,199 99	1,350 00	849 99	.....	**1,991 66**	**208 33**	.....	**2,200 03**	.....	04		56
57	Licenses, Commissioner of	**12,065 03**	**11,859 73**	205 30	.....	12,540 85	.....	475 82	11,974 06	90 97	.....		57
58	Mayers, J. T., Account of	199 98	199 98	.....	.....	**199 98**	.....	.....	**199 98**	.....	.....		58
59	Mayor, Executive	12,992 48	10,374 99	2,617 49	.....	12,219 03	773 45	.....	12,417 55	574 93	.....		59
60	Mayor, Licenses	15,220 86	5,227 77	9,993 09	.....	5,384 80	9,836 06	.....	14,143 13	1,077 71	.....		60
61	Mayor, Weights and Measures	12,125 27	7,374 99	4,750 28	.....	7,347 44	4,777 83	.....	9,511 91	2,613 36	.....		61
62	Metropolitan Sewerage Commission	**8,887 47**	**5,753 33**	3,134 14	.....	7,989 64	897 83	.....	8,750 98	**136 49**	.....		62
63	Municipal Civil Service Commission	**35,716 23**	**34,429 87**	1,286 36	.....	33,670 33	2,045 90	.....	37,315 23	.....	1,599 00		63
64	Municipal Courts, Manhattan	129,547 43	124,386 24	5,161 19	.....	128,920 34	627 09	.....	129,162 10	385 33	.....		64
65	Municipal Courts, Bronx	10,249 92	9,874 92	375 00	.....	10,249 92	.....	.....	10,250 24	.....	32		65
66	Municipal Courts, Brooklyn	57,374 56	55,624 56	**1,750 00**	.....	**57,297 95**	**76 61**	.....	**57,500 92**	.....	126 36		66
67	Municipal Courts, Queens	16,299 72	11,549 79	4,749 93	.....	15,731 19	568 53	.....	16,300 80	.....	1 08		67
68	Municipal Courts, Richmond	8,299 86	7,699 86	600 00	.....	8,167 71	132 15	.....	8,300 13	.....	27		68
69	Municipal Explosives Commission	**2,985 00**	**936 51**	2,048 49	.....	210 31	2,774 69	.....	3,392 50	.....	407 50		69
70	National Guard, New York	47,571 00	43,012 22	4,558 78	.....	43,750 50	3,820 50	.....	47,842 50	.....	271 50		70
71	National Guard, Kings	34,701 50	32,148 08	2,553 42	.....	33,618 50	1,083 00	.....	34,977 60	.....	276 10		71
72	National Guard, Queens	1,260 00	1,260 00	.....	.....	1,260 00	.....	.....	1,198 00	62 00	.....		72
73	Normal College	87,420 01	74,662 26	12,757 75	.....	84,755 27	2,664 74	.....	86,549 98	870 03	.....		73

Line Number.	Department.	Comparison, First Quarter of 1911, Ending March 31, with the First Quarter of 1910. First Quarter, 1911.	Increase.	Decrease.	Comparison, First Quarter of 1911, Ending March 31, with the Fourth Quarter of 1910, Ending December 31, 1910. Fourth Quarter, 1910.	Increase.	Decrease.	Comparison, First Quarter of 1911, Ending March 31, with the First Quarter of 1909. First Quarter, 1909.	Increase.	Decrease.	First Quarter, 1910.	Remarks.
74	Parks, Manhattan and Richmond	192,048 21	10,809 41		204,690 46		12,642 25	199,062 25		7,014 04	197,452 63	Organized October, 1909.
75	Parks, The Bronx	71,762 12		9,636 16	100,321 75		28,559 63	98,561 20		26,799 08	60,952 71	*Includes detailed police.
76	Parks, Brooklyn and Queens	149,730 85		9,636 16	181,537 86		31,807 01	138,611 75	11,119 10		159,367 91	
77	Parole, Board of	699 96			700 12		16	699 96			699 96	
78	Permanent Census Board	7,893 62	5,219 94		6,154 19	1,739 43		*3,268,171 65	7,893 62		2,673 68	
79	Police	3,364,654 03	37,244 04		3,447,969 80		83,315 77	505,387 58	96,482 38		3,327,409 99	
80	President, Borough of Manhattan	431,158 68		33,881 55	478,328 96		47,170 28	300,657 08		74,228 90	465,040 23	
81	President, Borough of The Bronx	257,617 87		31,435 61	338,708 52		81,180 65	375,265 41	33,126 49	43,039 21	289,053 48	
82	President, Borough of Brooklyn	408,391 90	5,442 61		515,086 07		106,694 17	330,153 32		21,739 52	402,949 29	
83	President, Borough of Queens	308,413 80		20,516 24	371,300 49		62,886 69	169,320 69	19,524 97		328,930 04	
84	President, Borough of Richmond	188,844 66		1,728 28	208,177 95		19,332 29	6,332 40	50 01		190,573 94	
85	Public Administrator, New York	6,382 41	50 01		6,382 78		37	300 00			6,332 40	
86	Public Administrator, Queens	300 00			300 00				36,742 57		300 00	
87	Public Charities	259,318 76	19,236 13		256,251 30	3,067 46		222,576 19	18,336 00		240,082 63	
88	Public Service Commission	227,952 99		11,762 16	240,423 37		12,470 38	209,616 99			239,715 15	
89	Records, Commissioner of, New York	17,228 72	2,182 13		17,852 71		623 99	6,739 95	10,488 77		15,046 59	
90	Records, Commissioner of, Kings	24,472 82	171 28		24,641 14		168 32	24,222 70	250 12		24,301 54	
91	Register, New York	69,771 46	13,101 65		55,759 88	14,011 58		56,350 04	13,421 42		56,669 81	
92	Register, Kings	49,499 86		489 95	58,171 28		8,671 42	49,993 17		493 31	49,989 81	
93	Sheriff, New York	31,511 03	149 80		31,548 00		36 97	30,505 87	1,005 16		31,361 23	
94	Sheriff, Kings	19,649 73		673 12	19,900 84		251 11	20,523 36		874 63	20,322 85	
95	Sheriff, Queens	13,924 83			13,924 83			3,697 35	10,227 48		13,924 83	
96	Sheriff, Richmond	3,825 64	675 70		3,845 58		19 94	3,149 94	675 70		3,149 94	
97	Sinking Fund, Commissioners of	762 48			762 56		08	724 98	37 50		762 48	
98	Special Sessions, Court of	66,931 36	21,320 09		64,525 01	2,406 35		43,534 25	23,397 11		45,611 27	
99	Street Cleaning	1,314,549 51		2,523 39	1,345,013 91		30,464 40	1,227,533 60	87,015 91		1,317,072 90	
100	Supreme Court, First Department	217,789 88	9,751 25		208,597 01	9,192 87		225,817 81		8,027 93	208,038 63	
101	Supreme Court, Second Department	80,738 70		696 91	78,578 65	2,160 05		84,199 47		3,460 77	81,435 61	
102	Supreme Court, Richmond	1,249 98	1,249 98			1,249 98			1,249 98			
103	Supreme and County Court, Queens	13,873 67		512 07	14,318 87		445 20	12,249 96		1,623 71	14,385 74	
104	Surrogate, New York	41,573 27	1,633 95		43,708 31		2,135 04	43,561 05		1,987 78	43,207 22	
105	Surrogate, Kings	22,450 47		557 79	22,605 96		155 49	22,310 62	139 85		23,008 26	
106	Surrogate, Queens	5,420 30	1,290 32		4,396 10	1,024 20		4,100 95	1,319 35		4,129 98	
107	Taxes and Assessments	127,441 16	8,025 08		127,626 74		185 58	121,343 87	6,097 29		119,416 08	
108	Tenement House	186,655 31		7,085 41	188,014 60		1,359 29	182,657 29	3,998 02		193,740 72	
109	Water Supply, Board of	517,456 93	96,679 98		554,964 87		37,507 94	*871,200 10	230,124 70		420,776 95	
110	Water Supply, Gas and Electricity	904,006 37	7,142 74		907,345 69		3,339 32	287,332 23	32,806 27		*896,863 63	
	Grand totals	$21,678,242 80	$611,181 58	$179,679 15	$22,802,104 33	$61,942 69	$1,185,804 22	$20,534,535 61	$1,340,573 10	$196,865 91	$21,246,740 37	
			179,679 15			Increase	61,942 69	Decrease	196,865 91		Decrease	
			$431,502 43=2.03%			Net decrease	$1,123,861 53=4.93%	Net decrease	$1,143,707 19=5.57%		Net increase	

(Continued from page 4326.)

Borough of Manhattan.	Per Annum.
Janitor of the High School of Commerce for the care of the athletic field adjoining said school	$300 00
Janitor, Public School 57, for the care of the leased annex to said school	540 00
Borough of The Bronx.	
Janitor, Public School 12, for the care of two portable buildings	180 00
Janitor, Public School 15, for the care of three portable buildings	480 00
Janitor, Public School 27, for the care of the leased annex to said school	120 00
Janitor, Public School 34, for the care of the leased annex to said school	500 00
Janitor, Public School 36, for the care of the annex to said school, from—	
October 1 to April 30 in each year	480 00
May 1 to September 30 in each year	180 00
Borough of Brooklyn.	
Janitor, Public School 54, for the care of Annex No. 2	180 00
Janitor, Public School 59, for the care of the leased annex to said school	300 00
Janitor, Public School 73, for the care of one portable building	120 00
Janitor, Public School 80, for the care of three portable buildings	360 00
Janitor, Public School 95, for the care of four portable buildings	900 00
Janitor, Public School 97, for the care of one portable building	120 00
Janitor, Public School 99, for the care of four portable buildings	480 00
Janitor, Public School 105, for the care of one portable building	120 00
Janitor, Public School 106, for the care of the leased annex to said school	320 80
Janitor, Public School 115, for the care of three portable buildings	360 00
Borough of Queens.	
Janitor, Public School 14, for the care of the annex to Public School 89	708 00
Janitor, Public School 50, for the care of one portable building	180 00
Janitor, Public School 53, for the care of one temporary building	120 00
Janitor, Public School 54, for the care of one temporary building	264 00
Janitor, Public School 57, for the care of one temporary building	216 00
Janitor, Public School 67, for the care of two temporary buildings	516 00
Borough of Richmond.	
Janitor, Public School 21, for the care of one portable building	180 00
Janitor, Public School 23, for the care of the leased annex to said school	120 00

It is important that early action be taken in regard to the fixation of these salaries as these Janitors have been and are now being paid at the above rates.

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 24, 1911, the Board of Education requested the fixation, pursuant to the provisions of section 56 of the Greater New York Charter, of the compensation of sundry Janitors in the Public Schools in accordance with a list submitted. The list includes additional compensation for care of leased annexes, portable buildings and athletic fields. The Janitors are being paid at the rates specified.

We recommend that the request be granted by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; Select Committee.

The following was offered:

Whereas, By opinions of the Corporation Counsel, as of June 28, 1910, and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education is illegal, unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The matter of adjusting the compensation of Janitors and the fixation of their salaries under the provisions of section 56 of the Charter is now in the hands of a Special Committee of the Board of Estimate and Apportionment; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, pending the report of said Committee, the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

Manhattan.

Position.	School	Care of	Rate.
Janitor....	High Sch. of Commerce.	Athletic field adjoining school	$300 per annum
Janitor....	P. S. 57.....	Leased annex	540 per annum

The Bronx.

Position.	School	Care of	Rate.
Janitor....	P. S. 12.....	2 portable buildings	$180 per annum
Janitor....	P. S. 15.....	3 portable buildings	480 per annum
Janitor....	P. S. 27.....	Leased annex	120 per annum
Janitor....	P. S. 34.....	Leased annex	500 per annum
Janitor....	P. S. 36.....	Annex (Oct. 1 to April 30)..	480 per annum
Janitor....	P. S. 36.....	Annex (May 1 to Sept. 30)..	180 per annum

Brooklyn.

Position.	School	Care of	Rate.
Janitor....	P. S. 54.....	Annex No. 2.....	$180 per annum
Janitor....	P. S. 59.....	Leased annex	300 per annum
Janitor....	P. S. 73.....	1 portable building	120 per annum
Janitor....	P. S. 80.....	3 portable buildings	360 per annum
Janitor....	P. S. 95.....	4 portable buildings	900 per annum
Janitor....	P. S. 97.....	1 portable building	120 per annum
Janitor....	P. S. 99.....	4 portable buildings	480 per annum
Janitor....	P. S. 105.....	1 portable building	120 per annum
Janitor....	P. S. 106.....	Leased annex	320.80 per annum
Janitor....	P. S. 115.....	3 portable buildings	360 per annum

Queens.

Position.	School	Care of	Rate.
Janitor....	P. S. 14.....	Annex to P. S. 89.....	$708 per annum
Janitor....	P. S. 50.....	1 portable building.....	180 per annum
Janitor....	P. S. 53.....	1 portable building	120 per annum
Janitor....	P. S. 54.....	1 temporary building	264 per annum
Janitor....	P. S. 57.....	1 temporary building	216 per annum
Janitor....	P. S. 67.....	2 temporary buildings	516 per annum

Richmond.

Position.	School	Care of	Rate.
Janitor....	P. S. 21.....	1 portable building	$180 per annum
Janitor....	P. S. 23.....	Leased annex	120 per annum

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

The Comptroller presented the following communication from the Board of Education requesting, and report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending, that the compensation

of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the attached resolution:

(On May 4, 1911, the request of the Board of Education for the fixing of the compensation of Janitors of sundry school buildings was referred to said Committee.)

Board of Education, Park avenue and 59th street, New York, April 27, 1911.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment:*

Dear Sir—I have the honor to transmit herewith a certified copy of a resolution adopted by the Board of Education at a meeting held on April 26, 1911, relative to fixing the compensation of the Janitors of sundry school buildings.

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

Resolved, That the Board of Estimate and Apportionment be and it is hereby respectfully requested to recommend to the Board of Aldermen that the compensation of Janitors of public school buildings, etc., be fixed in accordance with the following list, taking effect on the date indicated in each instance:

Transfers.

Stephen A. Graves, Janitor-Engineer, from P. S. 38 (old), Manhattan, to P. S. 87C and 98A, Manhattan, $1,140 per annum, taking effect May 1, 1911.

George J. Keane, Janitor-Engineer, from P. S. 8, Richmond, to P. S. 38 (old), Manhattan, $900 per annum, taking effect May 1, 1911.

Temporary Assignments.

James Hannigan, P. S. 39, Brooklyn, $1,356 per annum, taking effect April 17, 1911.

James J. Hand, P. S. 28, Manhattan, $2,058 per annum, less rent allowance, $312 per annum, taking effect April 12, 1911.

Patrick Freeman, P. S. 58, Brooklyn, $1,416 per annum, less rent allowance, $221 per annum, taking effect April 12, 1911.

Matthew J. Brown, P. S. 1, Brooklyn, $1,548 per annum, less rent allowance, $221 per annum, taking effect April 15, 1911.

True copy of resolution adopted by the Board of Education at a meeting held on April 26, 1911. A. E. PALMER, Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 26, 1911, the Board of Education requested the fixation, pursuant to the provisions of section 56 of the Charter, of rates of compensation for Janitors of Public Schools 97C and 97A, 38 (old), and 28, Manhattan, and 39, 58 and 1, Brooklyn, in accordance with a list submitted.

We recommend that the request be granted by the adoption of the resolution attached hereto. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; Select Committee.

The following was offered:

Whereas, By opinions of the Corporation Counsel, as of June 28, 1910, and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education is illegal, unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The matter of adjusting the compensation of Janitors and the fixation of their salaries under the provisions of section 56 of the Charter, is now in the hands of a Special Committee of the Board of Estimate and Apportionment; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen that, pending the report of said Committee, the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

Janitor-Engineer, School 97C and 98A, Manhattan; compensation, $1,140 per annum.

Janitor-Engineer, School 38 (Old), Manhattan; compensation, $900 per annum.

Janitor, School 39, Brooklyn; compensation, $1,356 per annum.

Janitor, School 28, Manhattan; compensation, $2,058 per annum, less rent allowance of $312 per annum.

Janitor, School 58, Brooklyn; compensation, $1,416 per annum, less rent allowance of $221 per annum.

Janitor, School 1, Brooklyn; compensation, $1,548 per annum, less rent allowance of $221 per annum.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

After considering certain Public Improvement Matters, on motion of the Comptroller, the Board adjourned to meet Thursday, May 18, 1911, at 10.30 o'clock in the forenoon. JOSEPH HAAG, Secretary.

THE BOARD OF ALDERMEN OF THE CITY OF NEW YORK.

STATED MEETING.

Tuesday, May 16, 1911, 1.30 o'clock p. m.

The Board met in the Aldermanic Chamber, City Hall.

Present:

Hon. John Purroy Mitchel, President of the Board of Aldermen.

Aldermen

Francis P. Bent, Vice-Chairman;	William Drescher,	John McCann,
Thomas F. Baldwin,	Alexander Dujat,	George Markert,
Thomas F. Barton,	Daniel Ehntholt,	Samuel Marx,
Niles R. Becker,	Edward Eichhorn,	John J. Meagher,
John A. Bolles,	O. Grant Esterbrook,	George A. Morrison,
John H. Boschen,	Lawrence J. Fagan,	James J. Mulhearn,
Edward Brady,	William Fink,	Courtlandt Nicoll,
William D. Brush,	William H. Finley,	James J. Nugent,
Stephen Callaghan,	James H. Finnigan,	Lewis M. Potter,
James E. Campbell,	Ralph Folks,	John J. Reardon,
Michael Carberry,	John S. Gaynor,	John C. Ruff,
Charles P. Cole,	Waldo S. Godwin,	Joseph Schloss,
Daniel T. Cornell,	Henry F. Grimm,	Paul Sheridan,
Frank A. Cunningham,	James Hamilton,	W. Augustus Shipley,
Henry H. Curran,	Joseph M. Hannon,	James J. Smith,
Percy L. Davis,	William J. Heffernan,	Frederick Snell,
Charles Delaney,	Abram W. Herbst,	Michael Stapleton,
William J. Desmond,	John J. Hickey,	William C. Towen,
John Diemer,	John F. Hoertz,	Michael J. Volkmann,
Frank J. Dotzler,	William P. Kenneally,	Leonard A. Van Nostrand,
Frank L. Dowling,	Francis P. Kenney,	Louis Wendel, Jr.,
Robert F. Downing,	Max S. Levine,	John J. White,
Alexander S. Drescher,	John Loos,	Bryant Willard,
	Thomas J. McAleer,	James R. Weston.

George Cromwell, President, Borough of Richmond.

Lawrence Gresser, President, Borough of Queens, by Walter H. Bunn, Commissioner of Public Works.

Cyrus C. Miller, President, Borough of The Bronx, by Thomas W. Whittle, Commissioner of Public Works.

Alfred E. Steers, President, Borough of Brooklyn.

George McAneny, President, Borough of Manhattan.

The Clerk proceeded to read the minutes of the Stated Meeting of May 9, 1911.

On motion of Alderman Reardon, further reading was dispensed with, and the minutes were approved as printed.

On motion of Alderman Esterbrook the courtesies of the floor were extended to Ex-Councilman Adam H. Leich.

MESSAGES FROM HIS HONOR THE MAYOR.

The President laid before the Board the following message from his Honor the Mayor:

No. 3540.

City of New York, Office of the Mayor, May 10, 1911.

P. J. SCULLY, Esq., City Clerk, New York City:

Sir—The Mayor directs me to transmit to you the enclosed letter of C. L. Hagen, 46 W. 129th st., New York City, relative to the proposed new Building Code, with special reference to those sections of the Code relating to theatres and places of amusement. The subject is one in the hands of your Board, and the Mayor directs me to transmit Mr. Hagen's letter to you for your consideration.

Yours truly, ROBERT ADAMSON, Secretary.

Claude L. Hagen, Expert, Theatrical, Scenic and Amusement Devices, Designer and Builder of Stages, New York, May 9, 1911.

The Honorable Mayor of The City of New York and the Members of the Board of Aldermen of New York City, New York:

Gentlemen—I herewith present suggestions and additions to the proposed new Building Code, section 109, relative to theatre and place of amusements.

It is evident that the proposed code relative especially to the stage has been prepared by persons who are not familiar with the details of stage engineering, or the necessity of improved methods and inspection, to prevent a repetition of the Iroquois Theatre horror in our City. I am willing to explain, which will take considerable time as an expert, the inefficiency of the proposed code, and the necessity and advantages of the alterations and amendments, as herewith presented. To you personally or to any committee or board you may appoint, and hope to receive your valuable consideration. Respectfully, C. L. HAGEN, Stage Engineer.

Designer of stage and late technical director, the New Theatre, Central Park West, New York City; 46 W. 129th st., New York City.

Proposed alterations and amendments to Building Code, as printed in the minutes of a stated meeting of the Board of Aldermen, April 4, 1911, New York City, New York, proposed by Claude L. Hagen, Stage Engineer, 46 W. 129th st., New York City.

Proscenium curtain, page 45, shall read: Proscenium fire wall curtain.

The proscenium opening shall be provided with a rigid fire wall curtain, designed and constructed of such form and material as to withstand a pressure of twenty (20) pounds per square foot, over its entire surface without sufficient flexuer to interfere with its perfect freedom of movement, and resist a temperature of 800 degrees C., or 1472 degrees F., applied to its stage side continuously at one point, for four (4) minutes, without increasing the temperature of the front of the curtain, at a point directly opposite the testing point, to more than 120 degrees F.

The fire wall when operated as a curtain shall not run in guide ways, but hang as a slab one and one-half (1½) inches away from standard Z bars, secured to proscenium opening, and edge against wall made smoke tight the height of curtain above floor, and provided with a flexible fireproof smoke roll, one inch thick, secured to leg of bar nearest to curtain.

The fire wall shall extend six (6) inches past Z bars, and be provided with a flexible fireproof smoke roll, two inches in diameter, secured to its lower edge. The upper edge of curtain, provided with a Z bar on its face, which shall engage a similar bar secured to proscenium wall over arch horizontally, containing a smoke roll, similar to bottom of curtain, so that when the fire wall is down in place, the top Z bars will clip together, with smoke roll between them and form a smoke-tight joint.

The fire wall shall further be provided with strong guide wheels at its front upper corners, arranged to engage the track way formed by Z bars, on sides, which will prevent any side swing of fire wall, and a steel wedge against the face of Z bar leg, so arranged it will engage side of guide wheel frame and draw fire wall tight to smoke rolls on back of vertical Z bars, as the wall reaches stage floor, a suitable wedge guide way shall be provided on stage floor at sides to receive bottom of fire wall and force it tightly to smoke rolls.

Fire wall shall be counterbalanced, so it will stand at any point, and shall be operated by hydraulic, electric or other power, which shall be arranged to lower fire wall at not less than one foot per second, until the fire wall shall be seven (7) feet from stage floor, where it shall gradually reduce its speed until it rests upon the stage floor. The fire wall shall further be provided with cables attached to its lower edge, so arranged that the same power required to raise the curtain shall be applied to its lower edge to pull it down to its proper place; and all such machinery provided to operate fire wall, shall be arranged to operate by hand power (should other power give out), from either the working fly gallery or stage floor, no such fire wall curtain may be erected unless the detail of design, construction and operation shall be submitted in advance to Superintendent of Buildings and Fire Department, who shall submit every such curtain to a fire and operating test, before approving same.

Control of Fire Wall Curtain.

New section to follow Fire Wall Curtain (page 45).

The fire wall curtain power control shall be arranged to be operated from all fly galleries, rigging loft, stage floor, trap cellar, and a main control located on proscenium wall, approximately ten (10) feet above stage floor and four (4) feet back from proscenium opening, on the side of stage opposite to switchboard. Provided with a suitable balcony, with iron ladders from stage and fly gallery for operator. And shall be known as the fire station, provided with gauges to record pressure in all water service pipe, and hydraulic machines when used. When electric motor power is used to operate fire wall, electric lamps shall be installed in fire station and supplied from the service to the motor from a point near same, service to motors or hydraulic machines operating fire wall shall be separate and distinct from all other service.

The fire station shall be kept clear at all times, so operator will have a clear view of all parts of stage and part of auditorium.

Sec. 2. To be added as printed.

Sec. 3. To be added as printed.

Vents in Stage Section (Page 46).

This entire section shall be removed, and vents provided for under title of:

Stage House Skylight Vents.

The stage house shall be provided with three (3) fireproof skylight vents, having a combined horizontal sectional area, equal to and not less than eleven (11) per cent. of the superficial floor area within the stage house. And shall be located on a line one-quarter (¼) of the depth of stage from the back wall, and intersecting lines from the centre and each side of the proscenium opening.

The cover of each skylight vent shall be formed of two (2) covers, hinged at their centre by non-corrosive hinges to side walls of vent house, so that surface of covers shall be on a forty-five (45) degree angle or pitch. Each cover shall have the same overhang as required to cover one-half (½) of vent house on each side pitch, the projecting surface being smooth and solid, and that part over vent house glazed with wire glass. All arranged and balanced so that when covers are released, they will fly positively to a vertical position and their lower ends shall be not less than one (1) foot above stage house roof when vertical. Where covers rest upon top of vent house walls there shall be provided a substantial, flexible, non-corrosive, non-adhesive roll or pad that shall completely seal or close the joint between the cover and vent house and prevent drafts. Each cover shall be provided with approved fusible links, to which are attached cords which extend over rigging loft to proscenium wall and thence down through fire station to trap cellar and across understage to opposite side and then up to rigging loft and attached to counterweights sufficiently heavy to keep vent cover properly closed. Wire netting shall be attached to each cover under glass and under the netting an opaque operating curtain that will exclude all daylight only when required for performances. All arranged so as not to interfere with vent covers flying open, positively when released. At least three (3) fusible links, approved, shall be provided in each cord which holds vent covers closed, where they pass over the rigging loft and through trap cellar. Stations five (5) feet above all floor levels and fire station shall be installed upon proscenium walls, provided with a reliable, non-detachable device to sever cords. All such stations shall be identified by a sign made of red letters three (3) inches high on a white background, reading "Skylight vents; cut cords in case of fire." Openings under and in skylight vents shall not be obstructed by automatic extinguishers, beams, pipes or other constructions,

Scenery (page 46), shall read:

All stage scenery, curtains and decorations, and all woodwork on or about the stage, shall be painted or saturated with an efficient, non-combustible material, or otherwise made non-inflammable and rendered safe against fire, and the same shall be tested before the first exhibition of any entertainment, and, if approved, every three (3) months thereafter, and so indicated by a stamp of the Inspector only.

Gridiron (page 46), shall read:

Rigging Loft.

The rigging loft shall have a lattice iron floor, with opening in same not less than four (4) inches in width, and capable of sustaining a live load of seventy-five (75) pounds per square foot, and be readily accessible by an iron stairway and an iron ladder on each side of rigging loft and shall be further provided with a fire-escape to ground from each side of rigging loft.

Counterweights (page 46), shall read:

Counterweights.

All counterweights shall operate within or upon steel guideways secured to walls of stage house. There shall be an open space under same, so that weights may descend to cellar floor without striking beams, pipes, conduits or other vital construction, and shall be protected by a skeleton iron partition or wall not less than two (2) feet away from face of counterweights, when they are not enclosed, and shall extend from stage to first fly gallery.

Operating lines of counterweights shall be secured at one level or floor only.

No counterweights or other devices used to suspend the scenery, including curtains, except fire wall curtain, shall be used at any theatre which does not permi the scenery or material so suspended to be lowered entirely and instantaneously to the stage floor, and all scenery so counterweighted shall be lighter than the counterweight so scenery will descend to stage floor when operating line is released.

Hanging Scenery.

New paragraph after Scenery (page 46):

No material of any kind shall be suspended or operated from the rigging lof of any theatre, except by wire cable, iron rods, chains, or similar fireproof material and shall be arranged so that any material suspended by same may be lowered entirely to the stage floor instantly by hand power.

Fire Apparatus Under Control of Fire Department (page 49), amended to read

Apparatus for the prevention and the extinguishing of fire, and the protection of the public and employees, while assembled in places of amusements, or instructions shall be inspected and kept at all times by and under control of the Fire Department, and it shall be the duty of this Department to test the fire wall curtain, skylight vents, and the pressure in all water service pipes, in all places of amusements, and see that same is efficient before the doors are open to the public at each performance or exhibition. Each fire station in stage house shall be provided with an approved fire-alarm box and telephone connections to nearest City station, and each theatre fire station shall be under the control of a detailed Freman at each performance, whose duty shall be to see that all fire apparatus is unobstructed and that the fire wall and skylight vents are operating efficiently and there is an ample pressure of water in all water service pipes, and he shall remain at the fire station as long as there are any persons in the auditorium other than employees, and in event of fire he shall first send in an alarm; second, open skylight vents; third, lower fire wall curtain, and then direct employees in use of other fire apparatus until a superior officer arrives.

Stage House.

The term stage house shall be used to define that portion of a theatre or building wherein is contained the stage and its equipment.

C. L. HAGEN.

New York, May 9, 1911.

Which was referred to the Committee on Buildings.

PETITIONS AND COMMUNICATIONS.

No. 3541.

New York, May 10, 1911.

Hon. JOHN PURROY MITCHEL, 51 Chambers St., City:

Dear Sir—A matter which at present is the centre of discussion in the theatrical profession and of vast importance to the City wherein it relates to a source of revenue, has caused me to call your attention to a new ruling which has suddenly become effective, compelling places of amusement rendering vaudeville to abandon that field or deposit $500 cash for the year license if they wish to continue; or at option exhibit moving pictures and obtain a license for the sum of $25 a year under the head of a common show license. The latter being an ancient ordinance established long before the present craze of moving picture theatres, and is being used to cover that privilege, meets more with the approval of the amusement owners; thus depriving the City of a large income and causing thousands of performers to lose employment who have arrived here from various parts of the country.

As I believe a great injustice is rendered to the small amusement owner who is compelled to pay the same license fee as charged to the very largest house and who is endeavoring to entertain the poorer classes in this City by an inexpensive amusement, besides his income being much less than the owner of a larger theatre, he is therefore deprived of this right by the new ruling. I trust that in behalf of the working people and for the interest of the City to increase its revenue, that with your influence some City ordinance can be drafted to regulate this matter fairly and to the mutual interest of all concerned. I submit the following schedu'e for your very careful consideration and subject to amendments to come under the jurisdiction of the Police Department:

		Yearly.
1.	Common show license, allowing display, no vaudeville, no singing or dancing, no concert, no moving pictures or stereopticon	$25 00
2.	Moving picture license or stereopticon display (no vaudeville or concert, only piano), seating less than 300 persons. No singing or dancing	150 00
3.	Vaudeville license, no pictures displayed. (This can include clubs holding boxing bouts, seating less than 300)	150 00
4.	Theatre moving picture license or stereopticon display (no vaudeville or concert, only piano, seating over 300 or less than 1,000 persons)	250 00
5.	Vaudeville theatre license, No. 3, except seating 300 to 1,000; no picture display	250 00
6.	Concert license to permit vaudeville and pictures, seating less than 300, embodying Licenses No. 2 and No. 3	300 00
7.	Theatre license, as No. 4 and No. 5, allowing vaudeville and pictures in houses seating 300 to 1,000	500 00
8.	Opera house license, seating over 1,000, permitting vaudeville and pictures, or both	750 00

The term "concert" defined means vocal and instrumental selections under this heading. I believe department stores, rathskellers and cafes would be governed also. Should you advocate this scale, it would no doubt be a tremendous feature during your administration. Very truly yours,

HARRY HEINE, 211 E. 85th st., New York City.

Which was referred to the Committee on Laws and Legislation.

COMMUNICATIONS FROM CITY, COUNTY AND BOROUGH OFFICERS.

The President laid before the Board the following communication from the Commissioner of Bridges:

No. 3542.

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., May 11, 1911.

To the Honorable Board of Aldermen of The City of New York, City Hall, New York City:

Gentlemen—In pursuance of the provisions of subdivision 8 of section 188 of the amended Greater New York Charter, I herewith request your Honorable Board to recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue special revenue fund bonds in the amount of seven thousand five hundred dollars ($7,500), the proceeds thereof to be used for the purchase of automobiles for the use of the Department of Bridges.

There are at present five automobiles in use by this Department, three of which have been in service for about five years, and it is found that the cost of operation of these cars has become excessive, compared with the service obtained from them, on account of their wornout condition.

It is proposed to purchase four new cars with the proceeds of these special revenue bonds, after which the five cars now used by this Department will be sold at auction, and the proceeds turned over to the General Fund for the reduction of taxation.

Respectfully, KINGSLEY L. MARTIN, Commissioner.

Which was referred to the Committee on Finance.

The President laid before the Board the following communication from the Board of Education:

No. 3543.

Board of Education, Park ave. and 59th st., New York, May 11, 1911.

Hon. JOHN PURROY MITCHEL, President, Board of Aldermen:

Dear Sir—I have the honor to inform you that at a meeting of the Board of Education held on the 10th inst., the following resolution was adopted:

"Resolved, That the Board of Aldermen be and it is hereby respectfully requested to rescind its action in granting a permit for the location of a bootblack stand on the premises of Public School 137, located at Grand, Essex and Ludlow sts., Manhattan."

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

Which was referred to Alderman Levine.

The President laid before the Board the following communication from the Park Commissioner, Boroughs of Manhattan and Richmond:

No. 3544.

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, May 10, 1911.

To the Honorable Board of Aldermen, The City of New York:

Gentlemen—Inasmuch as the salary of Pipefitters in the employ of this City has recently been increased from $5 to $5.50 per day, and in order to meet this increase in the case of the one Pipefitter employed in this Department, I have the honor to request an issue of special revenue bonds to the amount of $138.50.

Yours truly,

CHARLES B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Which was referred to the Committee on Finance.

The President laid before the Board the following communications from the Police Commissioner:

No. 3545.

Police Department of the City of New York, Office of the Commissioner, New York, May 15, 1911.

The Honorable, the Board of Aldermen, City of New York:

Sirs—Replying to the letter of the City Clerk dated the 6th instant, transmitting copy of a resolution adopted by your Board asking for certain information concerning the so-called Special Patrolmen, I beg to state that I am advised that the records of this Department show the following:

On the first of January, 1911, there were 1086 Special Patrolmen; at the present time there are 403 Special Patrolmen.

From the first of January, 1911, up to the present time 114 appointments have been revoked because the incumbents were found to have been unfit, and 569 Special Patrolmen resigned. Respectfully,

JAMES C. CROPSEY, Police Commissioner.

No. 3546.

Police Department of the City of New York, Office of the Commissioner, New York, May 15, 1911.

P. J. SCULLY, Esq., City Clerk, City Hall, New York:

Sir—Referring to a resolution of the Board of Aldermen requesting that a Patrolman be stationed at 20th st. and 2d ave. to protect school children, the Commissioner directs me to inform you that a Patrolman is assigned to this school crossing on all school days from 8.15 to 9 a. m., from 12 noon to 1 p. m., and from 2.45 to 3.30 p. m. to protect the children crossing this avenue from the public schools on that street.

Very truly yours. L. E. BIRDSEYE, Secretary to the Commissioner.

Which were severally ordered on file.

The President laid before the Board the following communications from the Board of Estimate and Apportionment:

No. 3547.

Board of Estimate and Apportionment, City of New York, Office of the Secretary, 277 Broadway, May 15, 1911.

Hon. JOHN PURROY MITCHEL, President, Board of Aldermen:

Dear Sir—I transmit herewith certified copies of two resolutions adopted by the Board of Estimate and Apportionment May 11, 1911, authorizing the issue of corporate stock as follows:

Cal. No.

1B. $3,001,166.05 for the payment of awards and the interest thereon, in acquiring title to certain lands and premises in blocks bounded by Madison st., Market st., Henry st. and Birmingham st.; Monroe st., Market st., Madison st. and Pike st., etc.

4B. $8,690,000 for completing the easterly basin of the Jerome Park Reservoir, and for the construction and installation of a filtration plant therein.

I also enclose copies of communication from the Comptroller and of the report of the Corporate Stock Budget Committee, relative thereto, together with forms of resolutions for adoption by the Board of Aldermen to indicate its concurrence therein.

Yours very truly, JOSEPH HAAG, Secretary.

AN ORDINANCE providing for an issue of three million one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05) to provide means for the payment of the awards and the interest thereon in the matter of acquiring title to certain lands and premises in the blocks bounded by Madison st., Market st., Henry st., Birmingham st.; by Monroe st., Market st., Madison st. and Pike st.; by Henry st., Market st., East Broadway and Pike st.; by East Broadway, Market st., Pike st. and Division st.; by Bayard st., Forsyth st., Canal st. and Eldridge st.; by Bayard st., Chrystie st., Forsyth st. and Canal st; by Bayard st., Chrystie st., Canal st. and the Bowery in the Borough of Manhattan.

Be it Ordained by the Board of Aldermen of The City of New York as follows:

Section 1. The Board of Aldermen hereby approves of and concurs in the following resolution adopted by the Board of Estimate and Apportionment May 11, 1911, and authorizes the Comptroller to issue corporate stock to the amount and for the purposes therein specified:

Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York, to an amount not exceeding three million and one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05), for the purpose of providing means for the payment of the awards and the interest thereon in the matter of acquiring title to certain lands and premises in the blocks bounded by Madison st., Market st., Henry st. and Birmingham st.; by Monroe st., Market st., Madison st. and Pike st.; by Henry st., Market st., East Broadway and Pike st.; by East Broadway, Market st., Pike st. and Division st.; by Bayard st., Forsyth st., Canal st. and Eldridge st.; by Bayard st., Chrystie st., Forsyth st. and Canal st.; by Bayard st., Chrystie st., Canal st. and the Bowery, in the Borough of Manhattan, City of New York, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding three million and one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05), the proceeds to be applied to the purposes aforesaid.

City of New York, Department of Finance, Comptroller's Office, May 8, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—I am advised by the Corporation Counsel that the report of the Commissioners of Estimate and Appraisal, in the proceeding to acquire title by The City of New York, to certain lands and premises in the blocks bounded by Madison st., Market st., Henry st., and Birmingham st.; by Monroe st., Market st., Madison st. and Pike st.; by Henry st., Market st., East Broadway and Pike st.; by East Broadway, Market st., Pike st. and Division st.; by Bayard st., Forsyth st., Canal st. and Eldridge st.; by Bayard st., Chrystie st., Forsyth st. and Canal st.; by Bayard st., Chrystie st., Canal st. and the Bowery, in the Borough of Manhattan, City of New York, for Bridge

purposes, known as Manhattan Bridge, was confirmed in part by an order of the Supreme Court, dated April 21, 1911, and entered in the office of the Clerk of the County of New York, April 21, 1911.

The title to the land and improvements taken in this proceeding became vested in The City of New York on October 8, 1907, and June 1, 1908, pursuant to the provisions of resolutions of the Board of Estimate and Apportionment, adopted October 4, 1907, and May 15, 1908, respectively.

The total amount of the awards so confirmed is	$3,042,042 13
Aggregate amount of interest accrued thereon to June 15, 1911, is	629,123 92
Total	$3,671,166 05
There is available at this time for the payment of the above obligation corporate stock to the amount of	$670,000 00
Leaving the balance to be provided for of	$3,001,166 05

To provide means for the payment of these obligations corporate stock to the amount of three million and one thousand one hundred and sixty-six dollars and five cents ($3,001,166.05) should be issued, pursuant to the provisions of section 47 of the Greater New York Charter.

A resolution for that purpose is herewith submitted. Respectfully,

WM. A. PRENDERGAST, Comptroller.

No. 3548.

AN ORDINANCE providing for an issue of corporate stock in the sum of eight million six hundred and ninety thousand dollars ($8,690,000), for completing the easterly basin of the Jerome Park Reservoir, and for the construction and installation of a filtration plant therein, under the direction of the Commissioner of Water Supply, Gas and Electricity,

Be it Ordained by the Board of Aldermen of The City of New York as follows:

Section 1—The Board of Aldermen hereby approves of and concurs in the following resolution adopted by the Board of Estimate and Apportionment May 11, 1911, and authorizes the Comptroller to issue corporate stock of The City of New York to the amount and for the purposes therein specified:

Resolved, That, pursuant to the provisions of section 178 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to the amount of eight million six hundred and ninety thousand dollars ($8,690,000), for the purpose of providing means for completing the easterly basin of the Jerome Park Reservoir, and for the construction and installation of a filtration plant therein under the direction of the Commissioner of Water Supply, Gas and Electricity, and when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding eight million six hundred and ninety thousand dollars ($8,690,000), the proceeds whereof to be applied to the purposes aforesaid.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, April 12, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On July 29, 1910, the Board of Estimate and Apportionment adopted a resolution authorizing corporate stock to the amount of $2,200,000 for the completion of the easterly basin of the Jerome Park Reservoir. This appropriation was made at the request of the Commissioner of Water Supply, Gas and Electricity. In his request the Commissioner explained that the work of completing the easterly basin had been abandoned several years before at the suggestion of the then Commissioner of Water Supply, Gas and Electricity, who had submitted a proposition for the construction of a filter plant at this location.

Commissioner Thompson stated that he had consulted a number of Engineers, who were of the opinion the abandoned basin should be completed as originally planned, and that some provision should be made for the construction of a foundation upon which the filtration plant could be built if at some future time it should be thought advisable to erect such a plant.

The $2,200,000 was appropriated to carry out this plan of a storage reservoir with foundations which ultimately might be utilized for a filtration plant. At the time the appropriation was made the filtration plant itself was regarded as a project for the future.

Now, Commissioner Thompson desires to change the scope of the work and include at this time a filtration plant. In fact, he proposes to make the filtration plant the main feature of the improvement.

At the meeting of this Board, held January 26, 1911, a communication was received fram Commissioner Thompson requesting an additional authorization of $6,500 for the installation of a filter plant in the easterly basin of the reservoir. His request was referred to two Committees—the Corporate Stock Budget Committee, and a Committee consisting of the Mayor, the Comptroller, the President of the Borough of Manhattan, the President of the Borough of The Bronx and the President of the Borough of Richmond.

This last named Committee was appointed on November 18, 1910, to consider and report on the proposition submitted by William B. Ellison, on behalf of the New Jersey Securities Company, for the sterilization of the water supply of the City. As this Committee was considering the general question of sterilization and filtration, the request of Commissioner Thompson was referred to it as well as to the Corporate Stock Budget Committee.

Inasmuch as it was possible that the Committee on Filtration would report against filters and in favor of a sterilizing system entirely different, the Corporate Stock Budget Committee awaited the decision of the other Committee.

It now appears that the Committee on Filtration has been discharged from consideration of this matter, without making a report, and the Corporate Stock Budget Committee has been left alone to decide the two main questions involved in Commissioner Thompson's request, viz.:

First—Is it advisable to filter the Croton water supply?

Second—If it is advisable to filter the Croton water supply, should the filter plant be built now or deferred until the completion of the easterly basin of the Jerome Park Reservoir?

Your Committee believes that the Croton water supply should be filtered and that the filter plant should be built as part of the contract for the completion of the easterly basin of the Jerome Park Reservoir, if it is ever to occupy that site.

Commissioner Thompson, in a communication addressed to the Comptroller on March 11, 1911, reviewed at length the proposition submitted by W. B. Ellison, for the sterilization of the water supply, and expressed himself as opposed to the proposition. The Commissioner stated that there was nothing new in the proposed system of sterilization; that it was a system already used by the Department to a certain extent, that it was efficient in ridding water of objectionable bacteria, and where sanitary treatment for the elimination of pathogenic germ was the only requirement it would suffice, but that it would not suffice with Croton water. He stated that it was not true that filtration had been superseded by the sterilization method.

The authorities are practically unanimous in the opinion that the Croton water supply should be filtered, as a sanitary measure, and to improve the appearance, taste and odor of the water.

The Commission on Additional Water Supply, known as the Burr-Hering-Freeman Commission, recommended in a report made in 1903, that work be begun immediately for the filtration of the Croton water supply, and that all new supplies be filtered.

In 1904, J. Waldo Smith, the then Chief Engineer of the Aqueduct Commission, recommended, with the concurrence of W. H. Burr, Consulting Engineer, that the work on the easterly basin of the Jerome Park Reservoir be suspended, pending the determination of the question of filtering the Croton supply. The Health Department has repeatedly called attention to the necessity of filtering the Croton water supply.

Messrs. Hagen & Whipple, Consulting Engineers, in their report upon the question of filtration of the Croton water supply, say that filtration is needed from a sanitary standpoint. They state that the population upon the watershed is considerable, and is increasing yearly, and the City is not in a position to limit in any way this increase in population, nor to prevent the construction of the sewers required for their convenience and health. They state further that filtration is required to improve the physical character of the water, which at present is discolored to a slight extent by yellow coloring matter, and is somewhat turbid, and subject to objectionable tastes and odors; that the character of the water is such that people who become used to filtered or spring water, will not readily drink Croton water, as is shown by the almost universal use of other drinking waters in hotels, restaurants and also in many private houses.

Messrs. Hagen & Whipple state further that for many years The City of New York has had at least as good water as any large city in the country, and that the water has certainly been far better in quality than that in most of the large cities. This condition, they state, is rapidly being changed. The water supplies of many cities formerly inferior to those of New York are now as good or better because of purification works.

All the authorities in their discussion of the question point out the fact that the public demands water that must not only be sanitary, but palatable.

The Department of Water Supply, Gas and Electricity has concluded, after a detailed study of the question, and after considering the practical results obtained at the experimental station (opened during 1906), that a filter is necessary.

The site selected for the filter plant is the eastern and unfinished section of the proposed Jerome Park Reservoir, which has an area of about 134 acres.

The proposed plant is to have a capacity of 400 million gallons a day.

The filter plant is to consist of a settling basin on the northern section, covering about 37 acres; sand filters consisting of 102 filter beds covering about 48 acres of the central section, with an effective area of 42 acres, and a clear water reservoir in the southern portion of the site covering about 46 acres. This clear water reservoir is to extend underneath the filter beds, and in that way receive the filtered water. The new aqueduct delivers about 310 million gallons per day, the old aqueduct delivers about 90 million gallons daily. This will all pass through the filter plant.

Assuming it to be a settled fact that the water supply should be filtered and that the easterly basin of the Jerome Park Reservoir is the best site for the plant, then your Committee believes there could be no two opinions upon the advisability of doing the work simultaneously with the construction of the easterly basin of the reservoir.

The work of the completing the easterly basin in accordance with the revised plans and the installation of a filter plant are so closely connected, the top of one being the floor or bottom of the other, that by letting contracts at the same time, or perhaps better, by awarding the work of both items in one contract, the total cost will be less, and the City will receive the benefit of filtered water two years earlier.

Bookkeeping complications and other inconveniences could be avoided by having the filter plant built and the easterly basin completed under the same contract. We recommend that the $2,200,000 authorized July 29, 1910, by rescindment and new authorization be made applicable to both the work of completing the basin and the work of constructing a filtration plant, and that the Board authorize $6,500,000 additional to be used for both purposes as a joint improvement. Attached hereto are two resolutions, which, if adopted, will carry our recommendations into effect.

Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

Which were severally referred to the Committee on Finance.

No. 3549.

Board of Estimate and Apportionment, City of New York, Office of the Secretary, 277 Broadway, May 15, 1911.

Hon. JOHN PURROY MITCHEL, President, Board of Aldermen:

Dear Sir—I transmit herewith certified copies of two resolutions adopted by the Board of Estimate and Apportionment May 11, 1911, as follows:

Calendar No. 61. Recommending the fixing of compensation of Janitors in the Department of Education, as set forth therein.

Calendar No. 62. Recommending the fixing of compensation of Janitors and Janitor-Engineers in the Department of Education, as set forth therein.

I also enclose copies of reports of the Select Committee on Salaries and Grades relative thereto, together with forms of resolutions for adoption by the Board of Aldermen to indicate its concurrence therein. Yours very truly,

JOSEPH HAAG, Secretary.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 11, 1911:

Whereas, By opinions of the Corporation Counsel, as of June 28, 1910, and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education is illegal, unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The matter of adjusting the compensation of Janitors and the fixation of their salaries under the provisions of section 56 of the Charter is now in the hands of a Special Committee of the Board of Estimate and Apportionment; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen pending the report of said Committee, the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

Manhattan.

Position.	School.	Care of.	Rate.
Janitor....	High Sch. of Commerce.	Athletic field adjoining school	$300 per annum
Janitor....	P. S. 57.....	Leased annex	540 per annum

The Bronx.

Position.	School.	Care of.	Rate.
Janitor....	P. S. 12.....	2 portable buildings	$180 per annum
Janitor....	P. S. 15.....	3 portable buildings	480 per annum
Janitor....	P. S. 27.....	Leased annex	120 per annum
Janitor....	P. S. 34.....	Leased annex	500 per annum
Janitor....	P. S. 36.....	Annex (Oct. 1 to April 30)..	480 per annum
Janitor....	P. S. 36.....	Annex (May 1 to Sept. 30)..	180 per annum

Brooklyn.

Position.	School.	Care of.	Rate.
Janitor....	P. S. 54.....	Annex No. 2.....	$180 00 per annum
Janitor....	P. S. 59.....	Leased annex	300.00 per annum
Janitor....	P. S. 73.....	1 portable building.....	120 00 per annum
Janitor....	P. S. 80.....	3 portable buildings.....	360 00 per annum
Janitor....	P. S. 95.....	4 portable buildings.....	900 00 per annum
Janitor....	P. S. 97.....	1 portable building.....	120 00 per annum
Janitor....	P. S. 99.....	4 portable buildings.....	480 00 per annum
Janitor....	P. S. 105.....	1 portable building.....	120 00 per annum
Janitor....	P. S. 106.....	Leased annex	320 80 per annum
Janitor....	P. S. 115.....	3 portable buildings.....	360 00 per annum

Queens.

Position.	School.	Care of.	Rate.
Janitor....	P. S. 14.....	Annex to P. S. 89.....	$708 per annum
Janitor....	P. S. 50.....	1 portable building.....	180 per annum
Janitor....	P. S. 53.....	1 portable building.....	120 per annum
Janitor....	P. S. 54.....	1 temporary building.....	264 per annum
Janitor....	P. S. 57.....	1 temporary building.....	216 per annum
Janitor....	P. S. 67.....	2 temporary buildings.....	516 per annum

Richmond.

Position.	School.	Care of.	Rate.
Janitor....	P. S. 21.....	1 portable building.....	$180 per annum
Janitor....	P. S. 23.....	Leased annex	120 per annum

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the compensation of said positions as set forth therein.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 24, 1911, the Board of Education requested the fixation, pursuant to the provisions of section 56 of the Greater New York Charter, of the compensation of sundry Janitors in the public schools in accordance with a list submitted. The list includes additional compensation for care of leased annexes, portable buildings and athletic fields. The Janitors are being paid at the rate specified.

We recommend that the request be granted by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; Select Committee.

No. 3550.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 11, 1911:

Whereas, By opinions of the Corporation Counsel, as of June 28, 1910, and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education is illegal, unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The matter of adjusting the compensation of Janitors and the fixation of their salaries under the provisions of section 56 of the Charter, is now in the hands of a Special Committee of the Board of Estimate and Apportionment; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen that, pending the report of said Committee, the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

Janitor-Engineer, School 97C and 98A, Manhattan; compensation, $1,140 per annum.

Janitor-Engineer, School 38 (Old), Manhattan; compensation, $900 per annum.

Janitor, School 39, Brooklyn; compensation, $1,356 per annum.

Janitor, School 28, Manhattan; compensation, $2,058 per annum, less rent allowance of $312 per annum.

Janitor, School 58, Brooklyn; compensation, $1,416 per annum, less rent allowance of $221 per annum.

Janitor, School 1, Brooklyn; compensation, $1,548 per annum, less rent allowance of $221 per annum.

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the compensation of said positions as set forth therein.

Department of Finance, City of New York, Bureau of Municipal Investigations and Statistics, May 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On April 26, 1911, the Board of Education requested the fixation, pursuant to the provisions of section 56 of the Charter, of rates of compensation for Janitors of Public Schools 97C and 97A, 38 (old), and 28 Manhattan, and 39, 58 and 1 Brooklyn, in accordance with a list submitted.

We recommend that the request be granted by the adoption of the resolution attached hereto. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; Select Committee.

Which were severally referred to the Committee on Salaries and Offices.

The President laid before the Board the following communication from the President, Borough of Brooklyn:

No. 3551.

Office of the President of the Borough of Brooklyn, The City if New York, Brooklyn, May 16, 1911.

Honorable Board of Aldermen, City of New York:

Gentlemen—I respectfully request your Honorable body to adopt resolution appropriating the sum of $15,353.61 revenue bonds for the maintenance and operation of the Coney Island bath for the season 1911. The attached schedule shows, in detail, the necessities for the above amount of money.

I would further request you kindly have this matter given early consideration.

Yours very respectfully,

L. H. POUNDS, Acting Borough President.

A List of Employees Necessary to Operate the Municipal Bath House at Coney Island, Together with Cost of Equipment and Maintenance Thereof.

First Floor—Office:			
1 Manager	at	$1,800 00	$1,800 00
4 Female Cashiers	at	750 00 each	3,000 00
2 Female Key Clerks	at	750 00 each	1,500 00
4 Male Key Clerks	at	900 00 each	3,600 00
Room for Valuables:			
4 Female Property Clerks	at	750 00 each	3,000 00
4 Male Property Clerks	at	900 00 each	3,600 00
In Charge of Entrances, Aisles and Exits:			
7 Female Attendants	at	750 00 each	5,250 00
16 Male Attendants	at	900 00 each	14,400 00
Second Floor:			
11 Female Attendants	at	750 00 each	8,250 00
Third Floor—Room for Valuables:			
6 Male Property Clerks	at	900 00 each	5,400 00
For Aisles and Exits:			
11 Male Attendants	at	900 00 each	9,900 00
2 Watchmen	at	900 00 each	1,800 00
1 Housesmith	at	1,200 00	1,200 00
4 Life Savers (per day)	at	2 50 each	3,650 00
			$66,350 00

The total cost of $66,350, shown herein, is the estimated cost to operate on a yearly basis, and as it is expected that this bath will open on or about July 15, one-sixth of the above indicated cost would be necessary for the present season, or the sum of $11,058.33.

Salaries	$11,058 33
Equipping two hospital rooms with cots, furniture, etc., at $100 each	200 00
Two surf boats, at $125 each	250 00
Furnishing and installing stakes and life lines	975 00
Telephone for six months	30 00
10,000 rubber key rings	400 00
Janitors' supplies	250 00
Sidewalk between building line and front of bath	630 00
Proposed changes in drainage, etc	560 28
Miscellaneous—for possible contingencies	1,000 00
	$15,353 61

Which was referred to the Committee on Finance.

REPORTS OF STANDING COMMITTEES.

Reports of Committee on Salaries and Offices—

No. 2981.

The Committee on Salaries and Offices, to which was referred on March 7, 1911 (Minutes, page 984), the annexed resolution in favor of fixing grade of Draftsman, Fire Department, at $1,500 per annum, respectfully

REPORTS:

That this resolution is for the purpose of officially fixing a grade which, through some oversight, was never created, in accordance with the provisions of section 56 of the Charter, although the salaries were regularly paid.

It, therefore, recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held March 2, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Fire Department of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate per Annum.	Number of Incumbents.
Draftsman	$1,500 00	3

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3502.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 263), the annexed resolution in favor of establishing grade of Inspector of Sewer Construction, Borough of Queens, at $4 per diem, respectfully

REPORTS:

That this is fixing a grade, at the regular rate, for employees paid from other than Budget funds.

The Committee recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the office of the President of the Borough of Queens, of the position, in addition to those heretofore established, as follows:

Title.	Rate per Diem.	Number of Incumbents.
Inspector of Sewer Construction	$4 00	Unlimited

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3503.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 264), the annexed resolution in favor of fixing grade of Fireman, Nautical School, at $540 per annum, with maintenance, respectfully

REPORTS:

That this resolution is for the purpose of providing for one additional incumbent in this grade, needed for the annual cruise.

It, therefore, recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Nautical School in the Department of Education of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate per Annum.	Number of Incumbents.
Fireman, with maintenance	$540 00	4

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3504.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 264), the annexed resolution in favor of fixing grade of Foreman Steam Fitter, Fire Department, at $6 per diem, respectfully

REPORTS:

That this resolution provides for a daily wage for the Foreman fifty cents over that received by the employees under his supervision.

It, therefore, recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Fire Department of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate per Diem.	Number of Incumbents.
Foreman Steam Fitter	$6 00	1

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3506.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 266), the annexed resolution in favor of fixing grade of Comparers in Office of Surrogate, Kings County, at $1,200 per annum, respectfully

REPORTS:

That this grade, for two incumbents, is for the purpose of having copies of all papers filed with the Surrogate properly compared with the originals by careful men, whose time will be entirely devoted to this work.

It, therefore, recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment, in the office of Surrogate, Kings County, of the position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Comparers	$1,200 00	2

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3507.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 267), the annexed resolution in favor of fixing grade of Inspector of Blasting, Fire Department, at $1,500 per annum, respectfully

REPORTS:

That Commissioner Waldo appeared before the Committee and stated that this resolution covered merely a change of title from that of Oil Surveyor, and did not contemplate any new position or increase of salary.

The Committee recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Fire Department of the position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Inspector of Blasting	$1,500 00	2

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3508.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 267), the annexed resolution in favor of establishing grade of position of Storekeeper, Department of Docks and Ferries, at $1,800 per annum, respectfully

REPORTS:

That this resolution is a change in title for a Foreman of Laborers at present receiving the same salary and who is now performing work covered by the new title.

It, therefore, recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Docks and Ferries of the position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Storekeeper	$1,800 00	1

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salary of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3510.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 269), the annexed resolution in favor of fixing grades of Musician and Leader (Music) for Evening Playgrounds in Department of Education, respectfully

REPORTS:

That, having examined the subject, it believes the proposed grades to be unnecessary. Dr. Haupt and Dr. Stett, representing the Board of Education, appeared before the Committee and stated that the Board of Education had not asked for these grades and did not want them.

The Committee, therefore, recommends that the said resolution be rejected.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment for the Evening Playgrounds in the Department of Education of grades of position, in addition to those heretofore established, as follows:

Title.	Rate Per Session.	Number of Incumbents.
Musician	$4 00	Unlimited
Leader (Music)	8 00	Unlimited

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the salaries of said positions as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

No. 3511.

The Committee on Salaries and Offices, to which was referred on May 9, 1911 (Minutes, page 269), the annexed resolution in favor of fixing compensation of Janitors, Department of Education, respectfully

REPORTS:

That, having examined the subject, it believes the proposed changes to be necessary.

It, therefore, recommends that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a meeting held May 4, 1911:

Whereas, By opinions of the Corporation Counsel, as of June 28, 1910, and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education is illegal, unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The matter of adjusting the compensation of Janitors and the fixation of their salaries under the provisions of section 56 of the Charter is now in the hands of a Special Committee of the Board of Estimate and Apportionment; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen that, pending the report of said Committee, the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

Position.	School.	Compensation.
Janitor	No. 28, Manhattan	$2,058 00 per annum
Janitor	No. 1, Brooklyn	1,548 00 per annum
Janitor	No. 19, (Annex) Brooklyn	732 00 per annum
Janitor	No. 5, (Old) Brooklyn	1,428 00 per annum
Janitor	No. 18, The Bronx	100 00 per month
Janitor	No. 75, Queens	60 00 per month
Janitor	No. 90, Brooklyn	80 00 per month
Janitor	No. 27, Queens	60 00 per month
Janitor	No. 97C and 98A, Manhattan	60 00 per month
Janitor	No. 19, (Annex) Brooklyn	50 00 per month
Janitor	No. 17, Manhattan	5,028 00 per annum
Janitor	No. 62, Brooklyn, additional compensation for care of Public School 61	60 00 per month
Janitor	No. 5, Brooklyn, additional compensation for temporary care of Public School 5 (Old)	65 00 per month

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution and fixes the compensation of said position as set forth therein.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

Nos. 3431, 3466 and 3481.

The Committee on Salaries and Offices, to which was referred on April 25 and May 2, 1911 (Minutes, pages 213, 248 and 250), the annexed resolutions in favor of appointing Alfred H. Redding, William L. Mullen and Charles Ferris, City Surveyors, respectfully

REPORTS:

That these applicants having filed the customary letters as to character and ability, it, therefore, recommends that the accompanying substitute resolution be adopted.

"ORIGINAL."

Resolved, That Alfred H. Redding, of 348 79th st., in the Borough of Brooklyn, be and he is hereby appointed a City Surveyor.

"ORIGINAL."

Resolved, That William L. Mullen, of 72 Harrison st., Stapleton, in the Borough of Richmond, be and he is hereby appointed a City Surveyor.

"ORIGINAL."

Resolved, That Charles Ferris, of 86 Kent ave., in the Borough of Brooklyn, be and he is hereby appointed a City Surveyor.

"SUBSTITUTE."

Resolved, That the following named persons be and they are hereby appointed City Surveyors: Alfred H. Redding, of 348 79th st., in the Borough of Brooklyn;

William L. Mullen, of 72 Harrison st., Stapleton, in the Borough of Richmond; Charles Ferries, of 86 Kent ave., in the Borough of Brooklyn.

WM. J. HEFFERNAN, FRANCIS P. BENT, WILLIAM DRESCHER, RALPH FOLKS, JOHN J. WHITE, SAMUEL MARX, JOSEPH SCHLOSS, Committee on Salaries and Offices

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Heffernan moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works, Steers; the Vice-Chairman—49.

Report of Committee on Streets, Highways and Sewers—

No. 3099.

The Committee on Streets, Highways and Sewers, to which was referred on March 21, 1911 (Minutes, page 1043), the annexed resolution in favor of authorizing the Society for the Prevention of Cruelty to Animals to erect and place public drinking fountains, respectfully

REPORTS:

That having examined the subject, it believes the proposed improvements to be advisable, and it, therefore, recommends that the said resolution be adopted.

Resolved, That permission be and the same is hereby given to The American Society for the Prevention of Cruelty to Animals to erect and place public drinking fountains for man and beast at the locations hereinafter mentioned, the said drinking fountains to be paid for by the said American Society for the Prevention of Cruelty to Animals, and to be of a pattern and design approved by the Art Commission of The City of New York. The said drinking fountains are to be erected under the supervision of the Commissioner of Water Supply, Gas and Electricity, and the water therefor shall be supplied by the Department of Water Supply, Gas and Electricity without expense to the said society.

The fountains shall be placed as follows: East side of West st., north of Gansevoort st., midway of the Gansevoort pumping station of the high pressure fire service; on the east side of Trinity place, opposite 74 Trinity place; on the north side of Stuyvesant st., 60 feet west of 2d ave.; on the east side of 7th ave., between 15th and 16th sts., opposite 70 7th ave.; on the east side of Woodlawn road, about 300 feet south of Jerome ave. entrance to Woodlawn Cemetery; at the intersection of Stuyvesant place and Richmond terrace, New Brighton, S. I.

JAMES H. FINNIGAN, JOSEPH E. CAMPBELL, JAMES J. NUGENT, LEONARD VAN NOSTRAND, SAMUEL MARX, Committee on Streets, Highways and Sewers.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Nugent moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Steers; The Vice-Chairman—49.

Reports of Committee on Finance—

Nos. 3456 and 3497.

The Committee on Finance, to which was referred on May 2, 1911 (Minutes, pages 226 and 258), the annexed request from the Department of Education for $675 special revenue bonds for grading and improving playground on school site at Nostrand ave. and Sandford st., Brooklyn, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvement to be necessary. Commissioner Greene appeared before the Committee and urged the passage of this bond issue. This will provide a playground which is much needed in this vicinity.

It, therefore, recommends that the accompanying resolution be adopted.

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of six hundred and seventy-five dollars ($675), the proceeds whereof to be used by the Department of Education for the purpose of grading and improving school site on Nostrand ave. and Sandford st., south of Willoughby ave., Brooklyn, for playground purposes.

FRANK L. DOWLING, WM. J. HEFFERNAN, JOHN DIEMER, BRYANT WILLIAMS, THOMAS J. McALEER, FRANCIS P. KENNEY, DANIEL EHNTHOLT, WM. P. KENNEALLY, CHARLES P. COLE, Committee on Finance.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Dowling moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Bolles, Boschen, Brady, Brush, Callaghan, Campbell, Carberry, Cole, Cornell, Curran, Davis, Delaney, Desmond, Diemer, Dotzler, Dowling, Downing, A. S. Drescher, Dujat, Ehntholt, Eichhorn, Esterbrook, Fagan, Fink, Finnigan, Folks, Gaynor, Grimm, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Ruff, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Miller, by Thomas W. Whittle, Commissioner of Public Works; Steers; The Vice-Chairman—61.

No. 3496.

The Committee on Finance, to which was referred on May 9, 1911 (Minutes, page 257), the annexed request from the District Attorney of Richmond County for $666.64 special revenue bonds to pay salary of Process Server, respectfully

REPORTS:

That, having examined the subject, it believes the proposed allowance to be necessary. This amount is to pay the salary of a man whose position was fixed in accordance with the provisions of section 56 of the Charter.

It, therefore, recommends that the accompanying resolution be adopted.

District Attorney's Office, Richmond County, Borough Hall, New Brighton, N. Y., May 3, 1911.

Hon. JOHN PURROY MITCHEL, President of the Board of Aldermen, 51 Chambers st., New York City, N. Y.:

Sir—On March 16, 1911, the Board of Estimate and Apportionment passed a resolution recommending the establishment of the position of Process Server in this office, with a salary at the rate of one thousand dollars per annum for one incumbent. This resolution was approved and concurred in by the Board of Aldermen on April 11, 1911.

The establishment of this position is made necessary by chapter 659, Laws of 1910, section 20, which provided that on and after January 1, 1911, it should be the duty of the District Attorney in the various counties comprised within The City of New York to cause to be served all subpoenas on behalf of the People for appearance before the Court of Special Sessions, and that thereafter said Court shall be relieved from the duty of serving the subpoenas.

I respectfully request that a resolution be presented to the Board of Aldermen authorizing the issue of special revenue bonds as provided by subdivision 8, of section 188, of the Charter, to the amount of six hundred and sixty-six dollars and sixty-four cents to defray the salary of this incumbent for the balance of the year, to wit: from May 1st to December 31st.

Thanking you in advance for your courteous attention to this matter, I am

Yours very respectfully,

ALBERT C. FACH. District Attorney, Richmond County, N. Y.

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of six hundred and sixty-six dollars and sixty-four cents ($666.64), the proceeds whereof to be used by the District Attorney of Richmond County for the purpose of paying salary of Process Server for remainder of year 1911.

FRANK L. DOWLING, WM. J. HEFFERNAN, JOHN DIEMER, BRYANT WILLARD, THOMAS J. McALEER, FRANCIS P. KENNEY, DANIEL EHNTHOLT, WM. KENNEALLY, CHARLES P. COLE, Committee on Finance.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Dowling moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Bolles, Boschen, Brady, Brush, Callaghan, Campbell, Carberry, Cole, Cornell, Curran, Davis, Delaney, Desmond, Diemer, Dotzler, Dowling, Downing, A. S. Drescher, Dujat, Ehntholt, Eichhorn, Esterbrook, Fagan, Fink, Finnigan, Folks, Gaynor, Grimm, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Ruff, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Miller, by Thomas W. Whittle, Commissioner of Public Works; Steers; The Vice-Chairman—61.

No. 3512.

The Committee on Finance, to which was referred on May 9, 1911 (Minutes, page 270), the annexed resolution in favor of an issue of $7,235.75 special revenue bonds for payment of six Foremen, Bureau of Highways, Borough of Queens, respectfully

REPORTS:

That, having examined the subject, it believes the proposed allowance to be necessary. The details of this application are fully set forth in the letter of application.

The Committee recommends that the said resolution be adopted.

The City of New York, Office of The President of the Borough of Queens, Long Island City, May 8, 1911.

Hon. JOHN PURROY MITCHEL, President of the Board of Aldermen:

Dear Sir—This Department, for the proper and efficient supervision of the laboring force of the Bureau of Highways, has found it necessary since consolidation and at the present time to assign Foremen, known as General Foremen, to the different Wards of this Borough. The men holding these positions, by virtue of length of service and experience, were entitled to and did receive, up to December 31, 1910, a higher salary than the ordinary Foreman, and our estimates made in the Budget for the year 1911 were on that basis and our requisitions were for the same salaries as the men were receiving at that time. The Committee of the Board of Estimate and Apportionment, the principal member of which was the Comptroller, in their final recommendations to the Board of Estimate and Apportionment, eliminated all positions of Foremen paid on a per annum basis, and substituted therefore the line, Foreman, at $4 per diem, notwithstanding the fact that a large number of our employes of that title received a larger salary, and some were paid on a per annum basis. The attention of the Comptroller was called to the fact that a great percentage of our Foremen were veteran firemen and by virtue thereof were entitled to certain legal privileges.

The claim was made that the positions had not been established in accordance with section 56 of the Charter of The City of New York. In connection therewith we beg to say that under date of December 17, 1909, in a communication addressed to Hon. George B. McClellan, Mayor, and Chairman of the Board of Estimate and Apportionment, this office did (in accordance with instructions contained in special notice to the heads of departments from the Department of Finance, dated June 18, 1909, issued, pursuant to an opinion from the Corporation Counsel dated June 14, 1909), apply for the establishment of all the positions in this office not heretofore established in accordance with section 56, for the reason that it was generally understood that the positions in the labor class were exempted from the provisions of this law. Among the positions applied for were the positions of Foremen, at $3, $5, $4.50 and $4 per diem; and $1,800, $1,500, $1,200 and $1,050 per annum. Our application took the usual course and in due time, on recommendation of the Comptroller, was referred back for modification.

The report did not contain any suggestions as to what modifications might be desired, we, consequently, let the subject lay in abeyance in as much as the positions we desired established were at that time in vogue and were being honored on the payrolls of this Department, we, therefore, could not consistently meet the request of the Board.

It is a well known fact that the Budget requisitions for all departments for moneys, with which to pay the laboring force, are based on the payrolls of the Department as of the particular month in which the papers are prepared, and that the fluctuations in force are so numerous and of such character to necessitate in most instances an application for revisions to the Board of Estimate and Apportionment at the first of the year, or immediately subsequent thereto.

On this subject we have received the following self explanatory communication, to wit:

"May 5, 1911.

"Hon. WALTER H. BUNN, Commissioner of Public Works:

"Dear Sir—Under date of March 13, 1911, a request was made upon you for a revision of the Budget allotment of this Bureau, entitled 'Bureau of Highways, Maintenance of Highways, Code 1829, Wages, Regular Employees,' as follows:

8 Foremen, at $4 (302 days)	$9,664 00
1 Watchman	900 00
1 Attendant	900 00
1 Bridge Tender (302 days)	755 00
1 Laborer, at $4	1,208 00
Transfer to General Administration	3,775 00
	$17,202 00
Unassigned	132 75
	$17,334 75

"Under date of March 23, 1911, the Board of Estimate and Apportionment adopted a resolution revising this fund as follows:

Foremen, 2 at $4 per diem (302 days)	$2,416 00
Watchman	900 00
Attendant	900 00
Bridge Tender	900 00
Laborer, 1 at $4 per diem (302 days)	1,208 00
Unassigned balance	7,235 75
	$13,559 75

"You will note by comparison of the two schedules that it was our intention to provide moneys to pay six foremen, in addition to the two provided for, it being understood that in providing for two incumbents the intent was to provide for two of these men, Messrs. Conroy and Allen, who had been paid at the rate of $1,800 and $1,500 per annum, respectively, up to December 31, 1910, the Department of Finance holding that these positions had not been established under section 56 of the Greater New York Charter. Five of these six men, who, by the way, are practically the oldest men in point of service in the Bureau, were designated as Ward Foremen in charge of districts,, and whose duties are similar to those of district Superintendents in the Department of Street Cleaning, and the sixth man was placed in charge of the Corporation Yard in Long Island City, where a force of mechanics is employed in repairing apparatus, tools, etc., and which is used as a distributing station for the whole Borough.

"When the application reached the Finance Department, however, exception was taken to the proposed revision, and the surplus in the fund was designated as an unassigned balance instead of being allotted to the line Foreman. The Department of Finance now holds that this unassigned balance reverts back to the Sinking Fund, and the proper procedure is to apply for an issue of revenue bonds to provide for the wages of these men. You, of course, being familiar with the routine of this Bureau, can readily understand the need for men to act in this capacity, in assigning

DAMAGED PAGE(S)

gangs on complaints and supervising the work in their respective districts, passing on the reports of the gang foremen, etc., and I know will agree with me that men in this capacity are absolutely necessary.

"In view of the action of the Department of Finance as above stated, and their statement that the unassigned balance of $7,235.75 will revert back to the Sinking Fund, you are requested to apply to the Board of Aldermen for an issue of revenue bonds in that sum to provide for the wages of these six Foremen. Respectfully submitted,

"(Signed) EMANUEL BRANDON, Superintendent of Highways."

In accordance therewith we are enclosing resolution for adoption.

Respectfully,

WALTER H. BUNN, Acting President of the Borough of Queens.

Resolved, That pursuant to subdivision 8, section 188, of the Charter of The City of New York, the Comptroller be and is hereby authorized to issue special revenue bonds to the amount of seventy-two hundred and thirty-five dollars and seventy-five cents ($7,235.75), in lieu of the unassigned balance of the same amount reverting to the General Fund, to wit: Code 1829, President of the Borough of Queens, Bureau of Highways, Maintenance of Highways, Regular Employees; the proceeds whereof to be expended to pay the salaries of six (6) Foremen assigned as General Foremen in the Bureau of Highways, and for which no other provision has been made for payment.

FRANK L. DOWLING, WM. J. HEFFERNAN, JOHN DIEMER, BRYANT WILLARD, THOMAS J. McALEER, DANIEL EHNTHOLT, WM. P. KENNEALLY, CHARLES P. COLE, Committee on Finance.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Dowling moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Brady, Brush, Campbell, Carberry, Cole, Cornell, Cunningham, Davis, Delaney, Desmond, Diemer, Dotzler, Dowling, A. S. Drescher, W. Drescher, Dujat, Ehntholt, Eichhorn, Esterbrook, Fagan, Fink, Finley, Finnigan, Folks, Gaynor, Godwin, Grimm, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Markert, Marx, Meagher, Mulhearn, Nicoll, Nugent, Reardon, Ruff, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, White, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Miller, by Thomas W. Whittle, Commissioner of Public Works; Steers, McAneny; The Vice-Chairman—64.

No. 3295.—(G. O. No. 115.)

The Committee on Finance, to which was referred on April 11, 1911 (Minutes, page 76), the annexed resolution in favor of an issue of $100,000 special revenue bonds for an inspection and clerical force to be used in checking waste of water in Manhattan and The Bronx, respectfully

REPORTS:

That, having examined the subject, it believes the proposed allowance to be necessary. The reasons for this request are set forth in the letter of application. The shortage of water has reached a most serious stage, and any method resulting in a saving should receive all official assistance possible.

It, therefore, recommends that the said resolution be adopted.

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park row, City of New York, April 4, 1911.

Hon. JOHN PURROY MITCHEL, President Board of Aldermen, City Hall, City:

Dear Sir—I wish to present herewith a very important and vital matter which affects all the residents of the Boroughs of Manhattan and The Bronx. The attention of the public has already been directed to the small amount of water on storage in the Croton and Westchester watersheds. At the present time there are reserved about 45,000 million gallons, which is equivalent to about 136 days' supply, at an average draught of 330 million gallons per day, this being, approximately, the present rate of consumption.

During the past month there was a very slight increase in the collection of water. The months of the year during which we should expect the heaviest rainfall and consequent run-off, are now passed, with the possible exception of the month of April. If the flow of the Croton River for the remainder of the year was to be equal to the average flow during, approximately, the past forty years, there would be ample water for the Boroughs of Manhattan and The Bronx during this year, and at no time would the amount in storage be less than 34,000 million gallons.

Fortunately, however, the City cannot depend upon having normal rainfall and does not, but with a supply which is dependent almost wholly on the storage of large quantities of water, we must always be safe for the driest year, or else take the chances of a complete exhaustion of the supply. The inconvenience to the people and the financial loss to the City, if an actual shortage of supply should occur, would be so great as to call forth just condemnation of those responsible for the collection, storage and distribution of water, if they had not taken all the precautions that seemed in any degree reasonable to prevent such shortage in the supply.

With the amount of water now in storage, and taking the minimum yield for any six months from 1868 to date, we find that in 1870, 1876, 1877, 1880, 1881, 1883, 1885, 1886, 1891, 1895, 1908, 1909 and 1910, the flow of the river has been such that the reservoirs would be absolutely emptied before the expiration of the six months' period, and there would be practically no supply available for this City. Taking the year which showed the least flow for a period of six months, i. e., 1880, when the flow was 7,311 million gallons, the water at present in storage, plus this flow, would last, at present rates of consumption, for a period of about 158 days. As it is reasonable to expect that the month of April will give a yield greater than the consumption during that month, the conditions are actually more favorable than would be indicated by figures based on the six dry months, with present storage. The condition is one, however, which certainly requires careful consideration, and I believe that every reasonable effort should be made to reduce the waste of water and safeguard the supply.

Very little can be accomplished in these two Boroughs by a reduction in pressure during the night. This is due to the fact that the upper floors of many of the large dwelling houses are dependent for a supply on the tanks, which are generally placed on the roofs of the building and which fill at night, when the pressure is stronger, and hold sufficient water for the needs of the tenants during the day. A house-to-house inspection to detect defective plumbing and unnecessary waste or use of water, and a survey of the flow of the mains to determine whether there are leaky joints or broken mains, are, in fact, the only methods available for reduction in water waste.

The house-to-house inspection is the one from which the quickest results can be obtained. There are about 150,000 buildings in the Boroughs of Manhattan and The Bronx. Assuming that each Inspector can, on an average, including the first inspection and a later re-inspection, cover about eight buildings per day, there would be inspected, with a corps of 200 Inspectors, 1,600 buildings per day; and in one month, 40,000 buildings, on the basis of a twenty-five working-day month. With this inspection force it would be possible to have visited and made an inspection of every building in four months' time. The saving in the water which would otherwise have been lost through leaking or defective fixtures, would equal about ten per cent. of the consumption, or about 30-million gallons per day.

As it is possible that the safe supply from the Croton system may not be over 275 million gallons per day under the worst conditions which have been experienced since 1868, it will be seen that even with a house-to-house inspection it may be possible that a still further reduction in the consumption by other means, such as reducing the pressure, might be required.

The amount of money required for salaries to pay the corps of Inspectors above outlined would be $100,000. This sum, while apparently large, is but slightly over one per cent. of the amount of revenue derived from the sale of water in these two Boroughs. Practically the entire staff of Inspectors now employed in these Boroughs is engaged in a house-to-house canvass. It would be very unwise, in my opinion, to entrust this very important work to the present small force, and there should be no delay in putting in the field 200 additional Inspectors.

This is the most serions proposition which I have been obliged to present to the honorable Board, and one which I feel will be recognized as being of such importance as to receive their immediate consideration.

I am attaching a form of resolution, which I would respectfully request you to submit to the Board of Aldermen for their adoption.

Yours truly, HENRY S. THOMPSON, Commissioner.

ORIGINAL.

Resolved, That, in pursuance of the provisions of subdivision 8, of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be, and it is hereby requested to authorize the Comptroller to issue special revenue bonds in the sum of one hundred thousand dollars ($100,000), the proceeds whereof to be used by the Department of Water Supply, Gas and Electricity for the purpose of providing means for the payment of an inspection force to be assigned to the duty of making a house-to-house inspection for the prevention of waste and unnecessary use of water.

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, April 17, 1911.

Hon. JOHN PURROY MITCHEL, President, Board of Aldermen:

Dear Sir—Supplementary to my letter of April 4, I wish to add that the large number of reports which will be filed by the Inspectors in their house to house canvass will make it necessary that a sufficient clerical staff be employed to issue the notices of violations on the properties where leaks are reported. I therefore wish to modify my previous letter to the extent of providing for 175 Inspectors and 25 Clerks.

I am enclosing a form of resolution which I would request be submitted to the honorable Board of Aldermen for adoption, as a substitute for the one transmitted with my previous letter. Yours truly,

HENRY S. THOMPSON, Commissioner.

"SUBSTITUTE."

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds in the sum of one hundred thousand dollars ($100,000), the proceeds whereof to be applied by the Department of Water Supply, Gas and Electricity for the purpose of providing means for the payment of an inspection force to be assigned to the duty of making house to house inspections for the prevention of waste and unnecessary use of water, and the necessary clerical help to compile reports and records for the inspection force.

FRANK L. DOWLING, WM. J. HEFFERNAN, FRANCIS P. KENNEY, THOMAS J. McALEER, DANIEL EHNTHOLT, WM. P. KENNEALLY, CHARLES P. COLE, Committee on Finance.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Dowling moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the negative by the following vote, three-fourths of all the members failing to vote in favor thereof:

Affirmative—Aldermen Baldwin, Barton, Brady, Campbell, Carberry, Cole, Cornell, Cunningham, Delaney, Desmond, Dotzler, Dowling, A. S. Drescher, W. Drescher, Dujat, Ehntholt, Fagan, Fink, Finnigan, Godwin, Hannon, Heffernan, Hickey, Hoertz, Kenneally, Kenney, Levine, Loos, McAleer, McCann, Markert, Marx, Meagher, Nugent, Reardon, Ruff, Sheridan, Smith, Snell, Stapleton, Towen, Van Nostrand, Wendel, White; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Miller, by Thomas W. Whittle, Commissioner of Public Works; McAneny; the Vice-Chairman—49.

On motion of Alderman Dowling, the above vote was reconsidered and the paper was placed on the list of General Orders.

Reports of Committee on Public Letting—

No. 2786.

The Committee on Public Letting, to which was referred on February 7, 1911 (Minutes, page 711), the annexed resolution in favor of authorizing the President, Borough of Brooklyn, to enter into supplemental sewer contract on Neptune ave., respectfully

REPORTS:

That President Steers has informed the Committee that this work has been advertised, and that consequently he requested that this resolution be placed on file.

The Committee recommends that the said resolution and report be placed on file.

The City of New York, Office of the President of the Borough of Brooklyn, February 6, 1911.

The Honorable, The Board of Aldermen:

Gentlemen—On January 8, 1910, a contract was entered into by this Department with Newman & Carey for the construction of a sewer in Neptune ave., from West 33d st. to the Pump Well at Caisson 2, etc. After the construction work commenced on this sewer and a portion of the sewer had been built, it was discovered that, owing to the nature of the sand underneath, the sewer sunk slightly, and it was therefore deemed advisable to stop work on the contract until some means could be devised for building the sewer in a manner that would make the same safe and permanent.

Owing to the location and nature of the work the only practical way of building this sewer is to place a pile and grillage foundation underneath. It was thought best to enter into a modified contract with the present contractors so as not to interfere with the original contract as above mentioned, and I would respectfully request your honorable Board to adopt a resolution authorizing the President of the Borough of Brooklyn to enter into a contract, without public letting, with Newman & Carey, at a cost not exceeding $30,000, for the purpose of installing a pile and grillage foundation under the sewer and its appurtenances. I attach herewith copy of resolution and would respectfully request the adoption of the same.

Yours very truly, L. H. POUNDS, Acting Borough President.

Resolved, That the President of the Borough of Brooklyn be and he is hereby authorized to enter into contract without public letting with the Newman & Carey Company, the total cost not to exceed thirty thousand dollars ($30,000), for the purpose of installing a pile and grillage foundation under the sewer and its appurtenances, under the pump well and its appurtenances, and also for the purpose of rebuilding that portion of the sewer and its appurtenances which is already built, said structure being included in a contract entered into between The City of New York and the Newman & Carey Company on January 8, 1910, entitled, "Sewer in Neptune ave., from West 33d st. to the Pump Well at Caisson No. 2, etc."

October 11, 1910.

Hon. WM. J. TAYLOR, Superintendent of Sewers:

Dear Sir—Under a contract for an assessable improvement entered into by The City of New York and the Newman & Carey Company on January 8, 1910, entitled, "Sewer in Neptune ave. from West 33d st. to the Pump Well at Caisson No. 2, etc.," certain conditions have arisen, which, in my opinion, justify a modification of the present contract and also the execution of a new contract, the latter involving more than $1,000, and in accordance with section 419 of the Greater New York Charter the approval by a three-quarters vote of the Board of Aldermen is required as a preliminary before such new contract can be drawn up, approved by the Corporation Counsel and executed. To this end the following explanation is pertinent.

The work in this contract is in that part of the Borough known
The problem of designing a sewerage system for Coney Island was
of solution, from the fact that the maximum elevation of the stre
is only 6.00 as referred to the sewer datum, and to obtain cleansi
it is obvious that starting at the upper end of the system with
sewer of four feet, and applying the smallest allowable gr
pass below tide level until the point of maximum depth is r
unless intermediate lifts are installed when we have two or r
depth, as in the case now in hand.

The Neptune ave. contract includes the installation of
bearing, freely running sand, with maximum invert depth
tide level. Pipe sewers laid at this depth below tide
when situated in such close proximity to tide water
responds immediately to the rise and fall of the ti

When these plans were drawn it was th
be effected if a pile foundation could be avo
of vitrified pipe, encased in concrete, support
resting on sand, underneath which is laid
water in the trench during actual construct
of an inch thick was allowed and used, so
settlements when drawn. This method ha
under conditions varying only in depth, di

DAMAGED PAGE(S)

encountered (this being a quick sand), and it at first appeared to work successfully under this contract, but from tests recently made under my direction I am convinced that in a quick sand and at such great depth it is next to impossible to place the sub-drain and afterwards abandon it without destroying the foundation of the sewer, and it is also impossible to install the sewer without a sub-drain, and this, therefore, happens to be a case beyond the range of previous experience.

The trouble seems to be that even when the metal sheeting is driven down six feet below sub-grade, the pressure is so great from without, and the sand so fine, that considerable motion upward takes place in the water and sand below the sub-drain resulting in drawing off considerable of the sand through the sub-drain. An irregular settlement takes place sufficient to cause the loss of the small amount of grade which the sewer was designed to have.

The work has been constructed in sections of such length as has been found practicable, and it is found that where one section has been completed to the reguired grade and back filled, settlement takes place slowly in this section, and further settlement continues as soon as the trench of the adjacent section has reached bottom, the sub-drain installed and pumping through the sub-drain begins. It therefore appears that a solid foundation such as can only be obtained by piles and grillage should be installed under the sewer, the pumping station and their appurtenances to retain the small grade at which these sewers must of necessity be designed to operate efficiently. This will involve the installation of piles and pile capping (the foundation planking remaining the same), excavation for cutting off piles and placing capping entailing an increased cost of $12,000.

About six hundred and eighty-five (685) feet of sewer has already been completed, but the irregular settlement of the same seems to warrant reconstruction at a cost of, approximately, $8,500. As an offset to this in the readjustment of the foundation, a modification of the contract will be prepared, if the above work be authorized, that will also provide for the omission of the upper half of the concrete casing of the sewer, except as required for house connections or at manholes, and a saving thereby effected in this item alone of $5,000.

It may be pointed out that the method of construction now proposed might have been carried out in the first place at greater cost than under the original contract, but it seemed justifiable to benefit by the economy which the later results do not seem to bear out.

This work should be done by the Newman & Carey Co., and by them only, in order not to interfere with their original contract, but before bringing the matter before the Board of Aldermen, advice should be requested from the Corporation Counsel in the following matters involved.

1. The contract being an assessable improvement, to make a separate contract without competition with the Newman & Carey Co. for the piles, pile capping and excavation to strengthen the foundation, the amount involved being $12,000, a three-quarters vote of the Board of Aldermen is necessary. Is this the correct procedure?

2. Assuming that the 685 feet of sewer already laid has been completed, in accordance with the plans and specifications, but that settlement still takes place, due not to unforseen difficulties or obstacles, but to a water bearing quick sand not contemplated by the plans and specifications, can we order the contractor, under paragraph "J," or any other clause of the contract, to replace this work, involving an expense of, approximately, $8,500?

If we cannot order the contractors to replace this work, and the work of reconstruction being necessary, can this also be included in the authorization of the Board of Aldermen and made a part of the new contract to be made with the said Newman & Carey Co. for strengthening the foundation?

3. The modification of contract to be made to cover the omission of the upper section of the concrete casing, to which the contractors are willing to agree, involving a decrease in the contract of $5,000 should be an entirely different matter than those covered by questions 1 and 2, and should be made under authority of paragraph "Y" of the contract. Is this the correct method of procedure?

The increased cost of the foundation and the reconstruction of the sewer already completed, less the saving effected by the omission of the concrete casing, will leave a net increase in the cost of the work of $15,500, or about 15½ per cent. of the contract price. The expense is well warranted under the circumstances, for to maintain cleansing grades means less expense for maintenance, which is chargeable against Budget allowances for all years to come.

To accompany this communication I hand you an unofficial copy of the contract and specifications, also a set of blueprints of the plans to be forwarded to the Corporation Counsel for consideration in connection with the above question. Kindly request that the matter be handled with expedition, as the work on the contract will probably cease pending the receipt of the opinions requested.

Yours respectfully, (Signed) E. J. FORT, Chief Engineer of Sewers.

Brooklyn, November 9, 1910.

Mr. WILLIAM J. TAYLOR, Superintendent, Bureau of Sewers:

Dear Sir—Replying to your recent communication, enclosing reports of your Chief Engineer, requesting an opinion from the Corporation Counsel relative to the contract for construction of sewer in Neptune ave., from W. 23d st. to the pump well at Caisson 2, I send you herewith copy of opinion received from the Corporation Counsel relative thereto. Yours very truly,

(Signed) JAMES M. POWER, Secretary.

November 3, 1910.

Hon. LEWIS H. POUNDS, Commissioner of Public Works, Borough of Brooklyn:

Dear Sir—I am in receipt of your letter of October 13, 1910, transmitting copy of report made by Mr. E. J. Fort, Chief Engineer of the Bureau of Sewers, requesting advice as to the method of procedure and modification of a contract with Newman & Carey, for construction of a sewer on Neptune ave., from W. 33d st. to the pump well at Caisson 2, etc. Your letter is accompanied with a copy of the contract and blueprint plans for my consideration.

Mr. Fort, after reviewing the facts, submits three questions in his communication, which are as follows:

"1. The contract being an assessable improvement, to make a separate contract without competition with the Newman & Carey Company, for the piles, pile capping and excavation to strengthen the foundation, the amount involved being $12,000, a three-quarters vote of the Board of Aldermen is necessary. Is this a correct procedure?

"2. Assuming that the 685 feet of sewer already laid has been completed, in accordance with the plans and specifications, but that settlement still takes place, due not to unforseen difficulties or obstacles, but to a water-bearing quicksand not contemplated by the plans and specifications, can we order the contractors, under paragraph 'J,' or any other clause of the contract, to replace this work, involving an expense of, approximately, $8,500? If we cannot order the contractors to replace this work, and the work of reconstruction being necessary, can this also be included in the authorization of the Board of Aldermen and made a part of the new contract to be made with the said Newman & Carey Company for strengthening the foundation?

"3. The modification of contract to be made to cover the omission of the upper section of the concrete casing, to which the contractors are willing to agree, involving a decrease in the contract of $5,000, should be an entirely different matter than those covered by questions 1 and 2, and should be made under authority of paragraph 'Y' of the contract. Is this the correct method of procedure?"

As to the third question first, it is clear that under section "Y" of the contract the Board may consent to a modification of the contract, inasmuch as the modification does not alter the substance of the contract or increase the cost; on the contrary, it results in a decrease thereof of $5,000. This modification is pursuant to clause "Y" of the contract.

As to the first question propounded, I am of the opinion that paragraph "J" of the contract provides as follows:

"It must be held to apply to the work to be done and the unforseen obstructions or difficulties which may be encountered under the agreement."

I do not think that the City can hold the contractor responsible for carefully carrying out a plan of the work which is found to be inadequate for the unforseen conditions of the soil which were found to exist. It was the City's duty to adopt a plan to meet the requirements which, upon a careful inspection and survey, could have been found to exist.

The contractor having done the work properly in accordance with the one plan cannot be asked to do it again in accordance with a substitute plan, where the original plan was adopted without his fault.

This work of replacing and the work of reconstruction to that end may be done by authorization of the Board of Aldermen.

As to the first question propounded, I advise that application be made to the Board of Aldermen for permission to enter into a separate contract with the Newman & Carey Company for the piles, pile capping and excavation to strengthen the foundation, and that there be included therein the expense of replacing and reconstructing the work already laid. Authority for this permission will be found in a resolution of the Board of Aldermen, and the cost of such new work is properly chargeable as part of the assessment therefor.

I return the map and papers submitted with your communication.

Yours truly, (Signed) G. L. STERLING, Acting Corporation Counsel.

FRANCIS P. BENT, PERCY L. DAVIS, JOHN McCANN, MAX S. LEVINE, JAMES J. SMITH, A. S. DRESCHER, THOMAS F. BARTON, Committee on Public Letting.

Which report was accepted.

No. 3378.—(G. O. No. 116.)

The Committee on Public Letting, to which was referred on April 18, 1911 (Minutes, page 168), a request from the Commissioner of Records of Kings County for permission to purchase steel map and filing cases without public letting, at a cost not to exceed $1,500, respectfully

REPORTS:

That, having examined the subject, it believes the proposed permission to be necessary. This work can be done at less cost to the City without advertisement than if specifications were prepared and sealed bids solicited. It, therefore, recommends that the said resolution be adopted.

Resolved, That, pursuant to the provisions of section 419 of the Charter of The City of New York, the Board of Aldermen, deeming it for the public interest, hereby authorizes and empowers the Commissioner of Records of the County of Kings to purchase in open market, instead of by contract at public letting, for the storage, care and preservation of maps and records, five steel map and filing cases, to be installed in his office, and to make such necessary alterations in old steel cases now in said office as may be required, at a cost not to exceed the sum of one thousand five hundred dollars ($1,500).

The purchase, installation and alteration of said cases are to be made with the approval and under the supervision of the President of the Borough of Brooklyn.

JAMES J. SMITH, JOHN J. REARDON, JOHN DIEMER, JOHN McCANN, FRANCIS P. BENT, MAX S. LEVINE, Committee on Public Letting.

Under Rule 21, consideration of this report was deferred. Subsequently the Vice-Chairman moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the negative by the following vote, three-fourths of all the members failing to vote in favor thereof:

Affirmative—Aldermen Becker, Bolles, Brush, Callaghan, Davis, Diemer, Downing, Esterbrook, Fagan, Finley, Gaynor, Godwin, Hamilton, Herbst, Hickey, Markert, Nicoll, Schloss, Shipley, Van Nostrand, Weston, Willard; Presidents Gresser, Miller, McAneny—25.

Negative—Alderman Morrison—1.

On motion of Alderman Esterbrook the above vote was reconsidered, and the paper was placed on the list of General Orders.

No. 3417.

The Committee on Public Letting, to which was referred on April 25, 1911 (Minutes, page 194), the annexed requests from the Chief Justice of the Court of Special Sessions for permission to purchase furniture, supplies, etc., without public letting, respectfully

REPORTS:

That, having examined the subject, it believes the proposed permission necessary. It is important that this work be done at as early a time as possible, that the operations of the court may not be interfered with, and the Committee, therefore, recommends that the accompanying resolution be adopted.

Court of Special Sessions of The City of New York, April 24, 1911.

To the Honorable, Board of Aldermen of The City of New York:

Dear Sirs—Request is hereby made, pursuant to the provisions of section 419 of the Greater New York Charter, that the Board of Justices of the Court of Special Sessions of The City of New York be authorized and empowered to enter into a contract, without public letting, for furniture, supplies, etc., for the new part of the Court of Special Sessions and for the Justices' and Clerk's offices to be installed on the ground floor of the Criminal Courts Building, Borough of Manhattan (quarters formerly occupied by the Coroners), for a sum not to exceed five thousand dollars ($5,000). Respectfully,

ISAAC FRANKLIN RUSSELL, Chief Justice.

Court of Special Sessions of The City of New York, May 15, 1911.

To the Honorable Board of Aldermen of The City of New York, New York, N. Y.:

Dear Sirs—On April 24, 1911, your Board was requested to empower the Court of Special Sessions to enter into a contract without public letting for furniture, etc., for the new part of this Court, in the sum of five thousand dollars. It has been found necessary to amend this so that it shall read sixty-six hundred dollars ($6,600), for the reason that the five estimates received for this equipment show that the lowest amount for which such work can be done is sixty-six hundred dollars.

Respectfully, F. W. SMITH, Chief Clerk.

Resolved, That in pursuance of the provisions of section 419 of the Greater New York Charter, the Chief Justice of the Court of Special Sessions of The City of New York be and he is hereby authorized and empowered to enter into a contract without public letting, for furniture and supplies for the new part of said court and for the Justices' and Clerk's offices to be installed on the ground floor of the new Criminal Courts Building, in the Borough of Manhattan (quarters formerly occupied by the Coroners), at a cost not to exceed the sum of six thousand six hundred dollars, ($6,600).

FRANCIS P. BENT, JOHN McCANN, JOHN DIEMER, JOHN J. REARDON, JAMES J. SMITH, MAX S. LEVINE, Committee on Public Letting.

Under Rule 21, consideration of this report was deferred. Subsequently the Vice-Chairman moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Bolles, Boschen, Brady, Brush, Callaghan, Campbell, Carberry, Cole, Cornell, Curran, Davis, Delaney, Desmond, Diemer, Dotzler, Dowling, Downing, A. S. Drescher, Dujat, Ehntholt, Eichhorn, Esterbrook, Fagan, Fink, Finnigan, Folks, Gaynor, Grimm, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Ruff, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Miller, by Thomas W. Whittle, Commissioner of Public Works; Steers; The Vice-Chairman—61.

Reports of Committee on Laws and Legislation—

No. 2798.

The Committee on Laws and Legislation, to which was recommitted on May 9, 1911 (Minutes, page 282), the annexed ordinance in favor of providing lavatories on elevated railroad stations in Brooklyn, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvement to be necessary, but believes that the provisions of the ordinance should cover all such

ayor, 160 N. Y., 516-523, that

DAMAGED PAGE(S)

public facilities in the City. They, therefore, recommend that the accompanying substitute ordinance be adopted.

SUBSTITUTE.

AN ORDINANCE to provide lavatories on elevated railroad stations in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York.

Section 1. That all elevated railroad companies or other companies operating elevated railroads in The City of New York, shall, within six months from the date of the passage of this ordinance, provide lavatories for the use of passengers of both sexes on all the elevated railroad stations, and properly keep and maintain the same, and that for a violation of this ordinance each elevated railroad or other company operating such railroads shall be liable to a penalty of not less than fifty dollars ($50) for each day of such violation, and the action to recover such penalty shall be brought in the name of The City of New York.

MAX S. LEVINE, JAS. E. CAMPBELL, JOHN McCANN, CHARLES DELANEY, JOHN J. REARDON, SAMUEL MARX, ROBERT F. DOWNING, JAMES H. FINNEGAN, Committee on Laws and Legislation.

The Committee on Laws and Legislation, to which was referred on February 7, 1911 (Minutes, page 853), the annexed ordinance to provide lavatories on elevated railroad stations in the Borough of Brooklyn, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvement to be necessary to the comfort of the users of these railroads, and, therefore, recommends that the said ordinance be adopted.

ORIGINAL.

AN ORDINANCE to provide lavatories on elevated railroad stations in the Borough of Brooklyn, in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York.

Section 1. That all elevated railroad companies or other companies operating elevated railroads in the Borough of Brooklyn, in The City of New York, shall, within six months from the date of the passage of this ordinance, provide lavatories for the use of passengers of both sexes on all the elevated railroad stations and properly keep and maintain the same, and that for a violation of this ordinance each elevated railroad or other company operating such railroads shall be liable to a penalty of not less than fifty dollars ($50) for each day of such violation, and the action to recover such penalty shall be brought in the name of The City of New York.

MAX S. LEVINE, JOHN J. REARDON, CHARLES DELANEY, JAS. E. CAMPBELL, ROBERT F. DOWNING, JOHN McCANN, Committee on Laws and Legislation.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Levine moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Steers; the Vice-Chairman—49.

No. 2799.

The Committee on Laws and Legislation, to which was recommitted on May 9, 1911 (Minutes, page 282), the annexed ordinance in favor of providing proper receptacles for expectorations on elevated railroad stations in Brooklyn, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvement to be necessary, but also believes that the provisions of this ordinance should be extended to cover similar public facilities throughout the City. It, therefore, recommends that the accompanying substitute ordinance be adopted.

SUBSTITUTE.

AN ORDINANCE to provide proper receptacles for expectorations on elevated railroad stations in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York.

Section 1.—That all elevated railroad companies or other companies operating elevated railroads in The City of New York, shall, within two months from the date of the passage of this ordinance, provide proper receptacles for expectorations on all the elevated railroad stations and properly keep and maintain same, and that for a violation of this ordinance each elevated railroad company or other company operating such railroads shall be liable to a penalty of not less than ten dollars ($10) for each day of such violation, and the action to recover such penalty shall be brought in the name of The City of New York.

MAX S. LEVINE, JAS. E. CAMPBELL, JOHN McCANN, CHARLES DELANEY, JOHN J. REARDON, SAMUEL MARX, ROBERT F. DOWNING, JAMES H. FINNIGAN, Committee on Laws and Legislation.

The Committee on Laws and Legislation, to which was referred on February 7, 1911 (Minutes, page 853), the annexed ordinance to provide receptacles for expectorations on elevated railroad stations in the Borough of Brooklyn, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvement to be necessary, and it, therefore, recommends that the said ordinance be adopted.

ORIGINAL.

AN ORDINANCE to provide proper receptacles for expectorations on elevated railroad stations in the Borough of Brooklyn, in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York.

Section 1. That all elevated railroad companies or other companies operating elevated railroads in the Borough of Brooklyn, in The City of New York, shall, within two months from the date of the passage of this ordinance, provide proper receptacles for expectorations on all the elevated railroad stations and properly keep and maintain same, and that for a violation of this ordinance each elevated railroad company or other company operating such railroads shall be liable to a penalty of not less than ten dollars ($10) for each day of such violation, and the action to recover such penalty shall be brought in the name of The City of New York.

MAX S. LEVINE, JOHN J. REARDON, CHARLES DELANEY, JAS. E. CAMPBELL, ROBERT F. DOWNING, JOHN McCANN, Committee on Laws and Legislation.

Under Rule 21, consideration of this report was deferred. Subsequently Alderman Levine moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brady, Brush, Campbell, Carberry, Cornell, Davis, Delaney, Desmond, Dowling, A. S. Drescher, Dujat, Ehntholt, Esterbrook, Fagan, Fink, Folks, Gaynor, Hamilton, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, Loos, McAleer, McCann, Marx, Nicoll, Nugent, Reardon, Schloss, Sheridan, Shipley, Smith, Snell, Volkmann, Van Nostrand, Wendel, Weston, Willard; Presidents Cromwell, Gresser, by Walter H. Bunn, Commissioner of Public Works; Steers; the Vice-Chairman—49.

At this point the Vice-Chairman took the chair.

GENERAL ORDERS.

Alderman Carberry called up General Order 75, being a report and resolution, as follows:

No. 1524.

The Committee on Finance, to which was referred on June 14, 1910 (Minutes, page 1181), the annexed request from the Board of Education for an issue of $30,552.01 special revenue bonds, to meet deficit, respectfully

REPORTS:

That Commissioner Greene appeared before the Committee and stated that at the suggestion of the Corporation Counsel judgments amounting to $61,595.13 obtained by high school teachers were paid from the General School Fund. It now appears that this will leave a deficit at the end of this year of the amount of this request. The result of this litigation could not be foreseen, and consequently could not be a Budget allowance. The Committee recommends that the accompanying resolution be adopted.

Board of Education, Park Ave. and 59th St., New York, June 9, 1910.

Hon. JOHN PURROY MITCHEL, President, Board of Aldermen:

Dear Sir—I have the honor to transmit herewith a certified copy of a report and resolutions adopted by the Board of Education at a meeting held on the 8th inst., relative to the issue of special revenue bonds to the amount of $30,552.01.

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

To the Board of Education:

The Committee on Finance respectfully reports that it is in receipt of judgments to the amount of sixty-one thousand five hundred and ninety-five and 13/100 dollars ($61,595.13), which have been obtained against the Board of Education as the result of adjudication of a number of claims of high school teachers in the Borough of Brooklyn and elementary teachers in the Borough of Queens.

These judgments cover arrearages of salary for a period extending from 1909 to the present time, and in some instances the General School Fund balances of appropriations for such years are insufficient for the purpose of liquidating that portion of the judgments which may be properly applicable thereto.

It therefore becomes necessary to request the Board of Estimate and Apportionment to approve the following transfer of funds (already under the jurisdiction of the Board of Education) to the General School Fund, and to ask the Board of Aldermen to request the Board of Estimate and Apportionment to authorize the issue of special revenue bonds for the purpose of liquidating the deficit or balance of these judgments, for which no funds under the jurisdiction of the Board of Education are available.

The following resolutions are submitted for adoption:

Resolved, That the Board of Estimate and Apportionment be, and it is hereby respectfully requested to transfer the sum of two thousand two hundred and eight and 02-100 dollars ($2,208.02) from the Special School Fund for the year 1906 and from the item contained therein entitled "Supplies, No. 189, Borough of Queens," which item is in excess of its requirements, to the General School Fund for the year 1906, No. 205, which fund is insufficient for its purposes; and be it further

Resolved, That the Board of Aldermen be, and it is hereby respectfully requested, to adopt a resolution requesting the Board of Estimate and Apportionment to authorize the issue of special revenue bonds to the amount of thirty thousand five hundred and fifty-two and 01-100 dollars ($30,552.01), pursuant to the provisions of subdivision 8 of section 188 of the Revised Charter, for the purpose of liquidating the deficit or balance of judgments which have been obtained against the Board of Education as the result of adjudication of a number of claims of high school teachers in the Borough of Brooklyn and elementary teachers in the Borough of Queens; and that the Board of Estimate and Apportionment be, and it is hereby respectfully requested to authorize such issue upon the request of the Board of Aldermen. A. E. PALMER, Secretary, Board of Education.

A true copy of report and resolutions adopted by the Board of Education June 8, 1910.

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of thirty thousand five hundred and fifty-two and 01-100 dollars, the proceeds whereof to be used by the Board of Education for the purpose of covering deficiency in the General School Fund.

FRANK L. DOWLING, WILLIAM J. HEFFERNAN, DANIEL EHNTHOLT, THOS. J. McALEER, JOHN F. WALSH, WM. P. KENNEALLY, FRANCIS P. KENNEY, Committee on Finance.

The Vice-Chairman put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the negative by the following vote, three-fourths of all the members failing to vote in favor thereof:

Affirmative—Aldermen Baldwin, Barton, Brady, Campbell, Carberry, Cornell, Cunningham, Davis, Delaney, Desmond, Dowling, A. S. Drescher, W. Drescher, Fagan, Fink, Finley, Hannon, Heffernan, Hickey, Hoertz, Kenney, Levine, McCann, Morrison, Ruff, Smith, Snell, Van Nostrand, Wendel; Presidents Gresser, by Walter H. Bunn, Commissioner of Public Works; McAneny; the Vice-Chairman—32.

Alderman Carberry called up General Order 82, being a report and resolution, as follows:

No. 2378.

The Committee on Finance, to which was referred on December 6, 1910 (Minutes, page 786), the annexed request from the Park Commissioner of The Bronx for $2,000 for purchase of an automobile, respectfully

REPORTS:

That, having examined the subject, it believes the proposed issue to be necessary. The Board of Aldermen passed an appropriation for this purpose for $3,500, and his Honor the Mayor vetoed it, stating that $2,000 was sufficient for a machine for departmental use.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two thousand dollars, the proceeds whereof to be used by the Park Commissioner, Borough of The Bronx, for the purpose of providing means for the purchase of an automobile.

FRANK L. DOWLING, JOHN DIEMER, FRANCIS P. KENNEY, JOHN F. WALSH, THOMAS J. McALEER, TRISTAM B. JOHNSON, Committee on Finance.

The Vice-Chairman put the question whether the Board would agree to accept such report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Bolles, Boschen, Brady, Brush, Callaghan, Campbell, Carberry, Cole, Cornell, Cunningham, Curran, Davis, Delaney, Desmond, Diemer, Dotzler, Dowling, A. S. Drescher, W. Drescher, Dujat, Ehntholt, Fagan, Fink, Finnigan, Gaynor, Godwin, Hamilton, Hannon, Heffernan, Herbst, Hickey, Hoertz, Kenneally, Kenney, Levine, Loos, McAleer, McCann, Markert, Mulhearn, Nugent, Potter, Reardon, Ruff, Schloss, Sheridan, Shipley, Smith, Snell, Stapleton, Towen, Van Nostrand, Wendel, White; Presidents Gresser, by Walter H. Bunn, Commissioner of Public Works; Miller, by Thomas W. Whittle, Commissioner of Public Works; Steers, McAneny; the Vice-Chairman—61.

Negative—Aldermen Downing, Finley and Morrison—3.

MOTIONS, ORDINANCES AND RESOLUTIONS.

No. 3552.

By Alderman Kenneally—

AN ORDINANCE adopting the Building Code of The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York, as follows:

CHAPTER I.

THE BUILDING CODE OF THE CITY OF NEW YORK.

SECTION 1.

Title of Code.

The Building Code—The following provisions shall constitute the Building Code of The City of New York, and shall presumptively provide for all matters which affect and relate to the construction, alteration or removal of buildings or structures erected or to be erected in said City, and may be cited as the Building Code.

SECTION 2.

Remedial Code.

This code is hereby declared to be remedial.

SECTION 3.

Construction.

In construing this Code, except where a contrary intent is expressly declared i the provisions to be construed, or plainly apparent from the context thereof, tl Statutory Construction Law, Laws of 1892, chapter 677, entitled "An Act relati to the construction of statutes, constituting chapter one of the general laws," t Real Property Law, Laws of 1896, chapter 547, entitled "An Act relating to r property constituting chapter forty-six of the general laws," and chapter twenty-f

DAMAGED PAGE(S)

of the Code of Civil Procedure, and acts supplemental thereto and amendatory thereof, apply to the provisions of this code.

SECTION 4.

Definitions.

(1) Words used in this code in the present tense include the future as well as the present; words in the masculine gender include the feminine and neuter; the singular number includes the plural and the plural the singular; the word "person" includes a corporation as well as a natural person; "writing" includes printing, printed, or typewritten matter; "oath" includes affirmation or declaration; "signature" or "subscription" includes "mark," when the person cannot write, his name being written near it.

The following terms used in this code have the significance attached to them in this section, unless otherwise apparent from the context:

(2) The word "attorney" signifies an attorney of the Supreme Court of this State, duly licensed to practice as such.

(3) The term "corporation" includes every association having any corporate rights whether created by special acts of the Legislature or under general laws.

(4) The terms "oath," "affidavit," "petition" and "application" include every mode authorized by law of attesting the truth of that which is stated.

(5) The term "swear" includes every mode authorized by law for administering an oath.

(6) The term "file" includes to properly endorse, keep on file and index.

(7) The terms "Superintendent of Buildings" and "Bureau of Buildings" shall be construed to mean the Superintendent of Buildings or the Bureau of Buildings of the Borough where the property is situated.

(8) The term "owner" includes his duly authorized agent or attorney, a purchaser, devisee, and a person entitled to an interest in property.

(9) The term "violation" includes a failure to comply with, a departure from, the doing or assisting in an act against, or omitting to perform an act under the provisions of this code, or notice, rule, regulation or direction thereunder.

(10) The term "occupied" as used in this code, as applied to any building, shall be construed as though followed by the words: "or intended, arranged or designed to be occupied."

(11) The term "approved" as used in this code, as applied to any material, manner or mode of construction, shall be construed as though followed by the words: "by the Superintendent of Buildings."

(12) The term "standard" as used in this code shall be construed to mean standards as approved by the Superintendent of Buildings.

(13) The terms "building," "structure" and "appurtenance" include City, public or private buildings, structures and appurtenances, parts or portions thereof, or one in connection therewith on, above or below a public highway; excludes all others on, above or below a public highway, and fixtures, except as otherwise provided in this code.

(14) The term "building" includes the terms "structure" and "appurtenance."

(15) The term "structure" includes the term "appurtenance" and a wall, platform, staging and flooring used for standing or seating purposes, shed, fence, sign and billboard on City, public, or private property or on, above, or below a public highway.

(16) The term "appurtenance" includes plumbing, boiler erecting, drainage and sewerage, gas and water piping, a meter, an auxiliary fire appliance, an elevator, escalator, a dumbwaiter, a fire-escape, and a vault and a passageway on, above or below a public highway in connection with a building on City, public or private property.

(17) The term "erect" includes the term "construct"; the term "alter" includes the term "convert"; the term "remove" includes the term "demolish."

(18) Ordinary repairs shall not be construed to include cutting away any stone, concrete or brick wall, or any portion thereof; removal or cutting any beams or supports, or the removal, change or closing of any stair, or opening in an exterior wall, or the alteration or removal of any house sewer, private sewer or drainage system, or the construction of soil, waste or vent pipe.

(19) The term "street" includes sidewalk, highway, avenue, road, alley, boulevard, concourse, parkway, public square and public place, docks and ferries.

(20) Wherever the word "lot" is used in this code, it shall be construed to mean the entire area devoted to one building, including all yards, courts, light and vent shafts.

(21) Wherever the word "curb" applying to the height of building, to the definition of a basement or a cellar or to an excavation is used, it shall be construed to mean the curb level at the centre of the front of the building, in the case of a building fronting on one street only; in the case of a building fronting on two or more streets the curb level at the centre of the front facing on the highest curb shall be taken.

(22) The height of a building is the vertical distance measured in a straight line from the top of the highest point of the roof beams in the case of flat roofs, and from the average height of the gable in the case of roofs having a pitch of more than twenty degrees with a horizontal plane, to the curb level. When a building does not adjoin the street, the measurement for height shall be taken to the average level of the ground adjoining such building.

(23) In measuring the height of a wall the height of the parapet wall down to the top of the roof beams shall not be included.

(24) The length of any building shall be its greatest horizontal dimension.

(25) The width of any building shall be its next greatest horizontal dimension.

(26) The width of a street shall be construed to mean the distance between the street building lines on opposite sides of the street, measured at right angles to the centre line of the street at the middle of the lot.

(27) A story is that part of any building comprised between any floor and the floor or roof next above. In case any floor or the combined area of floors at any one level extends over less than twenty per cent. of the horizontal area included within the outside walls at that level the same shall not be considered as a floor for the purpose of determining story heights.

(28) A cellar is a story more than one-half below the level of the curb.

(29) A basement is a story partly but not more than one-half below the level of the curb.

(30) A yard is an open and unoccupied space on the same lot with a building, between the extreme rear line of the building and the rear line of the lot.

(31) A court is an open and unoccupied space other than a yard on the same lot with a building.

(32) A public hall is a hall, corridor or passageway for the use of the general public.

(33) A stair hall shall include the stairs, stair landings and those portions of the public halls through which it is necessary to pass in going between the entrance floor and the roof of any building.

(34) A shaft includes exterior and interior shafts whether for air, light, elevator, dumbwaiter or any other purpose.

(35) A bulkhead is a structure erected on the roof of a building only for the purpose of inclosing staircases to roofs, elevator machinery, water tanks, ventilating apparatus and exhaust chambers or any other machinery. Bulkheads, when used only for the above mentioned purposes, and when they are only of sufficient height and area to properly inclose any of the above apparatus, equipment or stairs, may be erected on the roof of any building and need not be considered in determining the height of the building.

(36) A pent house is any structure other than a bulkhead, erected on the roof of a building. A pent house shall not exceed ten feet in height nor more than twenty-five per centum of the total lot area nor shall it be used for sleeping accommodations unless such increased area or occupancy is approved by the Superintendent of Buildings.

(37) The term skylight shall be taken to mean and include flat, hipped, lantern, monitor, turret, dome, vertical or pitched, saw-tooth construction and all other covers placed over openings on roofs for the admission of light.

(38) A bearing wall shall be taken to mean one on which a beam, girder, truss, column, or other interior load of a building, rests.

(39) A non-bearing wall shall be taken to mean one which supports no other load an its own weight.

(40) A retaining wall shall be taken to mean one constructed to resist the thrust earth, water or other substance.

(41) A foundation wall shall be taken to mean any wall or pier built below the level, or nearest tier of beams to the curb, or average ground level, to serve as a support for beams, girders, trusses, columns, floors, or other interior load of a building.

(42) A party wall shall be taken to mean a wall used, or built to be used, in common for two or more buildings.

(43) An enclosing wall shall be taken to mean every outside wall, or vertical enclosure of a building, other than a party wall.

(44) Exterior wall (see enclosing wall).

(45) Enclosure walls shall be taken to mean non-bearing walls built between steel columns and supported wholly or in part by steel girders.

(46) A division wall shall be taken to mean any wall, other than an exterior wall or a party wall, which extends the full height of a building.

(47) A partition wall shall be taken to mean any interior wall other than a division wall.

(48) A curtain wall shall be taken to mean any non-bearing wall between columns or piers.

(49) A fire wall shall be taken to mean any wall built for the purpose of resisting fire.

(50) A parapet wall shall be taken to mean that portion of any wall which extends above the roof line.

(51) Frame Building—A frame building is a building of which the exterior walls or a portion thereof are of wood.

(52) Bath House—Bath house shall be construed to mean any building or portion of a building used or intended to be used for the accommodation of bathers, having sleeping accommodations connected therewith.

(53) Detention Building—A detention building is any building or portion thereof in which persons are harbored or detained for purposes of receiving medical, charitable or other care or treatment, or by reason of public or civic duty, by commitment or for correctional purposes, and shall include, among others, Jails, Police Stations and Prisons.

(54) Theatres and Opera Houses, etc.—See section 137.

(55) Church—A church is any building or portion thereof designed or intended for or used solely as a place of assemblage of a number of people for the holding of meetings or gatherings of a religious character.

(56) Amusement Hall—Any building or portion thereof that is designed for, intended or used as a place of recreation, or amusement, or as a concert hall, ball room, or as a place of public assemblage other than theatres and opera houses, shall for the purposes of this code be defined as an amusement hall.

(57) Exhibition Buildings—An Exhibition Building is any building or part thereof that is intended or designed to be used for fairs and exhibition purposes, or as a tower for observation purposes, or for any similar use or occupancy, whether temporary or permanent in character.

(58) Hotel—A hotel is any building, or portion thereof, intended, designed or used for supplying food and shelter to residents or guests, and having a general public dining room and containing also more than ten sleeping rooms above the first story.

(59) Lodging House—A lodging house is a building as defined in section 1305 of the Greater New York Charter.

(60) Tenement House—A tenement house is a building as defined in the Tenement House Act, chapter 334 of the Laws of 1901, as amended.

(61) Apartment House—An apartment house shall be construed as and hereafter referred to as a tenement house and shall be subject to the same requirements.

(62) Boarding House—For the purposes of this code, a boarding house shall be classed as a "Dwelling," provided that not more than ten sleeping rooms in any one building shall be used for the accommodation of boarders. If more than ten sleeping rooms in any one building shall be used for the accommodation of boarders it shall be classed as a "Hotel."

(63) Dwelling—A dwelling is a residence building intended or designed for, or used as, the home or residence of not more than two separate and distinct families.

(64) Stable—A stable is any building, or portion thereof, that is intended or designed for or used for the sheltering or harboring of horses or live stock, or for the storage of vehicles not driven by their own power.

(65) Garage—A garage is any building, or part thereof, in which any power-driven vehicle is kept.

(66) Coal Pocket—A coal pocket is any structure that is intended or designed for or used for the storage or handling of coal and which is of sufficient height to discharge the contents thereof by gravity into a wagon or other vehicle.

(67) Temporary structures shall be taken to mean and include platforms, stands, tiers of seats, election and other booths, temporary buildings and circus tents.

(68) Shed—A shed is a roofed structure, open on one or more sides, which does not exceed fifteen feet in height nor more than twenty-five hundred square feet in area.

(69) Outhouses—Outhouses shall be construed to mean and include all structures built of wood not more than eight feet in height nor more than one hundred and fifty square feet in area.

CHAPTER II.

BOARD OF REGISTRATION AND COMMITTEE OF SURVEYORS.

SECTION 5.

Board of Registration.

(1) Qualifications; Clerk; Appointment—There shall be a Board of Registration of three members. One of these shall be a practicing architect, one a practicing consulting engineer, one a practicing mason builder. They shall be personally engaged in building construction or superintendence, residents of The City of New York, and shall be appointed, and at pleasure removed, by the Mayor. Each member of the Board shall take the usual oath of office before entering upon his duties. The Mayor shall annually designate one of said Board as its presiding officer, and shall appoint, and may at pleasure remove, a Clerk thereto.

(2) Meetings; Fees; Salary of Clerk—Said Board shall meet whenever necessary. Each member shall receive ten dollars for each day's session, and the Clerk shall receive the sum of one thousand five hundred dollars per annum, payable monthly, upon the voucher of its presiding officer.

(3) Jurisdiction—Said Board is hereby authorized and empowered to examine an engineer, architect, mason or carpenter builder, and a master erector of steel or iron work, who may be either a resident or non-resident of The City of New York, as to his qualifications and competency to practice or carry on his business, trade or calling; to grant a certificate of qualification and competency, and authorize his registration in said City. For that purpose it may provide for either an oral or written examination, or both, and shall dispense with an examination upon an application verified by the applicant, and satisfactory proof, by affidavit or otherwise, of his qualifications and competency to practice or carry on his business, trade or calling, and that he has been actively engaged as an engineer, architect, mason or carpenter builder, or a master erector of steel or iron work for five years prior to the date of the filing of said application with said Board. It may limit the examination and registration to such class of persons as it may deem proper, and may revoke and cancel a certificate of qualification and competency for a limited or unlimited term. The said Board shall have power to establish general rules and regulations for the purpose of exercising the powers and discharging the duties conferred and imposed upon it by this code, and shall have power, from time to time, to amend or repeal such rules and regulations, and notice of any change in such rules and regulations shall be published in the CITY RECORD once a week for five successive weeks, and during that period shall be posted on the bulletin board of the Board of Registration.

(4) Fee for Examination—Said Board is hereby authorized and empowered to charge each applicant a fee not to exceed ten dollars for an examination as to his qualifications and competency.

(5) Engineers, Architects, Builders and Master Erectors of Steel and Iron Work to Register—Within six months after the adoption of this code, a person who may desire to become a registered engineer, architect or mason or carpenter builder, or a master erector of steel or iron work, shall record his name and address at the office of the Board of Registration, and shall obtain a certificate thereof from said Board, provided, however, the said person shall have been actively engaged as an engineer, architect, mason or carpenter builder or a master erector of steel or iron work, for five years, prior to its adoption, which fact must be shown by filing a verified application. Thereafter, no person shall be registered as an engineer, architect, mason or carpenter builder, or a master erector of steel or iron work, unless at the time of applying for such registration he shall hold a certificate of qualification and competency from said Board of Registration. A certified list of all

those whose registration has been authorized shall be forwarded weekly to each Superintendent of Buildings by the Board of Registration.

(6) Applications, Plans, Drawings, Building and Supervision Thereof—Hereafter all applications, plans and drawings shall be prepared or signed by a registered engineer, registered architect or registered builder before filing under Chapter IV. hereof, and every building shall be erected, altered or removed under the supervision of a registered engineer, registered architect or registered builder; and all plumbing, drainage and gas piping shall be installed or altered under the supervision of a registered master plumber.

(7) Registration, Revocation and Cancellation—Registration shall be cancelled by the Superintendent of Buildings upon revocation thereof by the Board of Registration for an intentional or wilful violation of any of the provisions of this code, or upon proof of gross incompetency, after a hearing before said Board, to be held after a written notice of not less than twenty days, stating the grounds of the complaint, has been personally served upon the person charged therewith.

SECTION 6.

Committees of Surveyors.

(1) Qualification of; Appointment of—A committee of surveyors shall consist of three persons, one of whom shall be the Superintendent of Buildings, or an Engineer or Inspector of the Bureau of Buildings, designated in writing by said Superintendent; another of whom shall be a registered architect, appointed by the New York Chapter of the American Institute of Architects for the Borough in which an unsafe or dangerous building referred to in section 145 is situated, if in the Boroughs of Manhattan, The Bronx or Richmond, or by the Brooklyn Chapter of said institute, if situated in the Boroughs of Brooklyn or Queens; another of whom shall be a registered practising architect, engineer or builder, of at least ten years' practicee, appointed by the owner of said building. In case the owner fails to appoint, or having appointed the said representative fails to attend according to notice, the two surveyors first named shall make the survey, and if they do not agree, they shall appoint another member, who shall be a registered practising architect, engineer or builder, of at least ten years' practice.

(2) Fees of Committee—The architect appointed by the Chapter of the American Institute of Architects who may serve on a committee of surveyors, as prescribed in section 145, shall receive the sum of twenty-five dollars for each survey thereof, to be paid by the Comptroller upon the voucher of the Superintendent of Buildings. Should the owner fail to appoint and it become necessary for the Committee to appoint another member as prescribed in this section, the member so appointed shall receive the sum of twenty-five dollars for each survey, payable as above.

CHAPTER III.

POWERS AND DUTIES OF THE SUPERINTENDENT OF BUILDINGS; APPEALS; FUNDS.

SECTION 7.

General Powers and Duties of Superintendent of Buildings.

(1) Powers and Duties of a Superintendent of Buildings—Each Superintendent of Buildings shall have the power, and it shall be his duty, to enforce the provisions of this code; to register engineers, architects, carpenter or mason builders, master erectors of iron or steel work in the manner set forth in this code; to approve or disapprove within a reasonable time, applications, plans, detail drawings, and amendments, thereto; to issue permits, notices and certificates; to make rules and regulations; to decide upon and make orders in relation to variations and modifications; to pass upon questions relative to the mode, manner of construction or materials to be used in the erection or alteration of a building; to require that such mode, manner of construction or materials shall conform to the true intent and meaning of the several provisions of this code; to require that every building and its appurtenances after it has been erected, or altered, shall be so maintained as to be at all times in conformity with the provisions of this code; to authorize the Corporation Counsel to institute any and all actions that may seem proper or necessary for the enforcement of its provisions.

(2) Accounts; Annual Estimates; Expenditures—Each Superintendent of Buildings shall keep accurate and detailed accounts, in a form approved by the Comptroller, of all moneys received and expended by him, the sources from which they are received and the purposes for which they are expended.

(3) Record of Applications: Public Documents—Each Superintendent of Buildings shall keep a record of all applications presented to him concerning, affecting or relating to the construction, alteration or removal of buildings. This record shall include the date of the filing of each application, the name and address of the applicant, the name and address of the owner of the land upon which the building mentioned in said application is situated, the name and address of the architect, engineer and builder employed thereon, a designation of the premises by street number, or otherwise, sufficient to identify the same, a statement of the nature and proposed use of such building, and a brief statement of the nature of the application, together with a memorandum of the decision of the Superintendent upon such application, and the date of such decision. The books containing such records and all papers required to be filed in the office of the Superintendent of Buildings are hereby declared to be public records, and shall be open to inspection at all reasonable times.

(4) Rules and Regulations—Each Superintendent of Buildings, by and with the approval of the President of the Borough, shall have power to establish general rules and regulations for the enforcement of the provisions of this code. Such rules and regulations shall, so far as practicable, be uniform in all the Boroughs. The Superintendent of Buildings, by and with the approval of the President of the Borough, shall have power, from time to time, to amend or repeal such rules and regulations.

(5) List of Approved Materials and Appliances to be Prepared—During the month of January of each year, each Superintendent of Buildings shall prepare a complete list of materials and appliances which have passed the necessary tests and received his approval and the necessary information as to the conditions under which said materials and appliances were tested and approved. Said list shall be filed in the office of the Superintendent of Buildings during the first week in February and shall be published in the CITY RECORD on each Monday during said month of February of each year.

(6) Seal—Each Superintendent of Buildings shall have a seal to be approved by the Mayor and shall direct its use in his Borough.

(7) Badges and Right of Entry—Each Superintendent of Buildings shall prescribe uniform badges to be worn by him, his Inspectors and other employees of the Bureau of Buildings. All officials and employees of the Bureau of Buildings, so far as it may be necessary for the performance of their respective duties, shall have the right to enter upon any real estate or building in said City upon exhibiting their badges.

(8) Superintendent and Employees' Liability—Neither the Superintendent of Buildings nor any person appointed, hired or employed by him, when acting in good faith, and without malice, shall be liable for damages by reason of anything done under the provisions of this code.

SECTION 8.

Power to Vary the Provisions of Law.

Each Superintendent of Buildings shall have power, with the approval of the President of the Borough, in case the Superintendent of Buildings is a different individual from the President of the Borough, to vary or modify any rule or regulation of the President of the Borough or the provisions of this code or of any existing law or ordinance relating to the construction, alteration or removal of any building or structure erected or to be erected within his jurisdiction upon an application to him therefor in writing by the owner of such building or structure, or his duly authorized agent, where there are practical difficulties in the way of carrying out the strict letter of the law, so that the spirit of the law shall be observed and public safety secured and substantial justice done. Where such application has been filed with a Superintendent of Buildings the owner of such building or structure, or his duly authorized agent, shall have the right to present a petition to such Superintendent of Buildings, setting forth the grounds for the desired variation or modification, and may appear before him and be heard. The said officer shall fix a date within a reasonable time for a hearing upon such application, and shall as soon as practicable render a decision thereon, which decision shall be final. The particulars of each such application and of the decision thereon shall be entered upon the records of the Building Department of such Borough, and if the application is granted a certificate therefor, together with a statement of the reasons for such decision, shall be issued by the officer to whom the application is made, and shall be countersigned by the President of the Borough. A record of all such variations and modifications shall be kept in the Bureau of Buildings. It shall be properly indexed under section numbers of the code or ordinance to which each modification applies, and shall be open to public inspection during business hours.

SECTION 9.

Appeals.

Each Superintendent of Buildings shall have power, and it shall be his duty, subject to the provisions of law and the ordinances of the Board of Aldermen, and the general rules and regulations established according to law to pass upon any question relative to the mode, manner of construction or materials to be used in the erection or alteration of any building or other structure erected or to be erected within the Borough under his jurisdiction which is included within the provisions of Chapter IX of the Greater New York Charter, or of any existing law applicable to such Borough relating to the construction, alteration or removal of buildings or other structures, and to require that such mode, manner of construction or materials shall conform to the true intent and meaning of the several provisions of Chapter IX of the Greater New York Charter, and of the laws and ordinances aforesaid, and the rules and regulations established by the President of the Borough. Whenever a Superintendent of Buildings to whom such question has been submitted shall reject or refuse to approve the mode, manner of construction or materials proposed to be followed or used in the erection or alteration of any such building or structure, or when it is claimed that the rules and regulations of the President of the Borough or the provisions of law or of said ordinances do not apply, or that an equally good and more desirable form of construction can be employed in any specific case, the owner of such building or structure, or his duly authorized agent, may appeal from the decision of such Superintendent where the amount involved by such decision shall exceed the sum of one thousand dollars. Such appeal shall be heard by a board of examiners consisting of one member of the New York Chapter of the American Institute of Architects, one member of the New York Board of Fire Underwriters, two members of the Mechanics and Traders' Exchange of said City, one of whom shall be a master mason and one a master carpenter; one member of the Society of Architectural Iron Manufacturers of said City, and one member of the Real Estate Owners and Builders' Association of said City, who shall be an architect or builder, all of whom shall be appointed by their respective associations, and so certified to annually to the Mayor of the City of New York and the Chief of the Fire Department of the City of New York. The said examiners shall each take the usual oath of office before entering upon the performance of their duties. The Mayor shall annually designate one of said examiners as the presiding officer of said board. At least five affirmative votes shall be necessary to the granting of any petition by said board. No member of said board shall pass upon any question in which he is personally interested. The said board shall meet once a week upon notice from any of the Superintendents of Buildings. The members of said Board of Examiners shall be entitled to and shall receive ten dollars for each attendance at a meeting of said board, to be paid by the Comptroller from an approved fund, to be provided by the Board of Estimate and Apportionment and the Board of Aldermen upon the voucher of the Clerk of said Board of Examiners. The Clerk of the Board of Examiners shall be appointed and may be removed by the Mayor of the City of New York, and shall receive a salary of one thousand five hundred dollars. The appeal authorized by this section may be taken within ten days from the entry of a decision upon the records of the Superintendent of Buildings by filing with the officer rendering such decision and with the Clerk of the Board of examiners, and by filing with the Clerk of the Board of Examiners copies of all papers required by law or by the rules and regulations of the President of the Borough, to be submitted upon an application for a building permit, and the Board of Examiners shall thereafter fix a day within a reasonable time for the hearing of such appeal, and upon such hearing the appellant may be represented, either in person or by his agent or attorney. The decision of the Board of Examiners, upon such appeal, shall be rendered without unnecessary delay, and such decision shall be final.

SECTION 10.

Funds for the Bureau of Buildings.

(1) Funds for the Bureau of Buildings—The City of New York shall provide funds for the expenses and disbursements necessary to carry out the provisions of this code.

(2) The Corporation Counsel shall, on the first day of each and every month, render to each Superintendent of Buildings an account of and pay over to him the amount of all penalties and costs received by him, together with his bill for all necessary disbursements incurred, or paid in actions or proceedings, keeping a separate account for each Superintendent, and each Superintendent shall thereupon pay the amount of such penalties and costs so collected to the Comptroller of The City of New York as a fund for the use and benefit of said Bureau of Buildings for the purpose of paying any expense incurred by the said Superintendent under the provisions of this code. A separate account shall be kept by the Comptroller of the money paid to him by each Superintendent.

CHAPTER IV.

APPLICATIONS, PLANS AND DRAWINGS; ORDINARY REPAIRS WITHOUT NOTICE; DEMOLISHING BUILDINGS; CERTIFICATES OF OCCUPANCY OR USE; ALTERATION AND CHANGE IN OCCUPANCY.

SECTION 11.

Applications, Plans and Drawings.

(1) Applications; Filing—Before the erection or alteration of any building is begun, there shall be submitted to the Superintendent of Buildings a verified application in triplicate on appropriate blanks to be furnished by said Superintendent of Buildings, containing a detailed statement of the specifications and a full and complete copy of the plans of such proposed work, and such detail structural drawings thereof as the Superintendent of Buildings may require. The application shall state the full name, residence and business address (by street and number, whenever possible) of the owner of the building and the owner of the real estate upon which the building is to be erected, altered or removed, describe the location thereof, and set forth his authority to erect, alter or remove the same.

(2) Approval Thereof—No building shall be erected, altered or removed except in conformity with the provisions of this code, after written approval by the Superintendent of Buildings of the applications, plans and detail drawings, or the issuance of a written permit, and the work of construction or removal shall strictly conform to the approved specifications, plans and detail drawings, or to such permit. In case adequate plans and statement are presented, the Superintendent of Buildings, may, at his discretion, issue an approval and permit for the construction of a part of a building before the approval of applications and plans of the complete structure.

(3) Amendments Thereto—Amendments to applications, plans and detail drawings may be made and the Superintendent of Buildings shall approve them, provided the applications, plans and detail drawings, when so amended, shall be in conformity with the provisions of this code, and requirements of the Superintendent of Buildings in relations thereto.

(4) Revocation of Approval—The Superintendent of Buildings shall have power to revoke any approval for any departure from the approved applications, plans and detail drawings, or in case any false statement or representation as to a material fact relating to the erection, alteration or removal of the building has been made.

(5) Additional Facts for the Superintendent of Buildings—The Superintendent of Buildings may at any time require an additional verified application, setting forth further details as to the ownership of the real estate or the building, and the tenants and occupants thereof, or may require a designation from either a resident or non-resident of The City of New York, of a resident thereof, in accordance with section 147 of this code.

(6) Limitation of One Year—All approvals of applications, plans and detail drawings, and amendments thereto, shall expire by limitation one year from the date of the original approval of the applications, plans and detail drawings, but the limitation shall not apply to the erection of a new building under approved applications, plans and detail drawings, when work thereunder has been begun and carried on with reasonable continuity within one year from the original approval thereof, when the work to be performed is lawful, and can be carried on without violating any provision of this Code.

SECTION 12.

Ordinary Repairs Without Notice.

Ordinary repairs to a building may be made without notice to the Superintendent of Buildings. See section 4 (18).

SECTION 13.

Demolishing Buildings.

(1) Application—Before the demolition or removal of any building is begun a verified application, on appropriate blanks to be furnished by the Superintendent of Buildings, containing a statement of the facts in relation thereto, and as to the ownership and location thereof, shall be filed with the Superintendent of Buildings, and a written permit obtained from him. Such permit shall expire by limitation two months from the date of its issue. The Superintendent of Buildings shall be given not less than twenty-four hours' notice before the demolition of any building is begun.

(2) Demolishing the Building—In demolishing any building, story after story shall be completely removed. No material shall be placed upon a floor of any building in the course of demolition, but the bricks, timbers and other parts of each story shall be lowered to the ground immediately upon displacement. The material to be removed shall be property wet to lay the dust incident to its removal.

SECTION 14.

Certificates of Occupancy.

(1) Certificates of Occupancy—It shall be the duty of the Superintendent of Buildings provided a building shall have been erected or altered pursuant to the applications, plans and drawings filed and approved and in accordance with the provisions of this Code, to issue to the owner of the real estate or building, as the case may be, a certificate of occupancy stating the class to which said building belongs and the nature of the uses to which it lawfully may be put. No building shall be occupied for any purpose whatsoever except such uses as are certified to by the Superintendent of Buildings, nor until the issuance of the certificate.

(2) Temporary Certificate—The Superintendent of Buildings shall issue a temporary certificate of occupancy providing for the occupancy of a portion of any building, provided said portion has been constructed in accordance with the approved applications, plans and drawings therefor and amendments thereto, and the occupancy does not endanger life, limb or property.

SECTION 15.

Alteration and Change in Occupancy.

No building shall hereafter be altered or occupied in violation of the provisions of this Code; and the Superintendent of Buildings shall cause any building so altered or occupied to be vacated, and it shall not again be occupied until it, or its occupancy, as the case may be, conforms to the requirements of this Code.

CHAPTER V.

CLASSIFICATION.

SECTION 16.

Classification of Buildings.

(1) For the purposes of this ordinance all buildings coming under its provisions shall be divided as to their occupancy into three general classes, to be known as Public Buildings, Residence Buildings and Business Buildings; these general classes shall in turn be subdivided into six classes, as designated in this section. Unless special exception is made, every provision of this ordinance applying to the erection of any building of a class shall apply to all buildings of that class, either when the general class or class designated alphabeticaly is referred to. In case any building is not specifically provided for or there is any doubt as to its classification the Superintendent of Buildings shall decide the class to which it belongs, the classification to be determined by the character of the building and the purposes for which it is intended. Whenever the purpose or use of a building is such that one part of it would come under one class and another part under another class it shall be so constructed that its various parts will comply with all the provisions relating to their respective classes as determined by the Superintendent of Buildings.

Public Buildings.

(2) Public buildings shall be construed to mean and include all structures to which the general public has access, or in which there may be a congregation of people for civic, political, educational, religious or amusement purposes, and shall include the following:

Class A—Municipal Buildings, Court Houses, Armories, Detention Buildings, Bath Houses, Fire Houses, Schools, Colleges, Libraries, Museums, Railroad Passenger Depots, Theatres, Hospitals, Asylums. All buildings of this class hereafter erected shall be of fireproof construction.

Class B—Churches, Amusement Halls, Public Halls, Lodge Rooms, Exhibition Buildings. All buildings of this class hereafter erected over thirty-six feet six inches in height shall be of fireproof construction. When under thirty-six feet six inches in height the first floor shall be of fireproof construction. Spires exceeding seventy-five feet in height shall be of fireproof material.

Residence Buildings.

(3) Residence buildings shall be construed to mean and include all structures in which sleeping accommodations are provided and shall include the following:

Class C—Hotels, Lodging Houses, Club Houses with sleeping accommodations other than those for Janitor or Caretaker, Studios, Dormitories. All buildings of this class hereafter erected over thirty-six feet six inches in height shall be of fireproof construction. When under thirty-six feet six inches in height the first floor shall be of fireproof construction.

Class D—Tenement Houses, Dwellings, Club Houses other than specified in Class C. All buildings of this class hereafter erected over seventy-five feet in height, or more than six stories, shall be of fireproof construction. When the ceiling of any cellar or basement of any building of Class D is more than two feet above the curb level the story below the last mentioned ceiling shall be considered under this paragraph as a story. All buildings of this class hereafter erected more than fifty feet in height, or more than four stories, shall have the first floor of fireproof construction. Such portions of the first story as are occupied for stores or other business purposes shall be enclosed by fireproof partitions, and that portion of the second floor which is situated above stores or other spaces occupied for business purposes shall also be of fireproof construction. All plaster on ceilings and stud partitions below the first floor beams, where these are of wood, shall be on three-quarter inch grounds on metal lath, or other approved fireproof material.

Business Buildings.

(4) Business buildings shall be construed to mean and include all structures used for, or adapted to, the transaction of business, the operation of machinery, the manufacture or storage of machinery or materials, the housing of horses or live stock, or for any other industrial purpose, and shall include the following:

Class E—Office Buildings, Lofts, Stores, Warehouses, Restaurants, Markets, Stables, Factories, Work Shops, Printing Houses. All buildings of this class hereafter erected over seventy-five feet in height shall be of fireproof construction. The first floor of every non-fireproof building of this class hereafter erected shall be of fireproof construction.

Class F—Light and Power Plants, Car Barns, Garages, Railroad Feight Depots, Foundries. All buildings of this class hereafter erected shall be of fireproof construction.

(5) Special Industry Buildings—Buildings hereafter erected and occupied exclusively for a special purpose or industry, including Ice Making Plants, Refrigerating Plants, Slaughter Houses, Rendering Plants, Breweries, Sugar Refineries, Smoke Houses, Coal Pockets, Laboratories, Observatories, Oil Houses, Oil Refineries and Grain Elevators shall be of fireproof construction. Ice Houses, intended exclusively for the storage of ice, shall be of such construction and materials as shall be required by the Superintendent of Buildings. The thickness of walls, the floor construction, the number and width of stairways, the number and size of standpipes and the installation of automatic sprinklers in all the above buildings shall be as required by the Superintendent of Buildings.

SECTION 17.

Classification of Construction.

For the purposes of this Code the various types of construction shall be classified as Frame, Non-Fireproof, Reinforced Concrete and Fireproof Construction.

(a) Frame Construction—For definition of Frame Buildings see section 4 (51). For requirements as to Frame Buildings, see chapter XXII.

(b) Non-Fireproof Construction—The term "Non-Fireproof Construction" shall apply to all buildings or structures with exterior walls of stone, brick, concrete or other approved masonry, and floor beams, interior supports and other interior construction wholly or in part of wood or other combustible materials.

(c) Reinforced Concrete Construction—For description of reinforced concrete construction see chapter XX of this Code. Buildings with walls, columns, girders, beams, roof, floors and partitions as described in section 120, 121 and 122 of this Code shall be deemed to be fireproof. They shall not exceed one hundred feet in height.

Buildings having steel columns and girders protected as called for in sections 115, 116 and 117 of this Code with reinforced concrete beams may, unless otherwise provided, extend to a height not exceeding one hundred feet.

No steel or cast-iron column shall be permitted on top of a concrete column or vice versa, or any of these on wood construction.

(d) Fireproof Construction—For description of fireproof construction see chapter XIX of this Code.

CHAPTER VI.

FIRE LIMITS.

SECTION 18.

(1) Fire Limits—No frame building, except provided in section 130, shall be built hereafter in The City of New York within the following limits:

Borough of Manhattan.

(2) All the Borough of Manhattan bounded as follows: Beginning at a point on the North River at the Battery, thence running northerly along bulkhead line to Harlem River Ship Canal; thence northerly and easterly through Spuyten Duyvil Creek to Harlem River; thence easterly and southerly along bulkhead line of Harlem River and Bronx Kills to East River; thence southerly along East River passing to the east of Randalls Island and Blackwells Island, and thence continuing by the bulkhead line of the East River to place of beginning.

Borough of The Bronx.

Beginning at a point on the eastern bulkhead line of the Harlem River 100 feet south of East One Hundred and Sixty-first street, running thence easterly and parallel with East One Hundred and Sixty-first street to the east side of Sheridan avenue and 100 feet therefrom; thence north on the east side of Sheridan avenue to a point 100 feet north of the north line of East One Hundred and Sixty-first street; thence easterly and parallel to East One Hundred and Sixty-first street and 100 feet therefrom to a point 100 feet west of Park avenue; thence northeasterly and parallel to Park avenue and 100 feet therefrom to a point distant 100 feet west of Webster avenue; thence northerly and parallel to Webster avenue and 100 feet therefrom to a point 100 feet northerly of East One Hundred and Seventy-seventh street; thence easterly parallel to East One Hundred and Seventy-seventh street and 100 feet therefrom to Third avenue; thence southerly along the westerly boundary line of Crotona Park, and thence easterly along the southerly boundary line of Crotona Park, to a point distant 100 feet east of Prospect avenue; thence along Prospect avenue and 100 feet east therefrom to Westchester avenue; thence along Westchester avenue and 100 feet east therefrom to a point 100 feet east of the easterly line of Robbins avenue; thence southerly and parallel to Robbins avenue 100 feet east therefrom to the Port Morris Branch Railroad; thence southeasterly along the Port Morris Branch Railroad to the East River; thence southwesterly along the East River, northwesterly along the Bronx Kills and northerly along the Harlem River, to the point of beginning.

SECTION 19.

Borough of Brooklyn.

Beginning at a point formed by the intersection of Sixtieth street and New York Bay; thence running easterly on a line drawn 100 feet south of and parallel with the southerly side of Sixtieth street to Sixth avenue; thence running northerly on a line drawn 100 feet east of and parallel with the easterly side of Sixth avenue to Thirty-sixth street; thence running westerly through the centre line of Thirty-sixth street to Fifth avenue; thence running northerly through the centre line of Fifth avenue to Twenty-fourth street; thence running easterly through the centre line of Twenty-fourth street to Sixth avenue; thence running northerly through the centre line of Sixth avenue to Twenty-third street; thence running easterly through the centre line of Twenty-third street to Seventh avenue; thence running northerly through the centre line of Seventh avenue to Twentieth street; thence running easterly through the centre line of Twentieth street to Ninth avenue, or Prospect Park West; thence running northerly through the centre line of Ninth avenue, or Prospect Park West to Prospect avenue; thence running easterly through the centre line of Prospect avenue to Eleventh avenue; thence running northerly through the centre line of Eleventh avenue to Fifteenth street; thence running westerly through the centre line of Fifteenth street to Ninth avenue, or Prospect Park West; thence northerly through the centre line of Ninth avenue, or Prospect Park West, to Flatbush avenue; thence southerly along the centre line of Flatbush avenue to Ocean avenue; thence southerly on a line drawn 100 feet west of and parallel with the west side of Flatbush avenue to Avenue E; thence easterly through the centre line of Avenue E to Flatbush avenue; thence northwesterly on a line drawn 100 feet east of and parallel with the easterly side of Flatbush avenue to Franklin avenue; thence northerly on a line drawn 100 feet east of and parallel with the easterly side of Franklin avenue to Crown street; thence easterly on a line drawn 100 feet south of and parallel with the southerly side of Crown street to East New York avenue; thence easterly on a line drawn 100 feet south of and parallel with the southerly side of East New York avenue to Gillen place; thence northerly along a line drawn 100 feet east of and parallel with the easterly side of Gillen place to Broadway; thence northerly on a line drawn 100 feet east of and parallel with the east side of Broadway to Pilling street; thence easterly through the centre line of Pilling street to Central avenue; thence northwesterly on a line drawn 100 feet east of and parallel with the easterly side of Central avenue to Flushing avenue; thence westerly from a line drawn 100 feet north of and parallel with the northerly side of Flushing avenue to Bushwick avenue; thence northerly on a line drawn 100 feet east of and parallel with the easterly side of Bushwick avenue to Metropolitan avenue; thence westerly on a line drawn 100 feet north of and parallel with the northerly side of Metropolitan avenue to Graham avenue; thence northerly on a line drawn 100 feet east of and parallel with the easterly side of Graham avenue to Skillman avenue; thence westerly on a line drawn 100 feet north of and parallel with the northerly side of Skillman avenue to Union avenue; thence northerly on a line drawn 100 feet east of and parallel with the easterly side of Union avenue to North Ninth street; thence northwesterly on a line drawn 100 feet northeast of and parallel with the northeasterly side of North Ninth street to Bedford avenue; thence easterly on a line drawn 100 feet south of and parallel with the southerly side of Bedford avenue to North Eleventh street; thence northwesterly on a line drawn 100 feet northeast of and parallel with the northeasterly side of North Eleventh street to the East River; thence to Van Brunt street; thence northeasterly on a line drawn 100 feet east of and parallel with the easterly side of Van Brunt street to King street; thence southeasterly on a line drawn 100 feet south of and parallel with the southerly side of King street to Columbia street; thence northeasterly on a line drawn 100 feet east of and parallel with the easterly side of Columbia street to Luquer street; thence easterly on a line drawn 100 feet south of and parallel with the southerly line of Luquer street to Hamilton avenue; thence southerly on a line drawn 100 feet west of and parallel with the west side of Hamilton avenue to Court street; thence southwesterly on a line drawn 100 feet east of and parallel with the easterly side of Court street to Gowanus Bay and New York Bay to the point or place of beginning.

Also beginning at a point formed by the intersection of East River and Noble street; thence running easterly on a line drawn 100 feet south of and parallel with the southerly side of Noble street to Lorimer street; thence southerly on a line drawn 100 feet west and parallel with the westerly side of Lorimer street to Nassau avenue; thence easterly on a line drawn 100 feet south of and parallel with the southerly side of Nassau avenue to Oakland street; thence northerly on a line drawn 100 feet east of and parallel with the easterly side of Oakland street to Newtown Creek, to the East River, to the point or place of beginning.

In that part of the Twenty-ninth Ward bounded by Coney Island avenue on the west, by New York avenue on the east and by the lines of said ward on the north and south, no row of two or more attached frame stores, dwellings or buildings shall be permitted to be erected; and no frame house or building shall be erected on any lot or building plot covering more than eighty per cent. in width of any such lot or building plot.

That part of the Eighth Ward, Borough of Brooklyn, which includes the territory between the south side of Forty-fifth street and the north side of Sixtieth street, and the easterly side of Sixth avenue and the westerly side of Seventh avenue.

Any frame building erected hereafter in the territory included within the following boundary—all in the Thirtieth Ward of the Borough of Brooklyn—namely: Beginning at the Shore road and Bay Ridge avenue, along Bay Ridge avenue, including both sides

of said avenue, to Fourteenth avenue; along Fourteenth avenue, including both sides, to Eighty-sixth street; along Eighty-sixth street, including both sides, to Third avenue; along Third avenue, including both sides, to Ninety-second street; along Ninety-second street, including both sides, to Shore road; along the said Shore road to the point of beginning—shall not occupy more than eighty (80) per cent. in width of the lot on which said building is erected.

Borough of Queens.

The territory bounded on the south by Newtown Creek; on the north by the southerly line of Nott avenue; on the west by the East River, and on the east by the westerly line of Van Alst avenue.

CHAPTER VII.

LIMITS OF AREA; LIGHT AND VENTILATION.

SECTION 20.

Limits of Area.

(1) Except as hereinafter provided every building hereafter erected shall be provided with uncovered spaces for providing light and air. These spaces shall be open to the sky from the top of the second story floor beams except when sleeping accommodations are provided in the first story, in which cases the uncovered spaces shall start at the top of the first story floor beams.

(2) The uncovered spaces of every theatre, opera house and other building described in section 137 of this Code shall be in accordance with the requirements of that section.

(3) The uncovered spaces of every tenement house shall be in accordance with the requirements of the Tenement House Act.

(4) For every building of Class C, except lodging houses, hereafter erected on a lot other than a corner lot the total area of such spaces shall be not less than twenty per centum of the total lot area for buildings not exceeding seventy-five feet in height, nor less than twenty-five per centum of the total lot area for buildings not exceeding one hundred and fifty feet in height, nor less than thirty per centum of the total lot area for buildings more than one hundred and fifty feet in height. No interior court or shaft for any building of Class C shall be less than six feet in its least horizontal dimensions. The uncovered spaces of lodging houses shall be in accordance with the requirements of the Greater New York Charter.

(5) For any building hereafter erected, other than those mentioned above, when built on a lot other than a corner, the total area of such spaces shall be not less than ten per centum of the total lot area for buildings not exceeding seventy-five feet in height, nor less than twelve and one-half per centum of the total lot area for buildings not exceeding one hundred and fifty feet in height, nor less than fifteen per centum of the total lot area for buildings more than one hundred and fifty feet in height.

(6) For any building hereafter erected on a corner lot not exceeding two thousand five hundred square feet in area the total area of such spaces shall be not less than five per centum of the total lot area for buildings not exceeding seventy-five feet in height, nor less than seven and one-half per centum of the total lot area for buildings not exceeding one hundred and fifty feet in height, nor less than ten per centum of the total lot area for buildings more than one hundred and fifty feet in height.

(7) When buildings hereafter erected are on corner lots more than two thousand five hundred square feet in area, that portion of the building upon the excess lot area over and above two thousand five hundred square feet shall be in accordance with the requirements of paragraph 4 or paragraph 5, as the case may be, of this section.

(8) Every building (other than theatres, opera houses, tenement houses and buildings of Class C) which occupies a corner lot fronting upon three or more streets, may occupy the entire lot area, provided the maximum width of the building does not exceed seventy-five feet.

(9) The total area of the uncovered spaces of every building (except theatres, opera houses and tenement houses) hereafter erected, which is more than seventy-five feet in width and occupies an entire block front facing upon three or more streets may be less by twenty-five per centum than is required by the provisions of paragraphs (4), (5), (6) and (7) of this section.

(10) When buildings not exceeding one hundred feet in width occupy an entire block no uncovered space shall be required.

(11) There shall be a clear space not less than five feet in width, at and above the second story floor beams, between the rear line of every building and the rear line of every lot except corner lots. This shall not apply to buildings which extend through from one street to another street, parallel or substantially parallel with the first.

(12) In every court the distance between opposite boundary walls shall be not less than five feet at any point for a height not exceeding seventy-five feet, and shall be at least one-half inch greater throughout its height for every additional foot above seventy-five feet.

(13) When existing buildings are extended or increased in area the ratio of total uncovered space to the area of the lot shall not be required to be greater than it would be were the entire building erected in accordance with this Code.

When buildings are increased in height no portion of the addition, except the cornice, shall extend into or over any uncovered space.

SECTION 21.

Floor Areas Between Fire Walls.

(1) In every non-fireproof building hereafter erected, except Tenement Houses, the floor area between fire walls at least twelve inches in thickness shall not exceed the following: When fronting on one street, five thousand square feet; when fronting on two streets, seven thousand five hundred square feet; when fronting on three or more streets, ten thousand square feet.

(2) The floor area between fire walls at least twelve inches in thickness of any fireproof building hereafter erected, except Tenement Houses, and such buildings as are occupied for offices, hotels, railroad depots, armories, churches, light and power stations, exhibition buildings, theatres, and such buildings as are herein otherwise provided for, shall not exceed the following: When fronting on one street, seven thousand square feet; when fronting on three or more streets, twelve thousand five hundred square feet.

(3) On the first story only of every fireproof building hereafter erected and occupied as a store, the floor area between fire walls at least twelve inches in thickness shall not exceed 20,000 square feet.

(4) When a standard equipment of automatic sprinklers is installed throughout any building, the allowable floor area between fire walls may be greater by fifty per centum than those stated in the preceding three paragraphs of this section.

(5) In every fireproof tenement house, the floor area between fire walls at least twelve inches in thickness shall not exceed three thousand square feet.

(6) No opening in any fire wall, except in tenement houses shall exceed eighty square feet in area. No two openings in the same wall shall be nearer than thirty feet on centers.

(7) The floor area between fire walls at least twelve inches in thickness of every car barn shall not exceed twenty thousand square feet and the distance between such walls shall not exceed fifty feet. Openings in such fire walls shall not exceed forty-eight square feet in area and shall not be placed opposite each other or nearer than one hundred feet on centers.

(8) Every opening in a fire wall, except in tenement houses, shall, unless this requirement be waived by a written order by the Superintendent of Buildings, be protected by an approved fire door on each side of the wall.

SECTION 22.

Light and Ventilation.

(1) In every building hereafter erected every sleeping room shall be provided with a window or windows opening directly upon a street, yard or court. The total window area shall be not less than twelve square feet between stop beads and shall be so arranged that it can be opened to the extent of about one-half its area. Such sleeping room shall be for three-fourths of its area not less than nine feet high from the finished floor to the finished ceiling, and shall be not less than seven feet in width and not less than seventy square feet in area, except that in hotels the area shall be not less than eighty square feet.

(2) No sleeping room shall be hereafter placed in a cellar, the ceiling of which is less than two feet above the curb.

CHAPTER VIII.

ENTRANCES; STAIRS; FIRE ESCAPES.

SECTION 23.

Entrances and Doors.

(1) Every building hereafter erected or altered shall have at least one entrance direct to a street or to a yard or court communicating directly with a street.

(2) In every building hereafter erected, except dwellings, all doors in the first story giving admission to or egress from the building, including the doors of vestibules, shall be so hung as to swing outwards when opening. This requirement shall not be construed to prohibit the use upon doors of double hinges which permit the door to swing both inwards and outwards, nor of sliding doors in stables, garages and the shipping rooms and receiving rooms of manufacturing and mercantile buildings.

(3) In every factory, workshop, loft, store, printing house, school, college, detention building, amusement hall, lodge room, exhibition building and lodging house hereafter erected the width in the clear of each door opening and each hall at the street level shall be not less than the aggregate width of the stairways which lead to it from above. In every such building now existing or hereafter erected, every door leading from any loft or space above the street level shall in opening swing outward from the loft or space into the stair hall and every such door shall be so arranged that at every point of the arc of opening and closing of the door, the width of the passageway on the landing or platform shall be not lesss than the width of the stairs. At all times during business hours and such other times as the building is occupied by any person, every exit door and every door leading to a hallway or stairway which leads to an exit door from any loft or space which is occupied by any person shall be unlocked.

(4) Every revolving door at the entrance or exit of any building shall be so arranged that by applying a force slightly greater than is sufficient to revolve the door and which a person of ordinary strength can exert, all the wings of the door shall fold flat on each other parallel with the line of egress; or every such door shall be so arranged that the wings may be easily and quickly brought together without the use of tools. Every revolving door shall be approved by the Superintendent of Buildings.

(5) Where adjoining buildings are connected, every opening between them shall be provided with a self-closing standard fire door on each side of the wall.

Entrance to Cellar or Basement.

(6) In every building of Class D hereafter erected that is arranged to be occupied by more than two families above the first story, the entrance to the cellar or basement thereof shall be from the outside of the building, except that in every building of Class D hereafter erected which is not over forty-eight feet or four stories in height and is not arranged to be occupied by more than two families on any floor, the stairs leading to the cellar or basement may be located inside the building, provided they are inclosed with approved fireproof partitions and approved self-closing metal doors.

SECTION 24.

Interior Stairs.

(1) Number Regulated by Area of Building—In all buildings hereafter erected the number of stairs in each story shall be regulated by the area of each story measured on the outside of walls, except an hereinafter mentioned. All stairways shall be continuous from the roof to the curb level. Where more than one stairway is required the stairs shall be remote from each other. When the ground floor area exceeds that of the floors above the number of stairs required shall be detemined by the area of the story next above the ground floor.

(2) In every school, college, hospital, asylum, detention building, church, amusement hall, lodge room, exhibition building, hotel, lodging house, club house, studio, dormitory, dwelling, loft, store, factory, workshop and printing house, stairs shall be provided as follows: (a) When the area does not exceed 2,500 square feet there shall be at least one stairway. (b) When the area exceeds 2,500 square feet, and does not exceed 5,000 square feet, there shall be at least two stairways, and when the building is occupied above the first story by more than 300 persons, each stairway shall be not less than four feet in width. (c) When the area exceeds 5,000 square feet and does not exceed 10,000 square feet there shall be at least three stairways, and when the building is occupied above the first story by more than 500 persons, each stairway shall be not less than five feet in width. (d) When the area exceeds 10,000 square feet there shall be at least four stairways, and when the building is occupied above the first story by more than 1,000 persons each stairway shall be not less than five feet in width.

(3) In all bath houses, libraries, museums, office buildings and warehouses there shall be the following number of stairs for stories not exceeding the given areas: Not exceeding 3,750 square feet in area, one stairway; exceeding 3,750 square feet and not exceeding 7,500 square feet in area, two stairways; exceeding 7,500 square feet and not exceeding 15,000 square feet in area, three stairways; exceeding 15,000 square feet and not exceeding 30,000 square feet in area, four stairways.

(4) In all armories, railroad passenger depots, markets, light and power plants, car barns, stables, garages, railroad freight depots and foundries, there shall be the following number of stairs for stories not exceeding the given area: Not exceeding 5,000 square feet in area, one stairway; exceeding 5,000 square feet and not exceeding 10,000 square feet in area, two stairways; exceeding 10,000 square feet and not exceeding 20,000 square feet in area, three stairways; exceeding 20,000 square feet, and not exceeding 40,000 square feet in area, four stairways.

(5) When the area of any story exceeds the above requirements for four continuous lines of stairs, such extra number of stairs, tower fire escapes or open fire escapes shall be provided as the Superintendent of Buildings shall direct.

(6) In all theatres, motion pictures theatres and opera houses hereafter erectd stairs of such number and of such width shall be provided as are called for in section 137 of this code.

(7) In all tenement houses hereafter erected stairs of such number and of such width shall be provided and enclosed as are called for in the Tenement House Act.

(8) The width of the stairs, landings and platforms shall in no case be less than three feet and two inches from the wall to centre of hand rail, or from centre to centre of parallel hand rails.

(9) All stairs shall have treads and risers of uniform width and height throughout each flight and the rise shall be not more than eight inches, and the tread, exclusive of nosing not less than nine inches.

(10) All stairs shall be provided with substantial banisters or railings and hand rails, which shall be securely fastened.

(11) Each flight of stairs in every story which exceeds a height of twelve feet in the clear shall have a proper intermediate landing. The landings of stairs which have a straight run shall be placed at the centre portion thereof.

(12) The space beneath every staircase shall be left entirely open and kept free from incumbrance, except that the space beneath any first story staircase, from the foot of same to a point on the soffit, which is not more than five feet above the floor, may be surrounded by an enclosure which shall be without openings of any kind.

(13) If three or more flights of stairs are required, one tower fire escape erected in accordance with section 25 of this code shall be considered the equivalent of one interior flight of stairs as herein provided, but no open fire escape shall be accepted in lieu of such stairs.

(14) Slate and Stone Treads to be Supported—In every building hereafter erected, whether the treads and landings of metal stairs are of slate, marble or other stone, there shall be placed directly underneath each tread and each landing for their entire length and width a steel plate made of solid, or with openings not exceeding four square inches in same, of adequate strength, but not less than one-eighth of an inch in thickness, and securely fastened to the strings with bolts or rivets, or to both the strings and risers if the treads be more than three and one-half feet long. If stairs are of other fireproof material than metal, and the slate, marble or other stone treads and landings are each solidly supported for their entire length and width by the materials composing such stairs, steel supports shall not be required.

SECTION 25.

Tower Fire Escapes.

(1) Tower fire escapes (or fire towers) shall be provided as hereinafter set forth, upon every school, college, hospital, asylum, detention building, amusement hall, lodge room, exhibition building, loft, store, hotel, lodging house, club house, studio, dormitory, factory, workshop and printing house, more than thirty-six feet six inches high hereafter erected. In every such building the area of which, measured on the outside of walls, does not exceed 2,500 square feet, there shall be at least one tower fire escape if it is occupied above the first story by a total of 200 persons or more. Every such building, the area of which, measured as above, exceeds 2,500 square feet and does not exceed 10,000 square feet, shall have at least one fire tower. There shall be at least one additional fire tower for every 10,000 square feet additional area or fraction thereof.

(2) A tower fire escape (or fire tower) shall consist of a stairway completely enclosed from top to bottom by walls of brick or masonry, not less than twelve inches thick. The tower shall extend from the curb, court or yard level to the roof, and the walls of the tower shall extend high enough above the roof to form a bulkhead. A fire tower may be either inside or outside of the building, but there shall be no opening in any wall separating the tower fire escape from the building.

(3) There shall be access to every tower fire escape from every story of the building. Access shall be had only from the outside balconies of steel, iron or masonry. Every balcony shall be at least three feet six inches wide in the clear, and shall be provided with a substantial railing not less than three feet high and not more than four feet high. Access to the balcony shall be by hollow metal doors with wired glass where glass is used. The sills of these doors shall be not more than two inches above the floor of the building and of the balcony. The doors from the building to the balcony shall be self-closing, and at least three feet wide, and jambs and casings shall be of metal or metal cover. Doors shall swing outward to open and be provided with locks or latches with visible fastenings which require no keys. At every doorway leading to a balcony the words "Fire Tower Exit" shall be marked in legible letters not less than eight inches high, and at times when artificial lighting is necessary, a red light shall burn to indicate each such exit.

(4) Access to the tower fire escape from the balcony shall be had only by hollow metal doors. Jambs and casings shall be of metal or metal covered. Doors shall be self-closing and shall swing into the tower fire escape in opening. The outer side of the door of such tower shall be fitted with a lock or latch with visible fastenings which shall not require a key. The landings shall be of such width that the opening of the door shall not reduce the free passageway on the landing, so that it will be less than the width of the stairs.

(5) The stairway shall be substantially built of metal or other fireproof material. They shall be fitted with at least one hand rail. The width between the hand rail and wall shall be not less than three feet. Treads shall be not less than nine inches wide, exclusive of nosings, and risers not more than eight inches high. Landings which shall be the full width of the stairs shall be provided at vertical intervals of not more than twelve feet. No winders shall be permitted.

(6) There shall be direct outlet from every tower both at the bottom and at the roof. Where tower fire escapes end in court or yard, there shall be a fireproof passageway leading direct to the street. This passageway shall be not less than three feet wide and six feet six inches high, and there shall be no steps within it, changes in level being overcome by gradients.

(7) At each story every tower fire escape shall be provided with natural light either through suitable windows of wired glass in metal frames or through wired glass panels in the doors. The area of glass shall be at least eight square ..... at each story. There shall be in addition both in the tower fire escape and in the passageway an electric lighting system which shall furnish adequate light, and be so arranged that the opening of a door into the tower shall cause the electric lights to burn.

(8) There shall be free access at all times to every door leading to a fire tower balcony. Balconies, stairways, and passageways connecting therewith shall at all times be kept free from incumbrances as required by the provisions of section 26 governing open fire escapes.

(9) Sufficient open fire escapes or other safe means of egress, satisfactory to the Superintendent of Buildings, shall be provided on every building more than thirty-six feet six inches in height hereafter erected, which is not required by the provisions of this section, or of section 137 of this code or of the Tenement House Law, to have a tower fire escape.

SECTION 26.

Fire Escapes for Existing Buildings.

(1) Every existing school, college, hospital, asylum, detention building, amusement hall, lodge room, exhibition building, loft, store, hotel, lodging house, club house, studio, dormitory, factory, workshop and printing house, more than thirty-six feet six inches in height, and every other building not herein specified, which is more than fifty feet in height, shall have such open fire escapes, tower fire escapes or other safe means of egrss as shall be satisfactory to the Superintendent of Building, except that the fire escapes on tenement houses shall be as provided in the Tenement House Law, and the fire escapes on theatres as provided in section 137 of this code.

(2) The Superintendent of Buildings shall have full and exclusive power and it shall be his duty to require that fire escapes or other safe means of egress shall be provided upon and within any of the aforesaid buildings which now exist or may hereafter be erected.

(3) An open fire escape shall consist of approved open iron balconies and stairways, which shall be not less than three feet wide with an angle of descent not more than 45 degrees, with a horizontal plane. The width of the stair treads shall be not less than seven inches at every point. Every open fire escape, except those on street fronts, shall reach the roof by either a stairway or a gooseneck ladder. Every open fire escape shall have at the bottom an approved counterbalanced or sliding drop ladder to a safe landing place, from which there shall be a proper outlet.

(4) An open fire escape may project into the public highway to a distance not greater than four feet beyond the building line. It shall be kept in good repair and well painted.

(5) Incumbrances on Fire Escapes—No person shall place any incumbrance before or upon any open fire escape, fire tower, balcony or ladder. It shall be the duty of every fireman and policeman who shall find any fire escape, fire tower balcony or ladder of any fire escape incumbered in any way to forthwith report the same to the commanding officer of his company or precinct, and such commanding officer shall forthwith cause the occupant of the premises or apartment to which said fire escape, fire tower, balcony or ladder is attached, or for whose use the same are provided, to be notified, either verbally or in writing to remove such incumbrance and keep the same clear. If said notice shall not be complied with by the immediate removal of the incumbrance, and keeping said fire escape, fire tower, balcony or ladder free from incumbrance, then it shall be the duty of said commanding officer to apply to the nearest Magistrate for a warrant for the arrest of the occupant or occupants of the said premises or apartments of which the fire escape or fire tower forms a part, and the said parties shall be brought before the Magistrate as for a misdemeanor; and, on conviction, the occupant or occupants of said premises or apartments shall be fined not more than ten dollars for each offense, or may be imprisoned not to exceed ten days, or both, in the discretion of the court.

(6) Upon each balcony of every fire tower and open fire escape there shall be securely fastened in a conspicuous place a metal plate with suitable raised letters reading as follows: *"Notice—Any person placing any incumbrance on this balcony is liable to a penalty of ten dollars and imprisonment for ten days."*

SECTION 27.

Engineers' Stationary Ladders.

Every building in which high-pressure steam boilers are placed in the cellar or lowest story shall have stationary iron ladders or stairs from such story leading direct to a manhole through the sidewalk or other outside exit.

CHAPTER IX.

ENCLOSURES FOR STAIRWAYS AND ELEVATORS; SHAFTS.

SECTION 28.

Enclosures for Stairways.

In all buildings of Class E the stair halls shall be enclosed throughout with approved fireproof partitions not less than six inches thick, exclusive of plastering. Such partitions shall be anchored at the top and bottom ends. All doors and sash in these partitions shall be of approved hollow metal with wired glass where glass is used.

SECTION 29.

Enclosures for Elevators.

(1) All elevators hereafter placed in any building shall be enclosed by partitions of brick, terra cotta block, reinforced concrete or other approved fireproof material, built in accordance with section 120 of this code and carried by suitable foundations of masonry, concrete or steel. In every existing non-fireproof hotel in which any existing elevator is not enclosed in a fireproof shaft it shall be placed in a masonry enclosure, constructed and arranged as required in this section.

(2) The bottom of every elevator shaft shall be fireproof. Where the elevator shaft extends into the cellar or lowest story it shall be enclosed in that story with brick walls not less than eight inches thick.

(3) If not used as bearing walls the partitions enclosing elevators, when of brick, shall be not less than eight inches in thickness for the uppermost forty feet and shall increase four inches in thickness for each lower forty feet or part thereof; or when wholly supported by suitable steel framing at vertical intervals of not over forty feet, they may be eight inches in thickness throughout their height. If not used as bearing walls such walls when of terra cotta block, wholly supported by steel framing at vertical intervals of not over twenty-four feet, and suitably spaced upright members shall be not less than four inches in thickness. If not used as bearing walls such walls when of reinforced concrete, shall be not less than four inches for the uppermost thirty feet, and shall increase four inches in thickness for each lower forty feet or part thereof; or when suitably supported at vertical intervals of not over twenty-four feet, such partitions may be four inches in thickness throughout their height. Such walls or partitions when of other approved fireproof material shall be constructed and supported as may be directed by the Superintendent of Buildings. The inside surface of all elevator shafts shall be flush, smooth and free from projecting sills, lintels or breaks.

(4) All door openings shall be provided with approved fireproof doors. Window openings in elevator enclosures shall open to the outer air.

(5) Where elevator enclosures extend through the roof of a building the roof of the enclosure shall be of approved fireproof material with a skylight of at least three-fourths of the area in the shaft. Where they do not extend through the roof the top of the enclosure shall be of fireproof material. If any elevator shaft in a non-fireproof building extends to the top floor it shall be carried though the roof and three feet above it.

(6) When the compartment which contains the machinery for opening an elevator communicates with the elevator shaft it shall be enclosed with fireproof partitions, as required for the shaft, and shall have standard fire doors.

(7) In every building of Class E the elevator hole or space containing the elevators shall be cut off from the rest of the floor space at each story above the first by approved hollow metal doors with wire glass where glass is used.

SECTION 30.

Enclosures for Dumbwaiters.

(1) All dumbwaiter shafts hereafter placed in any building, except shafts which do not extend more than one story above the cellar or basement floor in dwellings, shall be enclosed by suitable walls of brick, terra cotta or other approved fireproof material. Terra cotta block shall be built on suitable steel framing between floors. Other fireproof material shall be stiffened and braced with suitable steel framing of approved form and construction. Such walls or partitions shall rest upon masonry or concrete foundations, or upon suitable steel framing.

(2) Where the dumbwaiter shaft extends into the cellar or lowest story of a non-fireproof building it shall be enclosed in that story with walls of masonry not less than eight inches thick.

(3) The bottom of all dumbwaiter shafts shall be fireproof, and where such shaft does not extend through the roof the top of the shaft shall be fireproof.

(4) When dumbwaiter shafts extend through the roof they shall extend at least three feet above the roof, and shall be covered with fireproof material and have a metal frame skylight covering at least three-fourths the area of the shaft.

(5) All openings in shaft walls shall be provided with self-closing standard metal doors, with metal jambs and trim.

(6) In dwellings where dumbwaiter shafts are not fireproof, as heretofore provided in this section, the entire interior shall be covered with metal lath, or other approved fireproof material, and plastered.

SECTION 31

Light and Vent Shafts.

In all buildings hereafter erected or altered, except frame dwellings, all the walls or partitions forming interior light or vent shafts shall be built in accordance with section 120 of this code. The walls of all light or vent shafts, whether exterior or interior, hereafter erected, shall be carried up not less than three feet above the level of the roof and shall be coped.

CHAPTER X.

STANDPIPES; AUTOMATIC SPRINKLERS; FIRE SHUTTERS AND DOORS.

SECTION 32.

Standpipes.

(1) In every existing building, except as provided for in section 137, exceeding eighty-five and not over one hundred and twenty-five feet in height, which is not provided with a three-inch or larger standpipe, and in all buildings hereafter erected exceeding eighty-five and not exceeding one hundred and twenty-five feet in height there shall be provided a vertical standpipe not less than four inches in diameter.

(2) In every existing building exceeding one hundred and twenty-five feet in height which is not provided with a three-inch or larger standpipe, and in all buildings hereafter erected exceeding one hundred and twenty-five feet in height, there shall be provided a vertical standpipe not less than six inches in diameter, or two vertical standpipes each not less than four inches in diameter.

(3) All standpipes now erected or hereafter erected shall have on each floor in the stair hall, if practicable, a two and one-half inch hose connection, with hand valve, and, upon an approved rack or reel, sufficient hose to reach any part of the floor. There shall be sufficient hose at the valve on the top floor to reach any part of the roof. Standpipes and fittings shall be of galvanized wrought iron or steel, or of brass, shall have screwed joints, and shall be able to safely withstand a water pressure of three hundred pounds per square inch when installed and ready for service. Standpipes shall be located, constructed and arranged to the satisfaction of the Fire Commissioner.

(4) In buildings over one hundred feet deep and fronting one or more streets, there shall be a standpipe at each end of the building; and in buildings exceeding eight thousand square feet in area there shall be one standpipe for each stairway. Where two or more standpipes are required they shall be connected at the base by pipes the size of the largest standpipes, so that water from any source will supply all standpipes. Hangers and supports shall be of ample strength and be securely braced to avoid vibration.

(5) Hose shall be two and one-half inches in diameter and able to safely withstand a water pressure of two hundred pounds per square inch. It shall be in fifty-foot lengths, and have at each end a standard coupling with the thread used by the Fire Department, and shall have at least a three-quarter-inch standard nozzle. There shall be two hose spanners at each hose connection.

(6) Every standpipe shall have at the street level a siamese connection with an outlet the same size as the standpipe. Each connection for hose shall have an area equal to one-half of the standpipes and the thread on the hose connections shall be that used by the Fire Department.

(7) In every building hereafter erected each standpipe shall be carried up with each floor after the structure has reached a height of eighty-five feet. Each standpipe shall be fitted with an outside siamese connection in a proper and accessible place and on each floor above the second floor regulation hose outfits shall be provided, as the work progresses. The upper end of each riser shall be securely capped at all times except when work on the standpipe is actually in progress.

(8) In each connecting pipe just inside the building, in a horizontal section, shall be placed a straightway check valve, but not a gate valve. A drip pipe and valve shall be placed between the check valve and the steamer connection. Besides the steamer connections the standpipes may be supplied with water from the street mains, at points where the pressure therein is sufficient, and if required by the Fire Commissioner they shall be connected with an approved automatic fire pump with a capacity of not less than five hundred gallons per minute, a suitable elevated tank or an approved steel pressure tank equipment of not less than five thousand gallons capacity.

(9) Where a standpipe is connected to a tank there shall be a straightway check valve in a horizontal section of pipe between the first hose outlet in the connecting pipe and the tank. The tank shall be supplied by a separate pipe, and not through the standpipe.

(10) Pumps which supply standpipes shall be placed not less than two feet above the floor level and boilers which supply steam for such pumps shall be protected against the flooding of their fires. All electric wiring for fire pumps and elevators shall be so installed as to secure against injury by fire.

(11) In every building exceeding one hundred feet in height at least one elevator shall at all times be in readiness for immediate use by the Fire Department.

(12) All existing buildings, and those hereafter erected, which exceed one hundred feet in height shall be provided with such wrenches, fire extinguishers, water-filled buckets, hooks, axes and pails as may be required by the Fire Department.

(13) All valves, hose, tools and other appliances provided for in this section as required by the Fire Commissioner shall be kept in perfect working order, and at least once a month the person in charge of the building shall make an inspection to make certain that they are in good working order and ready for immediate use by the Fire Department.

(14) Plans showing location, size and connections, with duplicate descriptions of all standpipe installations, shall be furnished to the Fire Commissioner. These drawings must be to scale, and shall consist of such floor plans and sections as may be necessary to show clearly all such work to be done, and must show all partitions, stairways inclosures and elevator shafts. The work of installing a standpipe shall not be commenced or proceeded with until said drawing and descriptions, in detail, shall have been approved by the Fire Commissioner. No modifications of the approved drawings and descriptions will be permitted unless amended drawings and duplicate descriptions covering the proposed change or changes are similarly filed and approved.

SECTION 33.

Automatic Sprinklers.

(1) In every building of Classes E and F, the height of which exceeds fifty feet, except office buildings, restaurants, light and power plants, and any portion of loft buildings used for office or dwelling purposes, there shall be provided in addition to standpipes an equipment of automatic sprinklers, which shall be satisfactory to the Fire Commissioner, placed at ceiling of each story and extending the full depth and breadth of the building. Said sprinkler pipes shall be connected with a pipe not less than four inches in diameter leading to the outside of building, and there provided with an approved siamese steamer connection, the latter to be installed under the requirements set forth in section 32 of this code, and to be under the control of and for the use of the Fire Department. A suitable iron plate with raised letters shall be attached to the wall near said steamer connection reading "Automatic Sprinklers."

(2) In every building used or occupied for business or manufacturing purposes there shall be provided along the ceiling line of each floor below the first story an equipment of automatic sprinklers which shall be satisfactory to the Fire Commissioner. The inlets of these supply pipes shall be placed near these siamese connections for the stand pipes. These supply pipes shall be fitted with a standard Fire Department connection. On the wall near each supply pipe shall be placed a suitable metal plate to read "This pipe connects to automatic sprinklers in the cellar."

(3) Car Barns—All buildings that are designated or intended for or used as car barns for the storage or repair of cars shall be provided with an equipment of automatic spinklers, which shall be satisfactory to the Fire Commissioner.

SECTION 34.

Fire Shutters and Doors.

(1) Every building within the fire limits which is more than thirty-six feet six inches in height, except buildings of Classes C and D, schools and churches, shall have standard fire doors, blinds or shutters or their equivalent, as required in this section, on every exterior window and opening above the first floor, except on openings fronting on streets, which are more than thirty feet in width, or where no other building is withi thirty feet of such opening.

(2) Where an approved metal window frame sash glazed with wire glass is installed, fire shutters may be omitted.

(3) All shutters opening on fire escapes and at least one row vertically in every three vertical rows on the front window openings shall be so arranged that they can be readily opened from the outside.

(4) Every hinged shutter shall be so arranged that it may be freely opened and closed and always clear the railing and ladders of fire escapes. No shutter when opened shall hinder free passage on the fire escape.

(5) Shutters and their hinges shall be kept free from rust and corrosion and kept well painted.

(6) Rolling iron or steel shutters shall be carefully counterbalanced, and so arranged that they can be readily opened from the outside.

(7) All buildings hereafter erected or altered, except those exempted in th first paragraph of this section, which have openings in interior walls, shall when required by the Superintendent of Buildings be provided with standard fire doors on both sides of the wall; such fire doors to have approved self-closing devices. All occupants of buildings shall close all exterior and interior fire doors and blinds at the close of each business day.

CHAPTER XI.

GENERAL REQUIREMENTS.

SECTION 35.

Cellars to be Connected with Sewers.

Before the walls of buildings are carried above the curb level, the cellar shall be connected with the street sewer. Should there be no sewer in the street, or if the cellar is below water level or below the sewer level, provision shall be made to prevent water accumulating in the cellar, to the injury of the foundation.

SECTION 36.

Cellar and Ground Floors.

(1) In all buildings hereafter erected the floor of the cellar or lowest story shall be covered with stone or gravel concrete not less than four inches thick.

(2) Where wood floors are to be laid in such cellars or lowest stories, the sleepers shall be placed on top of the concrete, and the space between sleepers shall be filled, flush with top of sleepers, with stone or cinder concrete.

SECTION 37.

Cellar Partitions in Buildings of Classes C and D.

(1) In all buildings of Classes C and D hereafter erected, having a floor with a clear span of over twenty feet between bearing walls, which supports stud partitions above, there shall be constructed in the cellar or lowest story, at least one partition of brick, concrete, terra cotta blocks or other approved material, not less than eight inches thick, or piers of brick or concrete with openings arched below the underside of the first tier of beams.

(2) If the height of basement or cellar exceeds nine feet in the clear, this partition wall shall be not less than twelve inches thick. Girders of steel, with iron or steel columns, or piers of masonry, may be used in place of partitions.

(3) All partitions in cellars shall be fireproof.

SECTION 38.

Cellar Ceilings.

The wood beams of the ceiling or lowest story of every building of Class D, less than fifty feet in height, hereafter erected or altered, shall be covered with metal lath or other approved fireproof material, as specified in section 119, and plastered with two or more coats of mortar.

SECTION 39.

Vaults Under Sidewalks.

In buildings where the space under the sidewalks is used, a sufficient stone or brick wall, or brick arches between steel beams, shall be built to retain the roadway of the street, and side, end or party walls of sufficient thickness shall extend under the sidewalk to such wall. The roofs of all vaults shall be of approved incombustible material. If openings in the roofs of vaults are covered with glass, each glass shall measure not more than sixteen square inches. Iron covers shall have a rough surface, and be rabbeted flush with the sidewalk. All vaults shall be properly ventilated.

SECTION 40.

Areas.

All areas shall be either protected with suitable railings, or covered. When areas are covered, iron or iron and glass combined, stone or other approved incombustible materials shall be used, and properly supported.

SECTION 41.

Bay, Oriel and Show Windows.

(1) Bay, Oriel, and Show Windows—Bay, oriel and show windows which extend more than three feet above the second floor, or more than twenty feet above the curb level, shall have outside enclosures of fireproof material and be roofed with sheet metal or other fireproof material. Plate glass may be used for the fronts and sides of show windows, provided all supports are of solid metal, and the frame and sash, if of wood, are metal covered.

(2) Bay, oriel and show windows, when otherwise located on any building, shall be constructed of such materials and in such manner as to meet the approval of the Superintendent of Buildings.

(3) Bay Windows Projecting Beyond the Building Line—Bay windows projecting beyond the building line as they are defined in section 224 of the Code of Ordinances, and ornamental projections which project beyond the building line as they are defined in section 235 of the Code of Ordinances, may be construed and maintained, provided permits therefor are obtained, pursuant to sections 224 to 245, inclusive, of the Code of Ordinances.

SECTION 42.

Roofs.

(1) Every building, except frame buildings, shall be covered or roofed with brick, concrete, tile, slate, metal or slag or gravel roofing. Slag or gravel roofing shall be composed of not less than five layers of roofing felt, which shall weigh at least fourteen pounds for each one hundred square feet of single thickness. For each 100 square feet of slag or gravel roofing there shall be used not less than one hundred and twenty pounds of coal tar pitch or asphalt, and the surface of the same shall consist of not less than four hundred pounds of gravel or three hundred pounds of slag. Plastic slate roofing shall consist of not less than five layers of felt, as specified above, solidly cemented together and coated with plastic material.

The outside of the frame of every dormer window hereafter placed upon any building shall be covered with brick, tile, slate or metal. Nothing in this section shall be construed to prohibit the repairing of any shingle roof, provided the building is not increased in heighth, but this shall not permit the renewal of a shingle roof. The wood planking and sheathing of roofs shall not, in any case, extend across any side or party walls.

(2) Any mansard or other roof of like character, having a pitch of over thirty degrees, placed on any building over thirty-six feet six inches high, except frame buildings, shall be constructed of iron or steel frames filled with fireproof material not less than three inches thick. The outside of such roofs shall be covered with metal, slate, tile or other incombustible material.

(3) Every opening in a roof shall have a suitable covering or inclosure.

SECTION 43.

Cornices and Gutters.

(1) On all buildings hereafter erected within the fire limits the exterior cornices, inclusive of those on show windows and gutters, shall be of sheet metal, well soldered and riveted, or other fireproof material. All cornices shall be well secured to the walls with metal framing or anchors, spaced not over four feet apart, and extending four inches into the wall at top and bottom, independent of any woodwork. The tops of cornices shall not extend above the tops of the walls to which they are attached.

(2) All exterior wooden cornices within the fire limits found to be unsafe shall be taken down, and, if replaced, shall be of sheet metal or other fireproof material. All exterior cornices and gutters of wood that may be damaged to the extent of one-half, shall be taken down, and, if replaced, shall be of sheet metal or other fireproof material. If not damaged to the extent of one-half they may be repaired with the same kind of material of which they were originally constructed.

SECTION 44.

Roof Leaders.

All buildings shall be provided with proper metal leaders for conducting water from the roofs. In no case shall the water from leaders be allowed to flow upon the sidewalk, but it shall be conducted by pipe to the sewer. If there be no sewer in the street upon which such buildings front, the water from the leader shall be conducted by proper pipe below the surface of the sidewalk to the street gutter.

SECTION 45.

Tanks.

Tanks containing more than five hundred gallons of water or other fluid hereafter placed within or on the roof or above the roof of any building heretofore or hereafter erected, shall be supported by steel beams or masonry of sufficient strength to safely carry the same; and the beams shall rest at both their ends on steel girders or iron or steel columns, walls or piers of masonry. Underneath any such water tank or on the side near the bottom of the same there shall be a pipe or outlet, not less than four inches in diameter, fitted with a suitable quick opening valve to permit ready discharge of the contents from the tank. Such tanks shall be placed when practicable at a corner of a building. They shall not be placed over a line of stairs or elevator shaft. Covers of tanks placed on roofs, if of wood, shall be covered with metal. Tanks made of wood shall be coopered with metal hoops round in section. All water tanks containing more than one hundred gallons placed inside of buildings shall be properly insulated. All roof tanks shall be cleaned and inspected semi-annually and kept in proper repair, and the cover on same shall be securely locked.

SECTION 46.

Scuttles on Roofs.

Upon the roof of every building more than fifteen feet high there shall be a scuttle or bulkhead, with stairs or substantial stationary iron ladder leading thereto, which shall at all times be easily accessible to all occupants. All non-fireproof scuttles shall be covered on the top and edges with sheet metal or other approved fireproof material. The openings shall be at least two feet by three feet in size.

SECTION 47.

Pent Houses and Bulkheads.

All inclosures upon roofs for tanks, elevators or elevator machinery, and all pent houses and bulkheads hereafter erected, shall be fireproof, and covered on all outside surfaces with approved incombustible weatherproof material, including all surfaces and edges of doors and jambs. Where door jambs are blocked out from the fireproofing, the space between the jamb and the fireproofing shall be filled in solid with approved incombustible material, or the back of jamb shall be metal covered. Stairs with suitable hand rails shall lead to the pent house or bulkhead.

SECTION 48.

Ducts for Pipes.

In all buildings the ducts for pipes, wires, cables and for similar purposes shall in all cases be separately inclosed on all sides with fireproof material. All such chases shall be fire-stopped at each floor. No pipes, wires, cables or similar material shall be encased within or imbedded in the fireproof protection of columns or other structural members.

SECTION 49.

Wainscoting.

When wainscoting is used in buildings hereafter erected or altered, the surface of the walls or partitions behind the wainscoting, shall be plastered flush with the grounds and down to the floor line.

SECTION 50.

Floor Lights.

Floor lights shall be constructed of metal frames and bars or plates, or re-enforced concrete or other approved fireproof material. Glass shall be not less than three-quarters of an inch in thickness. If any glass measures more than sixteen square inches, there shall be a mesh of wire, either in the glass or under the same. Floor lights shall be of the same strength as the floors in which they are placed.

SECTION 51.

Skylights.

(1) All skylights shall have frames and sash of metal. All skylight frames and parts thereof shall be riveted or otherwise securely fastened, in addition to soldering.

(2) Skylights Over Public Passageways—Skylights hereafter placed in buildings of a public character over any passageway or room of public resort shall have immediately underneath the glass thereof a wire netting of not less than No. 8 galvanized wire and not more than one and one-half inch mesh set in substantial channel iron frames.

SECTION 52.

Skylight and Roof Protection.

(1) When walls are carried up two stories or more above the roofs of adjoining buildings, proper means shall be provided and used by the person erecting the walls for the protection of the skylights and roofs of such adjoining buildings.

(2) Should the owner of such adjoining buildings refuse to grant permission to have his roofs and skylights properly protected, such refusal shall be reported in writing to the Superintendent of Buildings and it shall then be the duty of the owner refusing such permission to make his skylights and roofs safe at his own expense.

SECTION 53.

Shed Coverings for the Protection of Pedestrians.

Whenever buildings shall be erected or increased to over thirty-six feet six inches in height, upon or along any street, the person erecting or altering such buildings shall cause to be erected and maintained during such construction or alteration, a substantial shed over the sidewalk in front of the said premises. The shed shall extend from area line to curb for the full frontage of the building, and the roof thereof shall be strong and tight, so as to protect persons using such streets. The street side of such covered way shall be left open for a height not less than six feet above the curb. Said sheds and enclosures shall be subject to the inspection of the Superintendent of Buildings.

SECTION 54.

Outside Scaffolds.

(1) Whenever outside scaffolds are used on buildings over thirty-six feet six inches in height, whether the same be suspended scaffolds or constructed of poles and thrust-outs, there shall be erected on their outer edges and ends, an enclosure of substantial wire netting of not over two-inch mesh, or of boards not less than seven-eighths of an inch thick, placed not over one and one-half inches apart, well secured to uprights not less than two inches by four inches fastened at bottom to planks or timbers on the outer edges and ends of the scaffolding and braced by diagonal stays fastened to platform and top of uprights. The said enclosure shall extend four feet above the working platform of the scaffold.

(2) Timber thrust-outs shall be not less than three inches by ten inches and as much larger as may be required for the load to be carried. They shall be thoroughly braced and secured.

(3) The flooring of all scaffolds shall be tightly constructed with plank. Where poles, put-logs or thrust-out scaffolding are used, the floor and enclosure shall not be removed until a like floor and enclosure are prepared and in position on the story above.

CHAPTER XII.

FLOOR LOADS; WIND PRESSURE.

SECTION 55.

Floor Loads.

(1) The dead loads in all buildings shall consist of the weight of walls, framing, floors, roofs and all permanent construction except partitions not over six inches in thickness.

(2) The live loads shall include all forms of loading other than the weight of the material entering into the construction of the building.

(3) Every floor shall be of sufficient strength to bear safely the weight to be imposed thereon in addition to the weight of the materials of which the floor is composed. Each floor of every building shall be of sufficient strength in all its parts to bear safely upon each and every square foot of its surface a minimum of not less than the live loads specified in the following table:

Class of Building.	Ground and Lower Floors. Pounds Per Square Foot.	Upper Floors. Pounds Per Square Foot.
Foundries, Light and Power Plants, Printing and Lithographing Houses, Railroad Freight Depots	250	250
Warehouses	200	200
Car Barns, Factories, Garages, Work Shops	150	150
Fire Houses	150	60
Armories, Exhibition Buildings, Lofts, Markets, Stables, Stores, Public Halls	125	125
Railroad Passenger Depots	125	90
Office Buildings	125	75
Court Houses	100	100
Amusement Halls, Churches, Colleges, Libraries, Municipal Buildings, Museums, Schools, Theatres	90	90
Asylums, Bath Houses, Club Houses, Detention Buildings, Dormitories, Dwellings, Hospitals, Hotels, Lodge Rooms, Lodging Houses, Restaurants, Studios, Tenement Houses	90	60

(4) Every roof with a pitch of less than twenty degrees with the horizontal shall be proportioned to bear safely fifty pounds upon every square foot of its surface in addition to the weight of materials composing it. If the pitch be more than twenty degrees, the live load shall be assumed to be thirty pounds upon every square foot measured on a horizontal plane.

(5) For sidewalks between the curb and area lines, live loads shall be taken at three hundred pounds per square foot.

(6) Every column, post or other vertical support shall be of sufficient strength to bear safely the combined live and dead loads of the portion of each and every floor which depends upon it for support.

(7) In buildings which are more than five stories in height and have steel columns, with the exception of those buildings where the live floor loads are required to be one hundred and twenty-five pounds per square foot or over, the following reductions are permissible: For columns supporting roof and top floor, no reduction; for columns supporting each succeeding floor, a reduction of five per centum of the total live load may be made until fifty per cent is reached, which reduced load shall be used for the columns supporting all remaining floors.

(8) No steel beam shall be placed in any building of Class E that is not capable of sustaining a live load at the centre of said beam of at least four thousand pounds, plus whatever dead load the beam may have to carry. This is intended to provide for the moving of and support of safes or other heavy objects.

(9) In all buildings of Classes A, E and F, the plans filed in the Bureau of Buildings shall designate the actual purpose for which each floor is intended to be used, giving the maximum distributed and concentrated loads to be imposed thereon. In all cases where the actual loads exceed the loads designated in this code, the strength of the floors shall be increased so as to safely bear the actual loads to be imposed upon them.

(10) No safe shall be placed on a stair landing or in a stair hall, nor shall its weight be carried by any beam which also carries the floor of any landing or stair hall.

SECTION 56.

Strength of Existing Floors to be Computed.

In every building of Classes A, E and F now existing or hereafter erected, the weight that each floor will safely sustain upon each square foot thereof, or upon each varying part of such floor, shall be computed. Such computation shall be reduced to writing on printed forms furnished by the Bureau of Buildings, which shall state the material, size, distance apart and span of beams, girders, posts, columns and walls which support floors, and its correctness shall be sworn to by the person making the same, and it shall thereupon be filed in the office of the Superintendent of Buildings. If the Superintendent of Buildings shall have cause to doubt the correctness of said computation, he may reject it. When the correct weight per square foot which the floors in any building will safely sustain has been ascertained and approved, the owner of said building shall post a copy of the result of such approved computation in a conspicuous place on each story, as designated by the Superintendent of Buildings, and no floor shall be loaded in excess of this safe loading.

SECTION 57.

Wind Pressure.

(1) All buildings of skeleton construction in which the height is more than four times the minimum horizontal dimension shall be designed to resist a horizontal wind pressure of thirty pounds for every square foot of vertical surface measured from the ground to the top of the structure, including roof, allowing for wind in any direction, and if the connections and main members of the steel frame are not of sufficient strength to safely sustain this wind load without exceeding the safe allowable unit stresses as hereinafter given, then such bracing and additional material shall be provided as may be necessary.

(2) If the height of the structure is less than four times the minimum horizontal dimensions, the wind pressure per square foot may be reduced to fifteen pounds, except in determining the overturning moment, when thirty pounds per square foot shall be used.

(3) The overturning moment due to wind pressure shall not exceed seventy-five per centum of the moment of stability of the structure, unless the structure is securely anchored to the foundation, the anchors to be of sufficient strength to safely carry the excess overturning moment, without exceeding the allowable unit stresses as given in this code.

(4) In determining the overturning moment of structures, a wind pressure of thirty pounds per square foot shall be assumed. Unless the stress due to the wind in any member amounts of fifty per centum of the total live and dead loads, it may be neglected. When the stress due to the wind exceeds fifty per centum of the stress due to live and dead loads combined, all these stresses shall be added together and the allowable unit stress for the total may be taken at fifty per centum in excess of the values stated in chapter XIV. of this Code.

CHAPTER XIII.

MATERIALS: QUALITY, TESTS, WEIGHT.

SECTION 58.

Bricks.

(1) The bricks used in all buildings shall be good, hard, well burnt bricks and thoroughly wet before being laid, except in freezing weather, when they shall be perfectly dry. Not more than five per centum shall be bats or broken bricks.

(2) When old bricks are used they shall be thoroughly cleaned and wet before being laid. They shall be whole and good, hard, well burnt bricks.

SECTION 59.

Hollow Concrete Building Blocks.

(1) Moulded hollow building blocks, of concrete, consisting of one part of Portland cement, two parts of sand and five parts of crushed stone, may be used for the bearing walls of any building not more than thirty feet in height, provided the materials are not stressed beyond the safe limits fixed in this section. No such blocks shall be used until satisfactory tests have been made by the manufacturer, under the direction of the Superintendent of Buildings, in accordance with the requirements of section 67 of this code, and the use of such blocks has been approved. In no case shall the hollow spaces of a block exceed thirty-three and one-third per centum of its cross section. The thickness of walls or webs of such blocks shall be not less than one-fourth of the height of the blocks, and in no case less than one inch.

(2) The thickness of the walls of any building in which hollow blocks are used shall not be less than is required by this code. All such walls shall be laid in cement mortar. No wall composed of hollow blocks shall be loaded in excess of one hundred pounds per square inch of the cross section of the wall. The cross section may be computed as for a solid wall.

SECTION 60.

Sand.

All sand used for building construction shall be sharp, clean, coarse, silicious, free from clay, loam, dirt or other foreign material, and shall not be finer than standard samples kept in the Bureau of Buildings.

SECTION 61.

Lime Mortar.

Lime mortar shall be made of one part of unslacked lime and not more than four parts of sand. All lime used for mortar shall be thoroughly burnt, of good quality and properly slacked before it is mixed with the sand.

SECTION 62.

Cement and Cement Mortar.

(1) Portland Cement—The term Portland Cement shall be applied to the finely pulverized product obtained from the heating or calcining up to incipient fusion of intimate mixtures properly proportioned, either natural or artificial, of argillaceous with calcareous substances, and to which no addition greater than three per centum has been made subsequent to calcination.

(2) All samples shall be taken from packages in the open market and secured by a representative of the Bureau of Buildings, and shall be taken from the centre of at least three different packages. Not less than fifteen pounds will be considered a sample for an official test, and shall be put immediately into a metal container with a tight fitting cover, and a sample number given it; said number shall be put on the outside of a sealed envelope containing the sworn statement by whom the sample was secured, when secured, date, and for what purpose the cenment is to be used. Said envelope and sample shall be delivered direct to the Superintendent of Buildings.

(3) The specific gravity of Portland cement shall not be less than three and ten one-hundredths, and shall not show a loss on ignition at a low red heat of more than four per cent.

(4) Ninety-two per centum of the cement shall pass through a sieve having ten thousand meshes per square inch and seventy-five per centum through a sieve having forty thousand meshes per square inch; the sieves shall be of woven brass wire having diameter of .0045 inch and .0024 inch respectively.

(5) The cement shall not acquire its initial set in less than thirty minutes and shall have acquired its final set in not less than one hour and not more than ten hours.

(6) This time of setting shall be determined by the Vicat needle apparatus. This consists of a frame bearing a movable rod, with a cap at one end, and at the other a needle, one centimeter in diameter, the cap, rod and cylinder weighing three hundred grammes. The rod carries an indicator, which moves over a scale (graduated to centimeters) attached to the frame. The paste is held by a conical, hard rubber ring, seven centimeters in diameter at the base, four centimeters high, resting on a glass plate,

about ten centimeters square. The initial set shall be taken as the time which elapses, after mixing the cement paste and when the needle ceases to pass a point five millimeters above the upper surface of the glass plate, and the final set shall be taken as the total time after mixing when the needle ceases to sink visibly into the paste.

(7) Pats of neat cement about three inches in diameter, one-half inch thick at the centre, and tapering to a thin edge, shall be kept in moist air for a period of twenty-four hours.

(a) A pat is then kept in air at normal temperature and observed at intervals for at least twenty-eight days.

(b) Another pat is kept in water maintained as near seventy degrees Fahrenheit as practicable, and observed at intervals for at least twenty-eight days.

(c) A third pat is exposed in any convenient way in an atmosphere of steam, above boiling water, in a loosely closed vessel for five hours.

(8) These pats, to pass satisfactorily the requirements, shall remain firm and hard and show no signs of distortion, checking, cracking or disintegrating.

(9) The failure to meet the requirements to test "c" may or may not reject the cement at the option of the Superintendent.

(10) The minimum requirements for tensile strength for briquettes one square inch in section shall be as follows and shall show no retrogression in strength within the period specified:

Neat Cement.

24 hours in moist air	175 lbs.
7 days (1 day in moist air, 6 days in water)	500 lbs.
28 days (1 day in moist air, 27 days in water)	600 lbs.

Sand Test.

One part cement, three parts standard sand.

7 days (1 day in moist air, 6 days in water)	175 lbs.
28 days (1 day in moist air, 27 days in water)	250 lbs.

(11) The tensile strength shall be determined on not less than fifteen briquettes from each sample; nine for the neat cement tests and six for the sand tests.

(12) All briquettes, pats and test pieces during the time of setting shall be maintained in moist air except as otherwise above provided.

(13) The sand used for testing shall be crushed quartz or Ottawa sand screened to pass through a sieve having twenty meshes to the linear inch and retained on a sieve having thirty meshes per linear inch; the wires having diameters equal to one-half the width of the openings in each case. Sand having passed the twenty mesh sieve shall be considered standard when not more than one per centum passes the thirty mesh sieve after one minute continuous sifting of a five hundred grain sample.

(14) The cement shall be mixed on glass and worked with the hands for five minutes, using from eighteen per centum to twenty-six per centum of fresh water for the neat cement test, and from eight per centum to twelve per centum for the sand test, so that the mass shall be of sufficient plasticity as not to admit of ramming and packing, but shall be put into the moulds with thumb pressure only, and struck off smooth on both sides. Standard moulds of one inch square section shall be used for all tests.

(15) The Portland cement shall not contain more than one and seventy-five hundredths per centum of anhydrous sulphuric acid nor more than four per centum of magnesia.

(16) Natural Cement—This term shall be applied to the finely pulverized product resulting from the calcination of an argillaceous limestone at a temperature only sufficient to drive off the carbonic acid gas.

(17) Fineness—It shall leave by weight a residue of not more than ten per centum on the No. 100, and thirty per centum on the No. 200 sieve.

(18) Time of Setting—It shall develop initial set in not less than ten minutes, and hard set in not less than thirty minutes, and not more than three hours.

(19) Tensile Strength—The minimum requirements for tensile strength for briquettes one inch square in cross section shall be within the following limits, and shall show no retrogression in strength within the periods specified:

Age.	Neat Cement.	Strength.
24 hours in moist air		50
7 days (1 day in moist air, 6 days in water)		100
28 days (1 day in moist air, 27 days in water)		200
	One Part Cement, Three Parts Standard Sand.	
7 days (1 day in moist air, 6 days in water)		25
28 days (1 day in moist air, 27 days in water)		75

(20) Constancy of Volume—Pats of neat cement about three inches in diameter, one-half inch thick at centre, tapering to a thin edge, shall be kept in moist air for a period of twenty-four hours.

(a) A pat is then kept in air at normal temperature.

(b) Another is kept in water maintained as near seventy degrees Fahrenheit as practicable.

(21) These pats shall be observed at intervals for at least twenty-eight days, and, to satisfactorily pass the tests, shall remain firm and hard and show no signs of distortion, checking, cracking or disintegrating.

(22) The metric system of weights and measures shall be used on account of the relation of the gramme to the cubic centimeter.

(23) Tests of cement used in building operations shall be made from time to time under the supervision of the Superintendent of Buildings, in accordance with the preceding specifications. All Portland and natural cements meeting the above requirements shall be approved, but the Superintendent of Buildings shall reject or disapprove the cement failing to meet any of the above requirements. A record of the cements which shall meet the requirements of this section and of these specifications, shall be kept in the Bureau of Buildings for the public's information. A representative of the manufacturer may be present at the making of the tests and in case of failure, the Superintendent may, at the request of the manufacturer, order the tests repeated at some recognized testing laboratory in the manner above specified. All expenses of such tests shall be paid by the manufacturer, or the user, and the same samples shall be used in these tests as were used in the previous tests. No brand of cement, which has not been tested under the provisions of this section, or which has not met the requirements, shall be used in building operations, except that the Superintendent of Buildings, at his discretion, may permit the use of "non-staining" or other uncommon varieties of cement intended to be used under special or unusual conditions.

Cement Mortar.

(24) Cement mortar shall be made of Portland or natural cement and sand in the proportion of one part of cement and not more than three parts of sand by volume and shall be used immediately after being thoroughly mixed. All materials shall be measured; three and seven-tenths cubic feet shall be considered as the contents of a barrel and four bags of cement of ninety-five pounds each shall be considered one barrel. The cement and sand shall be measured and thoroughly mixed before adding water.

(25) Briquettes of one inch square in section, made from mortar taken from the mixing box shall show a tensile strength of at least seventy per centum of the minimum requirements for mortars made with standard sand as previously specified.

(26) Mortars failing to meet this requirement shall be rejected.

SECTION 63.

Cement and Lime Mortar.

Cement and lime mortar shall be made of one part of unslacked lime, one part of cement and not more than three parts of sand to each. All materials shall be measured.

SECTION 64.

Concrete.

(1) All concrete for footings shall be made of at least one part of Portland cement, and not more than three parts of sand, and five parts of broken stone or gravel.

(2) All other concrete which supports dead loads shall be made of at least one part of Portland cement and not more than two parts of sand and five parts of broken stone or gravel.

(3) The broken stone shall be granite, trap rock or equally hard stone approved by the Superintendent of Buildings. Where gravel is used it shall be thoroughly washed.

(4) Where concrete in mass is to be used for foundations the stone or gravel shall be of such size as will pass through a two-inch ring.

(5) The stone or gravel to be used for reinforced concrete construction shall pass through a three-quarter inch ring.

(6) The concrete shall be immediately placed in forms and shall not be used after it has been mixed more than one hour. It shall be deposited in horizontal layers not exceeding eight inches in thickness and thoroughly tamped.

(7) All forms and centering shall be built plumb and to true lines in a substantial manner and with joints sufficiently tight to prevent the leakage of the cement mortar. They shall be properly supported and braced in such a manner as to safely stand both the dead load and the load that may be placed upon them during construction.

(8) Before the placing of concrete is suspended, the joint to be formed shall be made in such a manner as will not injure the strength of the completed structure. Whenever fresh concrete joins concrete which has set or partially set, the surface of the old concrete shall be roughened, cleaned and thoroughly wetted.

(9) Concrete shall not be mixed or deposited in a temperature lower than twenty-eight degrees Fahrenheit, at the point where the work is in progress. No materials containing frost, or that are frozen, shall be used. Precaution shall be taken to prevent the concrete from freezing. After it has been placed in position, the temperature of the concrete must be maintained, by artificial means if necessary, at not less than thirty-two degrees Fahrenheit, until the concrete has set.

(10) Centering shall remain in place until the set of the concrete has reached a point where it may be removed with safety.

SECTION 65.

Quality of Timber.

All timbers and wood beams used in buildings shall be of good, sound material, free from rot, large and loose knots, shakes, or any imperfection whereby the strength may be impaired, and be of such size and carrying capacity as to support the loads for which the buildings is intended.

SECTION 66.

Structural Material.

(1) Rivet Steel shall have an ultimate strength of from fifty thousand to sixty thousand pounds per square inch, an elastic limit of not less than 50 per centum of the ultimate strength, an elongation of not less than twenty-eight per centum in eight inches, and a reduction of area of not less than fifty per centum. A rivet rod must be capable of being bent and cold-hammered down on itself without fracture.

(2) All other structural steel shall show an ultimate strength of from sixty thousand to seventy thousand pounds per square inch, and an elastic limit of not less than 50 per centum of the ultimate strength. It shall have an elongation of not less than twenty-two per centum in eight inches, and forty per centum reduction of area.

(3) No rolled iron shapes shall be used in any structure.

(4) No second-hand rolled shapes shall be used in any structure without the written permission of the Superintendent of Buildings.

(5) Steel Castings shall be made from open hearth steel, and shall be practically free from blow-holes, with a reasonably clear skin and sharpness to pattern. The steel shall not contain over eight-hundredths of one per centum of phosphorus. Steel castings shall be tested for strength and ductility from runners cast with the pieces and annealed with the castings, if the work is annealed. Such runners shall be turned down to not less than one-half square inch cross-section for a length of about six inches, and show in the testing machine an ultimate strength of sixty thousand to seventy thousand pounds per square inch, a yield point of not less than fifty per centum of the ultimate, and an elongation of twenty per centum in two inches. They shall bend cold at right angles on a round corner to a radius of the diameter of the test piece.

(6) Cast Iron shall be of good foundry mixture, producing a clean, tough, gray iron. Sample bars five feet long, one inch square, cast in sand moulds, placed on supports four feet six inches apart, shall bear a central load of four hundred and fifty pounds before breaking. Castings shall be free from serious blowholes, cinder spots and cold shuts. Their ultimate tensile strength shall be not less than sixteen thousand pounds per square inch when tested in small specimens.

SECTION 67.

Tests of New Materials, Methods and Appliances.

(1) The provisions of this section shall apply to all such new materials, methods and appliances as are proposed to be used in building construction.

(2) Before any new material is used in buildings in the same manner as and for the purposes for which natural stones, brick and concrete are now authorized, whenever said new material departs from the general shape, dimensions and composition of ordinary building brick an application for its use and for a test shall be filed with the Superintendent of Buildings. A description of the material and a brief outline of its manufacture shall be embodied in the application.

(3) The material shall be subjected to the following tests: Transverse, compression, absorption, freezing and fire. All such tests shall be made at some laboratory of recognized standing, under the supervision of the Superintendent of Buildings or his representative. The tests shall be at the expense of the applicant.

(4) The results of the tests shall be placed on file in the Bureau of Buildings.

(5) For the purpose of the tests samples or test pieces shall be provided as required. Such samples shall represent the ordinary commercial product. They shall be selected from stock by the Superintendent of Buildings, or his representative, or may be made in his presence, at his discretion. The samples shall be approximately eight inches long, four inches wide and two inches thick. In cases where the material is made and used in special shapes or forms, full size samples may also be called for and tested in such manner as may be directed by the Superintendent of Buildings.

(6) The samples shall in no case be tested later than sixty days after manufacture.

(7) The weight per cubic foot of the material shall be determined.

(8) These tests shall be made in series of at least five, except that in the fire tests a series of two shall be sufficient. The transverse tests shall be made of full sized samples. The resulting half samples then shall be used for the compression and absorption tests, but in no case shall both halves of the same piece be used in either series. Half samples may also be used for the freezing and fire tests under the same restrictions. The remaining samples are to be kept in reserve in case unusual flaws or exceptional conditions make it necessary to discard certain of the tests. All the samples shall be marked for identification and comparison.

(9) The following requirements shall be complied with before the approval of the materials: The modulus of rupture must average at least four hundred, and must not fall below three hundred and twenty-five. The ultimate compression strength must average at least two thousand five hundred pounds per square inch, and must not fall below two thousand.

(10) The percentage of absorption (being the weight of water absorbed divided by the weight of the dry sample) shall not average higher than fifteen per centunm and must not exceed twenty per centum in any case.

(11) The reduction of compressive strength shall not be more than thirty-three and one-third per centum, except that when the lower figure is still above two thousand five hundred pounds per square inch the loss in strength may be disregarded.

(12) The freezing and thawing process shall not cause a loss in weight greater than ten per centum, nor a loss in strength of more than thirty-three and one-third per centum.

(13) The fire test shall not cause the material to disintegrate.

(14) The Superintendent of Buildings shall approve such materials as successfully pass the tests prescribed in this section. The approval of any material shall require that:

(a) A brand mark for identification shall be impressed on or otherwise attached to the material.

(b) The name of the applicant for the test shall be placed on file with the Superintendent of Buildings, and any change in the quality or composition of the material shall be promptly reported to the Superintendent of Buildings.

(15) No materials, methods or appliances, except those which shall pass satisfactory tests and be approved by the Superintendent of Buildings, shall be furnished, erected and installed in buildings. The materials, methods or appliances so approved shall be installed in the completed condition in which they were approved.

SECTION 68.

Weights of Materials.

	Pounds Per Cubic Foot.
Brickwork	115
Concrete—Cinder, used for floor arches or slabs	100
Concrete—Cinder, used for filling over fireproof floors	60
Concrete—Stone	140
Granite, Sandstone, White Marble and other kinds of building stone	160

	Pounds Per Cubic Foot.
Oak	50
Spruce	30
White Pine	25
Yellow Pine, Longleaf	45
Yellow Pine, Shortleaf	35

CHAPTER XIV.

STRENGTH OF MATERIALS AND COLUMNS.

SECTION 69.

Computations for Strength of Materials.

(1) The required dimensions of each piece of material to be used in buildings shall be ascertained by computation, according to the rules prescribed by this code.

(2) Factors of Safety—Where the unit stress for any material is not prescribed in this code, the relation of allowable unit stress to ultimate strength shall be determined by the Superintendent of Buildings.

SECTION 70.

WORKING STRESSES.

The safe carrying capacity of the various materials of construction shall be determined by the following working stresses in pounds per square inch of sectional area:

STEEL AND IRON.

Direct Compression in Short Blocks.

	Pounds.
Rolled steel	16,000
Cast steel (annealed)	16,000
Cast steel (not annealed)	10,000
Cast iron (in short blocks)	16,000
Steel pins, shop and power driven field rivets (bearing)	18,000
Steel field rivets (driven by hand)	16,000

Tension.

	Pounds.
Rolled steel	16,000
Cast steel (annealed)	16,000
Cast steel (not annealed)	10,000
Cast iron	3,000

Shear.

	Pounds.
Steel web plates	9,000
Steel shop and power driven field rivets and pins	10,000
Steel field rivets (driven by hand)	8,000
Steel field bolts	7,000
Cast steel (annealed)	9,000
Cast steel (not annealed)	6,000
Cast iron	3,000

Safe Extreme Fibre Stress.

	Pounds.
Rolled steel beams	16,000
Rolled steel pins, rivets and bolts	20,000
Riveted steel beams	14,000
Cast iron compression side	16,000
Cast iron tension side	3,000

Concrete.

Compression.

	Pounds.
Concrete, Portland cement, 1; sand, 2; stone, 4; with steel reinforcement	550
Concrete, Portland cement, 1; sand, 2; stone, 4	400
Concrete, Portland cement, 1; sand, 2; stone, 5	300
Concrete, Portland cement, 1; sand, 3; stone, 5	250
Concrete, natural Rosendale cement, 1; sand, 2; stone, 4	100
Concrete, natural Rosendale cement, 1; sand, 2; stone, 5	80

Shear.

	Pounds.
Shearing stress in Portland cement, concrete per square inch	75

Safe Extreme Fibre Stress.

	Pounds.
Concrete, Portland cement, 1; sand, 2; stone 4	50
Concrete, Portland cement, 1; sand, 2; stone, 5	40
Concrete, Rosendale cement, 1; sand, 2; stone, 4	10
Concrete, Rosendale cement, 1; sand, 2; stone, 5	8

Stone and Brick Work.

Compression.

	Pounds.
Brick work in Portland cement mortar, cement, 1; sand, 3	250
Brick work in Rosendale cement mortar, cement, 1; sand, 3	175
Brick work in lime and Portland cement mortar, cement, 1; lime, 1; sand, 6	160
Brick work in lime mortar, lime, 1; sand, 4	110
Hollow tiles of dense terra cotta in Portland cement mortar, cement, 1; sand, 3 (per square inch of net section)	250
Rubble stone work in Portland cement mortar	110
Granites, according to test	1,000 to 2,400
Greenwich stone	1,200
Gneiss	1,300
Limestones, according to test	700 to 2,300
Marbles, according to test	600 to 1,200
Sandstones, according to test	400 to 1,600
Bluestones, North River	2,000
Brick	300
Slate	1,000

Safe Extreme Fibre Stress.

	Pounds.
Brick	50
Brick work in Portland cement	30
Granite	180
Greenwich stone	150
Gneiss	150
Limestone	150
Slate	400
Marble	120
Sandstone	100
Bluestone, North River	300

Timber.

Direct Compression.

	With Grain.	Across Grain.
Oak	1,400	500
Yellow pine longleaf	1,200	325
Yellow pine shortleaf and North Carolina pine	1,000	250
White pine	800	200
Spruce	800	200

Tension.

	With Grain.	Across Grain.
Yellow pine longleaf	1,200	....
Yellow pine shortleaf	900	....
White pine	800	....
Spruce	800	....
Oak	1,000	....

Shear.

	With Fibre.	Across Fibre.
Oak	100	300
Yellow pine longleaf	70	300
Yellow pine shortleaf	50	200
White pine	40	150
Spruce	50	200

Safe Extreme Fibre Stress, Bending.

	Pounds.
Yellow pine, longleaf	1,200
Yellow pine, shortleaf, and North Carolina pine	900
White pine	700
Spruce	800
Oak	1,200

SECTION 71.

Working Stresses for Columns.

The working stresses per square inch for all cast iron, steel or wood columns having flat ends shall not exceed those given in the following tables:

	Working Stresses Per Square Inch of Section.	
	$\frac{9{,}000-40\frac{L}{R}}{\text{Cast Iron.}}$	$\frac{15{,}200-58\frac{L}{R}}{\text{Steel.}}$
When the Length Divided by Least Radius of Gyration Equals—		
120	....	8,240
110	....	8,820
100	....	9,400
90	....	9,980
80	....	10,560
70	6,200	11,140
60	6,600	11,720
50	7,000	12,300
40	7,400	12,880
30	7,800	13,460
20	8,200	14,040
10	8,600	14,620

L equals length in inches. R equals least radius of gyration.

	Working Stresses Per Square Inch of Section.		
	Long Leaf Yellow Pine $\frac{1{,}000-18\frac{L}{D}}{}$	White Pine, Spruce. $\frac{800-15\frac{L}{D}}{}$	Oak. $\frac{900-17\frac{L}{D}}{}$
When the Length Divided by the Least Side or Diameter Equals—			
30	460	350	390
25	550	425	475
20	640	500	560
15	730	575	645
12	784	620	696
10	820	650	730

L equals length in inches. D equals least side in inches.

For shortleaf yellow pine use three-fourths the values given for longleaf yellow pine.

Columns and compression members shall not be used having an unsupported length of greater ratios than those given in the foregoing tables.

SECTION 72.

Columns Eccentrically Loaded.

(1) The stresses of every column which is eccentrically loaded shall be computed. The sum of the stresses due to the eccentricity added to all other stresses shall in no case exceed the working stresses stated in this code.

(2) The eccentric load of a column shall be considered to be distributed equally over the entire area of that column at the next point below which the column is securely braced laterally in the direction of the eccentricity.

(3) Tie plates and lattice bars shall not be used in columns eccentrically loaded unless approved by the Superintendent of Buildings. Otherwise only plates extending the full length of the column shall be used.

SECTION 73.

Strength of Temporary Supports.

Every temporary support placed under any structure, wall, girder or beam, during the erection, alteration, demolition or repairing of any building or any part thereof, shall be of sufficient strength to safely carry the load to be placed thereon.

CHAPTER XV.

STRUCTURAL STEEL AND IRON.

SECTION 74.

Rolled Steel Columns.

(1) No part of a rolled steel column shall be less than five-sixteenths of an inch thick.

(2) No rolled steel column shall have an unsupported length of more than forty times its least lateral dimension or diameter, except as modified by section 71 of this code.

(3) The ends of all columns shall be faced to a plane surface at right angles to the axis of the columns. Wherever practicable, the connections between them shall be made with splice plates. When the sections of the columns to be spliced are such that splice plates cannot be used, a connection formed of plates and angles designed to properly distribute the stress, may be used.

(4) No rolled steel column shall contain material (whether in the body of the column or used as lattice-bar or stay-plate) of less thickness than one-thirty-second of its unsupported width measured between centres of rivets transversely, or one-sixteenth the distance between centres of rivets in the direction of the stress.

(5) Stay-plates are to have not less than four rivets, and are to be spaced so that the ratio of length to the least radius of gyration of the parts connected shall not exceed forty; the distance between nearest rivets of two stay-plates shall in this case be considered as length.

(6) Steel columns shall be made in one, two or three-story lengths, and the materials shall be rolled in one length wherever practicable to avoid intermediate splices.

(7) Where any part of the section of a column projects beyond that of the column above, the differences shall be made up by filling plates secured to the column by the proper number of rivets.

(8) Shoes of iron or steel, as described for cast-iron columns, or built shoes of plates and shapes may be used.

(9) All column connections shall be riveted.

SECTION 75.

Cast Iron Columns.

(1) All cast iron columns shall be of good workmanship and material. The thickness of metal shall not be less than one-twelfth of the greatest lateral dimension of cross section, nor less than seven-eighths of an inch.

(2) Cast iron columns shall not have a smaller outside diameter or side than seven inches nor shall they have an unsupported length of more than twenty times their least lateral dimension or diameter, except as modified by section 71 of this code.

(3) Seats and lugs shall be cast with the column and shall be of ample strength, reinforced by fillets and brackets; they shall be not less than one inch in thickness when finished.

(4) All columns shall be machine faced at the ends to a true surface perpendicular to the axis.

(5) Where square or rectangular cast iron columns are placed one on top of another, the top flange shall project not less than three inches from the outer surfaces of the columns on all sides, and the shape and dimensions of the bottom flange of the column immediately above shall be the same as those of the top flange of the column below. If the column is round or polygonal, the top flange shall project not less than three inches at its least projection from the outer surface of the column and be square or rectangular in shape, and the bottom flange of the column immediately above the same shall be of the same shape and dimensions as the top flange of the column below. Each flange shall be reinforced with brackets cast centrally on the column, and with fillets on both the bracket and flange. In case the column is placed on the lot line, the flanges on that side only may be omitted, if approved by the Superintendent of Buildings.

(6) Between the joints of cast iron columns placed vertically over each other there shall be a solid steel plate not less than one-half inch in thickness, of the same dimensions as the flanges of the columns, and true on both sides. The columns shall be bolted together with bolts not less than three-quarters of an inch in diameter passing through the two flanges and the intermediate plate, the bolts being of sufficient length to allow the nuts to be screwed up tightly, and as each column is placed in position the bolts shall also be placed in position and the nuts shall be tightly screwed up. One bolt shall be placed at each corner of the plate and flanges, and the number of bots shall be never less than four. The holes for these bolts shall be drilled to a template.

(7) Where cast iron columns are placed vertically one on top of the other, the diameters or sides shall not be decreased more than one inch for each story.

(8) If the core of a column below a joint is larger than the core of the column above, the core of the lower column shall be tapered up for a distance of not less than six inches, to the size of the core of the column above, and the joint plate shall be of sufficient strength to distribute the load.

(9) Whenever the core of a cast iron column has shifted more than one-fourth the thickness of the shell, the strength shall be computed assuming the thickness of metal all around equal to the thinnest part, and the column shall be condemned if this computation shows the strength to be less than required by this code.

(10) Wherever blowholes or imperfections reduce the area of the cross section of a cast iron column at any point more than ten per centum, such column shall be condemned.

(11) Cast iron posts or columns not cast with one open side or back, before being set up in place, shall have three three-eighths of an inch holes drilled in the shaft of each post or column by the manufacturer or contractor furnishing the same, to exhibit the thickness of the castings; and any other similar sized hole or holes which the Superintendent of Buildings may require shall be drilled in the said posts or columns by the said manufacturer or contractor at his own expense.

(12) Iron or steel shoes or plates planed true on top shall be used under the bottom tier of columns to properly distribute the load on the foundation.

(13) Cast iron columns shall not be filled with any material.

(14) Cast iron columns shall not be used in any building exceeding seventy-five feet in height.

(15) Cast iron columns shall not be used in any case where the load is so eccentric as to cause tension in the cast iron.

(16) Steel columns shall not be placed upon cast iron columns and vice versa.

(17) All holes in cast-iron columns shall be drilled; no cored or cored and reamed holes shall be permitted. The diameter of holes shall not exceed that of the bolts by more than one-sixteenth of an inch.

SECTION 76.

Buildings with Cast-iron Fronts.

In buildings hereafter constructed with a front or other exterior wall of cast-iron, the cast-iron portion shall not extend more than thirty-six feet six inches above the curb, and the walls above this height shall be of masonry. The cast-iron portion shall be backed up with not less than twelve inches of brickwork or masonry, to which it shall be firmly anchored. This restriction shall not prevent the use, above the height of thirty-six feet six inches, of mullions or ornamental panels of cast-iron, provided they do not serve as bearing members.

SECTION 77.

Cast-iron Lintels.

(1) Cast-iron lintels shall not be used for spans exceeding eight feet.

(2) Cist-iron lintels shall be not less than three-fourths of an inch in thickness at any point.

SECTION 78.

Steel Girders.

(1) All girder connections to columns shall be riveted. Rivets in flanges shall be spaced so that the least value of a rivet for either shear or bearing is equal to or greater than the increment of stress due to the distance between adjoining rivets. The length of rivets between heads shall be limited to four times the diameter.

(2) The compression flange of plate girders shall be secured against bucking, if its length exceeds thirty times its width, or the allowed unit stresses in the top flange shall be reduced by the column formulae as given in section 71.

(3) If splices are used, the splice plates or angles and rivets shall be equal in strength to the members spliced in either tension or compression. No reliance shall be placed on the bearing of milled joints.

(4) In determining the flange area no portion of the web is to be included.

(5) Stiffeners shall be provided over supports and under concentrated loads; they shall be of sufficient strength, as a column, to carry the loads, and shall be connected with a sufficient number of rivets to transmit the stresses to the web plate. Stiffeners shall fit so as to support the flanges of the girders. Intermediate stiffeners shall be provided where necessary.

(6) When rolled steel beams are used in pairs to form girders they shall be connected together by bolts and iron or steel separators at intervals of not more than five feet.

(7) All beams twelve inches and over in.depth shall have at least two bolts to each separator.

SECTION 79.

Rolled Steel Floor and Roof Beams.

(1) All rolled steel beams used in buildings shall be of full weight, free from distortion and injurious defects.

(2) The beams of floors and roofs shall be so designed as to spacing and length that the load to be supported by them, together with the weight of the materials composing the floor or roof shall not cause in any beam a greater deflection under the total load than one-thirtieth of an inch per foot of span.

(3) In fireproof floors and roofs of buildings of classes E and F the spacing of the steel beams shall not exceed five feet on centres; in all other buildings not otherwise provided for in this code, the spacing of the beams shall not exceed eight feet on centres.

(4) Beams supported by girders shall be riveted to the same wherever practicable and in all other cases shall be securely bolted in place. Floor and roof beams shall be tied together with suitable tie-rods, placed at intervals of not more than eight times the depth of the beams, which distance shall not exceed six feet. Holes for tie-rods shall be not more than one-sixteenth of an inch larger than the rod itself and be as near the centre of thrust as practicable. When channels or other rolled shapes are used as skewbacks they shall have a sufficient resisting moment to take up the thrust.

(5) Every beam, lintel or girder supported by a wall shall be properly anchored thereto and shall rest upon a steel or iron or plate so designed as to properly distribute the load over the masonry, excepting that for beams not exceeding six inches in depth, placed not more than thirty inches on centres, no plates shall be required.

SECTION 80.

Framing and Connecting Structural Work.

(1) Steel girders, columns, beams, trusses and other steel work of floors and roofs shall be well and firmly connected together, and to the walls.

(2) All beams framed into and supported by other beams or girders shall be connected thereto either by angles or knees of a proper size and thickness, and have sufficient rivets or bolts in both legs of each connecting angle to transmit the entire weight or load coming on the beam to the supporting beam or girder; or a seat sufficiently strong to carry the full load with a side angle or knee to hold the beam in place may be used.

(3) In no case shall the shearing value of the rivets or bolts or the bearing value of the connection angles, provided for in section 70 of this code, be exceeded.

SECTION 81.

Riveting of Structural Steel.

(1) The distance from centre of a rivet hole to the edge of the material shall be not less than—

¾ of an inch ½-inch rivets.
1 inch for ⅝-inch rivets.
1¼ inches for ¾-inch rivets.
1½ inches for ⅞-inch rivets.
1¾ inches for 1-inch rivets.

Wherever possible the distance shall be equal to two diameters.

(2) All rivets, wherever practicable, shall be machine driven. Rivets shall be proportioned and placed to suit the stresses. The pitch of rivets shall never be less than three diameters of the rivet, nor more than six inches. In the direction of the stress it shall not exceed sixteen times the least thickness of the outside member. At right angles to the stress it shall not exceed thirty-two times the least thickness of the outside member.

(3) All holes shall be punched accurately, so that, upon assembling, a cold rivet will enter the hole without straining the material by drifting. Occasional slight errors shall be corrected by reaming.

(4) The rivets shall fill the holes completely; the heads shall be hemispherical and concentric with the axis of the rivet.

(5) Wherever required gussets shall be provided of sufficient thickness and size to accommodate the number of rivets necessary to make a connection.

SECTION 82.

Bolting of Structural Steel.

(1) Where riveting is not practicable, connections may be made by bolts which shall be of wrought iron or mild steel, with United States standard threads. The threads shall be full and clean, the nut shall be truly concentric with the bolt, and the thread shall be of sufficient length to allow the nut to be screwed up tightly.

(2) When bolts go through bevel flanges, bevel washers to match shall be used so that head and nut of bolt are parallel.

(3) When bolts are used for suspenders, the working stresses shall be reduced for steel to twelve thousand pounds per square inch of net area, and the load shall be transmitted into the head or nut by washers distributing the pressure evenly over the entire surface of the same.

SECTION 83.

Trusses.

(1) Trusses shall be so designed that the stresses in each member can be calculated.

(2) All trusses shall be held rigidly in position by efficient systems of lateral and sway bracing, struts being spaced so that the maximum limit of length to least radius of gyration, established in section 71 of this code, is not exceeded.

(3) Any member of a truss subjected to transverse stress, in addition to direct tension or compression, shall have such stresses added to the direct stresses coming on the member, and the sum of these stresses shall not exceed the working stresses stated in this code.

SECTION 84.

Riveted Steel Trusses.

(1) For tension members the actual net area only, after deducting rivet holes one-eighth inch larger than the rivets, shall be considered as resisting the stress.

(2) The number of rivets shall be determined as prescribed in Sections 70 and 81 of this code.

(3) If the axes of two adjoining members do not intersect within the line of chords sufficient area shall be added to the chords to take up the bending stresses, or the web members shall be connected by plates so arranged that the axes of the web members prolonged will intersect on the centre of gravity of the chord.

(4) No bolts shall be used in the connection of riveted trusses, excepting when riveting is impracticable, and then the holes shall be drilled and reamed.

SECTION 85.

Steel Pin-Connected Trusses.

(1) All compression members in pin-connected trusses shall be proportioned, using seventy-five per centum of the permissible working stress for columns. The heads of all eye-bars shall be made by upsetting or forging. No weld will be allowed in the body of the bar. Steel eye-bars shall be annealed. Bars shall be straight before boring.

(2) All pin-holes shall be bored true and at right angles to the axis of the members, and must fit the pin within one-thirty second of an inch. The distances of pin-holes from centre to centre for corresponding members shall be alike, so that when piled upon one another pins will pass through both ends without forcing. Eyes and

screw-ends shall be so proportioned that upon test to destruction fracture will take place in the body of the member. All pins shall be accurately turned.

(3) Pin-plates shall be provided wherever necessary to reduce the stresses on bearings to the working stresses prescribed in this code. These pin-plates shall be connected to the members by rivets of sufficient size and number to transmit the stresses without exceeding the allowable working stresses.

(4) All rivets in members of pin-connected trusses shall be machine driven. All rivets in pin-plates which are necessary to transmit stress shall be machine driven.

(5) The main connections of members shall be made by pins. Other connections may be made by rivets. If there is a combination of riveted and pin-connected members in one truss these members shall comply with the requirements for pin-connected trusses; but the riveting shall comply with the requirements of Section 84 of this code.

SECTION 86.

Painting of Structural Work.

(1) All metal structural work shall be cleaned of all scale, dirt and rust and be given one coat of paint at the shop. After erection all such work shall be painted at least one additional coat, of a different shade.

(2) Where surfaces in riveted work come in contact with each other, they shall be painted with two coats of paint before assembling.

(3) Cast-iron columns shall not be painted or covered until after inspection by the Bureau of Buildings.

(4) Structural metal work shall not be painted when it is to be thoroughly imbedded in concrete or cement grout.

(5) All iron or steel used under water shall be imbedded in concrete.

CHAPTER XVI.

TIMBER CONSTRUCTION AND WOODWORK.

SECTION 87.

Wood Beams.

(1) Every wood beam and timber in any wall of stone, brick or concrete shall be separated from any other beam or timber in the wall by at least four inches of solid masonry. Such separation may be obtained by corbeling or staggering the beams.

(2) No wood floor or roof beam used in any building hereafter erected shall be of a less thickness than three inches.

(3) All wood trimmer and header beams shall be proportioned to carry with safety the loads they are intended to sustain and shall be properly framed; if over four feet in length they shall be hung in suitable metal stirrups.

(4) Every wood beam, except header and tail beams, shall rest at each end four inches in a wall, or on a corbel, a beam, girder or column.

(5) The ends of all wood floor and roof beams, which rest on walls, shall be cut to a bevel of three inches in their depth.

(6) Neither end of a floor or roof beam shall be supported on stud partitions, except in frame buildings.

(7) All wood floor and roof beams shall be properly bridged with cross bridging. The distance between bridging or between bridging and bearing shall not exceed eight feet.

(8) All wood beams shall be trimmed away from flues and chimneys. The trimmer beam shall be not less than eight inches from the inside face of a flue and four inches from the outside of a chimney breast, and the header beam not less than two inches from the outside face of the brick or stone work of the same. For the smoke flues of boilers and furnaces where the brick work is required to be more than eight inches in thickness, the trimmer beam shall be not less than four inches from the outside of the brick work and the header beam shall be not less than four inches from the outside of the brick work.

(9) The header beam carrying the tail beams of a floor and supporting the trimmer arch in front of a fireplace shall be not less than twenty inches from the face of the chimney breast.

(10) The safe carrying capacity of wood beams shall be determined by their resistance to bending and shear in accordance with the unit stresses fixed by Section 70 of this code.

SECTION 88.

Anchors and Straps for Wood Beams and Girders.

(1) Each tier of beams shall be anchored to the walls at intervals of not more than six feet with steel or wrought iron anchors not less than one and one-half inches by one-quarter of an inch in size, with pins at the wall ends not less than five-eighths of an inch in diameter and ten inches long, fastened to the beams by three or more nails made of steel or wrought iron at least one-quarter of an inch in diameter. Said anchors shall extend into the brick walls at least eight inches.

(2) Where the beams are supported by girders, the girders shall be anchored to the walls and fastened to each other by suitable iron straps.

(3) The ends of wood beams resting upon girders shall be abutted together, end to end, and strapped by steel or wrought iron straps of the same size and distance apart, and in the same beam, as the wall anchors, and shall be fastened in the same manner as the wall anchors. Or they may lap each other at least twelve inches and be well spiked or bolted togther where lapped.

(4) Each tier of beams running parallel to enclosing walls shall have at suitable intervals hard wood anchor strips dovetailed into the beams diagonally, which strips shall cross at least four beams and be one inch thick and four inches wide. No anchor strips shall be let in within four feet of the centre line of the beams. Or wood strips may be nailed on the top of the beams and kept in place until the floors are laid.

(5) Every pier shall be well anchored to the beams of each story, with the same size anchors as are required for walls.

SECTION 89.

Wood Columns and Posts and Timber for Trusses.

(1) All timber columns and posts shall be squared at the ends perpendicular to their axes, and timber, iron or steel cap plates or pintles and base plates shall be provided. The safe carrying capacity of timber columns and posts shall be determined by the working stresses fixed by section 70 of this code.

(2) Where the cap plate of a wood column or post supports a wood girder, and directly on top of the girder is an iron or steel base plate of the wood column or post above, the cap and base plates shall be connected by pintles of metal passing through the girder; these pintles may be of round bars of steel of proper size and not less than four in number, or a hollow cast-iron pintle of proper thickness may be used, in all cases adequate to transmit the load. Additional iron or steel cheek plates shall be placed between the cap and base plates, and bolted to the girders when required to transmit the loads with safety.

(3) When timber members of trusses are in compression or tension they shall be stressed in the direction of the fibre only.

(4) The working stress in timber struts of pin-connected trusses shall not exceed seventy-five per centum of the working stresses established in section 70 of this code.

(5) All bolts used in connection with timbers and wood beams shall be provided with washers of such proportions as will reduce the compression on the wood at the face of the washer to that allowed in section 70 of this code, supposing the bolt to be stressed to its limit.

SECTION 90.

Stud Partitions.

Where stud partitions rest directly over each other, and are not parallel with wood floor beams, they shall run down between the floor beams and rest on the top plate of the partition below, and shall have the studding filled in solid between the uprights, to the depth of the floor beams, with approved incombustible materials.

CHAPTER XVII.

EXCAVATIONS AND FOUNDATIONS.

SECTION 91.

Excavations.

(1) The person causing any excavation for a building to be made shall have the same property guarded and protected. Wherever necessary he shall properly sheath pile and at his own cost erect sufficient retaining wall to permanently support the adjoining earth. Such retaining wall shall be carried to the level of the adjoining earth and shall be properly coped.

(2) Whenever an excavation is not intended to be or shall not be carried to a depth of more than ten feet below the curb level, as defined in section 4, the owner of every adjoining or contiguous wall or structure shall protect the same, so that it shall be and remain as safe as before such excavation was begun. Such owner shall be permitted to enter upon the premises where the excavation is being made when necessary for this purpose.

(3) Whenever an excavation is intended to be or shall be carried to a depth of more than ten feet below the curb level, as defined in section 4, the person causing such excavation shall at all times from the beginning until the completion of the excavations, foundations, retaining walls or other structures to be built in such excavation, protect at his own expense every adjoining or contiguous wall or sturcture, and support the same by proper means. For this purpose he shall be afforded the necessary access to the adjoining premises. If access be denied by any owner of adjoining property, it shall be the duty of the person causing such excavation to notify the Superintendent of Buildings in writing to this effect. Thereafter it shall be the duty of the owner of the premises to which permission for access has been denied to make such adjoining wall or structure upon his premises safe, and to protect and support it by proper means so that the excavation may be made; and for this purpose he shall, when necessary, be permitted to enter upon the premises where the excavation is being made.

SECTION 92.

Foundations Adjoining Party Walls.

(1) In case an adjoining party wall is intended to be used by the person causing an excavation to be made, and the footings and foundations of such party wall are in good condition and sufficient for the uses of both the existing building and the new one, then and in such case the person causing the excavation to be made shall, at his own expense, preserve such party wall from injury and support the same by proper means, so that said party wall shall be and remain as safe as before the excavation was begun.

(2) In case the footings and foundations of any such party wall are not in good condition, or not sufficient for the uses of both the existing building and the new one, it shall be the duty of the person causing such excavation to be made to extend such defective or insufficient footing or foundation, or to replace same with a new footing or foundation. Such extended or new footing shall project on each side of the party line such a distance as to bring the centre of the footing under the centre of the wall, so that the total load upon the wall may be uniformly distributed over the area of the footing. In order that this may be done, the person causing the excavation to be made shall be allowed access to the adjoining premises.

(3) In case any excavation, or the removal of any existing building, shows any adjoining wall or structure to be unsafe at the time the excavation was begun, it shall be the duty of the person causing the excavation to be made, or the building to be removed, to forthwith report the fact, in writing, to the Superintendent of Buildings, who shall, upon the receipt of such notice from any person causing any excavation to be made, or any building to be removed, forthwith cause an inspection of such adjoining premises to be made, and if such inspection prove the aforesaid wall or structure to be unsafe, it shall be the duty of the Superintendent of Buildings, acting under the provisions of sections 7 and 145 of this code, to declare such wall or structure to be unsafe and cause the same to be repaired as therein provided.

(4) If the person whose duty it shall be to preserve or protect from injury any wall or structure, shall neglect or fail so to do within twenty-four hours after the receipt of a notice from the Superintendent of Buildings, then the Superintendent of Buildings shall enter upon the premises and employ such labor, and furnish such materials and take such steps as, in his judgment, may be necessary to make the premises safe and secure, or to prevent the same from becoming unsafe or dangerous, at the cost and expense of the person whose duty it is to keep the same safe and secure. Payment of such expenses shall be collected in the manner set forth in section 145 of this code.

SECTION 93.

Bearing Capacity of Soil.

(1) Applications filed in the Bureau of Buildings shall contain a statement of the character of the soil at the level of the footings. The Superintendent of Buildings shall be notified before any test is made of the sustaining power of the soil, so that he may be present or represented thereat. When doubt arises as to the safe sustaining power of the soil upon which a building is to be erected, the Superintendent of Buildings may order borings to be made, or he may order tests of the sustaining power of the soil to be made by and at the expense of the owner of the proposed building.

(2) In tests of the sustaining power of the soil the ultimate test load shall be one and one-half times the load which the soil is to actually bear when the building is completed. Measurements of the settlement shall begin as soon as one-tenth of the ultimate test load has been applied and shall be continued until a period of twenty-four hours shall have elapsed without increase of settlement under the ultimate load. On no soil shall the total allowable settlement after the application of one-tenth of the ultimate test load exceed one inch.

(3) In all cases where the foundation extends to a point less than five feet above the level of mean low water, or in any other case when required by the Superintendent of Buildings, test borings shall be made to ascertain the character of the material underlying the footings. Such test borings shall go either to rock or to a depth of at least twenty feet below the footing level. The Superintendent of Buildings, or his representatives, shall inspect the material, as disclosed by such borings, and shall fix and authorize, in accordance with the provisions of this code, the safe load which the soil may bear per unit of area at the footing level. The records of such borings or tests shall be filed in the Bureau of Buildings.

(4) In the absence of actual test of the sustaining power of the soil to the satisfaction of the Superintendent of Buildings, the area of the bearing footing shall be so proportioned that the load per square foot upon the respective characters of soil, shall not exceed those set forth in the following table:

Soil Under Footing.	Load in Tons.
Soft clay	1
Clay, sand or clay and sand together or in layers, wet and springy	2
Loam, clay or fine sand, firm and dry	3
Coarse sand, gravel, or sand and gravel	4

SECTION 94.

Foundations.

(1) Every building except those erected upon solid rock, or upon walls or piers on the water-front, shall have foundations of brick, stone, concrete, reinforced concrete, steel or iron. When the building is erected upon solid ground the foundations shall extend not less than four feet below the surface of the earth, except in those cases in which solid rock appears above that depth. When neither solid earth nor rock is found, piles of wood or of concrete may be used in accordance with section 97 of this code.

(2) Foundation walls shall be of stone, Portland cement concrete, iron or steel. If of rubble stone or concrete they shall be at least two feet thick, and for a depth of twelve feet below the curb level, at least eight inches thicker than the wall which rests upon them. For every additional ten feet, or fraction thereof, increase of depth, they shall be increased eight inches in thickness. If of brick they shall be for a depth of twelve feet below the curb level, at least four inches thicker than the wall which rests upon them. For every additional ten feet, or fraction thereof, increase of depth, they shall be increased four inches in thickness.

(3) Only Portland cement mortar shall be used in the construction of the footings and foundations of any building. No lime whatever shall be used under any conditions.

SECTION 95.

Piers Sunk to Rock or Hard Pan.

(1) When foundations are carried down through by piers of stone, brick or concrete in caissons, the load that the piers may carry shall be determined by the safe unit stresses allowed by this code on the respective materials, and by the safe carrying capacity of the material on which the piers rest.

(2) No allowance shall be made for steel imbedded in the piers. No timber of any kind shall remain in the permanent masonry.

(3) The excavations shall be kept free from water until the masonry of the piers has set. Free access shall be had at all times to examine the material on which the piers rest.

SECTION 96.

Footings.

(1) Foundation walls shall rest upon a footing course which shall be of footing stones, steel grillages, concrete, concrete reinforced with steel beams, or concrete steel construction. Wood footings may be used if they are entirely below the level of mean low water. The design of every footing shall be such that the stresses in the material's employed conform in all respects to the requirements of this code.

(2) Footings shall be so designed that the loads they sustain per unit of area shall be as nearly uniform as possible. The dead loads carried by the footings shall include the actual weight of the superstructure and foundations down to the bottom of the footing. All tanks or other receptacles for water shall be figured as being full of water. All vaults or similar built-in structures shall be considered parts of the building.

(3) In warehouses, stores and buildings not over one hundred and fifty feet high, used for light manufacturing, in which the live load on the floors is not over one hundred and fifty pounds per square foot, and in churches, school houses and places of public amusement or assembly, the live load carried by the foundation shall be not less than seventy-five per centum of the total live load upon the floors contributing thereto.

(4) In office buildings, hotels, dwellings, lodging houses, tenement houses and stables, the live load carried by the foundation shall not be less than sixty per centum of the total live load on the floors contributing thereto.

(5) The live load carried by the foundations of all other buildings shall not be less than that required to be carried by the lowest tier of columns or by the foundation walls.

(6) The area of the footing which has the largest percentage of live load to total load shall be determined by dividing the total load by the unit working stress, as stated in section 93. From the area thus calculated all the other footings of the building shall be proportioned according to the ratios of their respective dead loads only. In no case shall the load per square foot under any portion of any footing due to the combined dead, live and wind loads, exceed the safe sustaining power of the soil upon which the footing rests.

(7) Footing stones shall be not less than three feet long by two feet wide. Under walls their thickness shall be not less than one-fourth of their width, and in no case shall it be less than eight inches. Under piers, columns or posts the thickness of footing stones shall be not less than ten inches. The footing shall project a minimum distance of four and one-half inches beyond each side of any foundation wall, and six inches beyond each side of any pier. The footing shall be so designed that a line drawn from the outer edge of the wall or pier, at the bottom, to the outer edge of the footing, at the bottom, shall form an angle of not less than sixty degrees with a horizontal plane and shall lie within the masonry throughout its length. Footing stones shall be laid on their natural bed, crosswise, edge to edge and well bedded. No two adjacent vertical joints shall lie in the same plane.

(8) Concrete footings shall be not less than twelve inches thick and shall project not less than six inches beyond each side of any foundation wall, and twelve inches beyond each side of any pier.

(9) Stepped-up courses of brick laid upon either footing stones of concrete shall have offsets of one inch if laid in single courses, and two inches if laid in double courses. The offset of the lowest course of brick shall be equal to one-half the thickness of the footing stone or concrete base, so as to properly distribute the load throughout the same.

(10) If the nature of the ground and the character of the building are such as to make it necessary or advisable, the Superintendent of Buildings may require the use of isolated piers, instead of a continuous wall, as a support for the building. Between such piers suitable inverted arches shall be turned. These arches shall rest upon a proper bed of concrete. The thrust of the outer piers shall be taken up by suitable wrought iron or steel rods and plates.

(11) Where necessary, suitable grillage beams of steel, resting upon a bed of concrete, may be used. Such beams shall be fastened by bolts and separators and the grillage filled solid with concrete. All metal which forms parts of any footing or foundation shall be thoroughly protected from rust by concrete or by the use of other approved coating.

SECTION 97.

Wood and Concrete Piles.

Wood Piles.

(1) Wood piles shall be only of spruce, oak, longleaf or yellow pine, Norway pine or fir. They shall be sound and straight. The diameter at the butt shall not be less than ten inches, and the diameter at the point shall not be less than six inches. The length shall not exceed twenty-five times the diameter at the butt.

(2) They shall be driven to refusal if possible, and the method of driving shall be such as not to impair their strength. The centre to centre distance between piles shall be not more than thirty-six inches, nor less than three times the average butt diameter. If driven to refusal, a maximum load per pile of fifteen tons may be used unless the load be otherwise determined by test. If not driven to refusal the maximum load per pile shall not exceed ten tons.

(3) The Superintendent of Buildings shall be notified before any test is made of the sustaining power of piles, so that he may be present or represented thereat. When doubt arises in regard to the safe sustaining power of piles in the soil upon which a building is to be erected, the Superintendent of Buildings shall order test piles to be driven by or at the expense of the owner of the proposed building. The record of such test shall be filed in the office of the Superintendent of Buildings.

(4) The safe sustaining power, of a pile not driven to refusal, which shall in no case exceed ten tons, shall be determined by calculation based upon the following formula:

$$L=\frac{2\,W\,H}{P+1}$$

in which L=the allowable load in tons (maximum ten tons).
W=the weight of the hammer in tons,
H=the fall of the hammer in feet,
P=the penetration in inches under the last blow after the pile has sunk to a point where successive blows produce equal penetrations.

(5) Piles shall be cut off so that the tops are always below the level of mean low water. Concrete shall be rammed down in the interspaces between the heads of the piles to a depth of not less than twelve inches, and laterally for a distance of not less than twelve inches on each side of the rows of piles.

(6) Under frame buildings piles may be capped with timbers; the timbers shall be of sound, hard wood, not less than six inches thick and properly joined together. The tops of all such timbers shall be below the level of mean low water, except in the case of frame buildings built over the water or on soft meadow, or similar land, in which case piles may project above the water a sufficient distance to raise the building above high tide, and then the building may be placed directly thereon.

Concrete Piles.

(7) The mixture used for concrete piles shall be one part of Portland cement, two parts of sand and three parts of broken stone, which will pass through a ring three-quarters of an inch in diameter. The concrete shall be machine mixed.

(8) Steel reinforcement, which shall meet the approval of the Superintendent of Buildings, shall be provided to prevent failure by shear or bending. The steel reinforcement, when imbedded in the concrete, shall be protected by at least two inches of concrete. No allowance shall be made for steel reinforcement.

(9) The allowable bearing capacity of concrete piles shall be determined by the Superintendent of Buildings.

CHAPTER XVIII.

MASONRY.

SECTION 98.

Walls.

(1) The walls of every building, other than frame buildings, shall be of stone, brick, Portland cement concrete in bulk, blocks or reinforced, or of hollow tiles of dense, hard burnt clay or terra cotta, or other approved hard, incombustible material.

(2) Every building shall be enclosed on all sides with independent, or party walls.

(3) The walls and piers of every building of brick or stone shall be properly and solidly bonded with close joints filled with mortar. They shall be built to a line and carried up plumb and straight. The front, rear, side and party walls shall be properly bonded together.

(4) All brick laid in non-freezing weather shall be well wet before being laid. No brick, stone, concrete or mason work of any description shall be built when the temperature is below twenty-eight degrees Fahrenheit at the point where the work is in progress. No frozen materials shall be built upon.

(5) No wall of any building shall be carried up more than two stories in advance of any other portion of the walls of the building, except that in the case of wall bearing buildings the exterior walls may be carried up so that the interior iron or steel work shall not be, at any time, more than five stories in advance of the walls, but this provision shall not apply to buildings in which the walls are carried independently by girders at each floor. When not carried up at the same time, the perpendicular joint between the walls shall be made with four-inch offsets at every heading course, and have also iron or steel anchors at least every three feet in height. These anchors shall not be less than two-inch by one-fourth-inch metal, and shall be either bent up at the ends or have a cross-pin to form the anchorage. Anchors connecting front and rear walls with side or party walls shall extend not less than eight inches into the side or party wall, and not less than twelve inches into the front and rear walls.

(6) The walls and beams of every building during the erection or alteration thereof shall be strongly braced from the beams of each adjacent story, and when required shall also be braced from the outside until the building is enclosed.

(7) In every brick wall every sixth course shall be a heading course, except where walls are faced with brick in flemish or running bond, in which latter case every sixth course shall be bonded into the backing by cutting the course of the face brick and putting in diagonal headers behind the same, or by splitting the face brick in two and backing the same with a continuous row of headers. Where face brick is used of a different thickness from the brick used for backing, the courses of the exterior and interior brickwork shall be brought to a level bed at intervals of not more than ten courses in height of the face brick, and the face brick shall be properly tied to the backing by a heading course of the face brick. In running bond, approved metal wall ties may be used in place of the diagonal headers if placed not over four courses apart vertically and twenty inches horizontally.

(8) Face brick shall be laid at the same time as the backing, and shall in no case be laid after the backing is in place.

(9) No timber, except inside lintels, as described in section 113 of this Code, and brace blocks not over eight inches in length, shall be placed in any brick or masonry wall.

SECTION 99.

Piers.

(1) Every pier shall be built of dimension stone, stone concrete, or good, hard, well-burned brick. Stone or brick piers shall be laid in Portland cement mortar. Every exterior pier shall be securely anchored to the beams or girders at the level of each tier. The height of any isolated pier shall not be greater than ten times the least horizontal dimension of the pier.

(2) Every stone or brick pier less than nine square feet in cross-section, which supports any beam, girder, arch or column upon which a wall rests, or a lintel spanning an opening over ten feet wide on which a wall rests, shall have built into it, at vertical intervals of not more than thirty inches, steel plates five-sixteenths inch thick. Every steel plate shall have the same horizontal dimensions as the pier into which it is built.

(3) Every pier which supports a column or girder shall have immediately below the column or girder a suitable plate of steel or cast iron, to distribute the load over a sufficient area so that the permissible stress for the material supporting it, as determined in section 70 of this Code, will not be exceeded.

SECTION 100.

Stone Walls.

(1) Every stone wall shall have one header extending through the wall in every three feet in height and every three feet in length. All headers shall be good, flat stones, not less than twelve inches wide and eight inches thick.

(2) No stone shall be laid in any bearing wall in any other position than on its natural bed. No stone which does not bond or extend into the wall at least six inches shall be used. Stones shall be firmly bedded in mortar with all spaces and joints thoroughly filled.

(3) Walls built of dimension stone, with dressed level beds, shall have a thickness not less than that required for brick walls under similar conditions. Walls built of rubble stone shall have such increase of thickness over that specified for dimension stone walls as may be required by the Superintendent of Buildings. In no case shall the pressure per unit of area exceed that provided for in section 70 of this Code.

SECTION 101.

Ashlar.

(1) Stone used for the facing of any building, and known as ashlar, shall be not less than four inches thick. Stone ashlar shall be anchored to the backing, and except in skeleton structures the backing shall be of such thickness as to make the walls, independent of the ashlar, conform as to thickness with the requirements of the sections of this code, unless every alternate course be at least eight inches thick and bonded into the backing, and then four inches of it may be counted as part of the thickness of the wall. No wall faced with ashlar shall be less than twelve inches thick.

(2) Where terra cotta or other approved artificial material is used instead of stone ashlar, it shall not be less than four inches thick. It shall be properly and securely anchored to the backing, and not be counted as part of the thickness of the wall.

SECTION 102.

Mortar for Walls.

(1) Foundations and footings shall be laid in Portland cement mortar only.

(2) All parapet walls and chimneys above roofs, shall be laid in cement mortar, but this shall not prohibit the use, in freezing weather, of a small proportion of lime.

(3) All other brick walls may be laid in lime and cement mortar.

(4) All stone and hollow tile walls shall be laid in Portland cement mortar.

(5) The backing-up of all ashlar shall be laid up with cement mortar. The back face of ashlar may be parged with lime mortar.

SECTION 103.

Wall Thickness.

(1) The minimum thickness of all bearing walls shall be in accordance with the schedules below. In determining the thickness by means of these schedules, the height of the walls shall be measured to the point of support whether this be a foundation, a beam or a girder.

For Buildings of Classes A, B, E and F.

Height of Building.	Top Section. Thickness.	Top Section. Height.	Middle Section. Thickness.	Middle Section. Height.	Bottom Section. Thickness.	Bottom Section. Height.
75 ft. to 100 ft.	16 in.	25 ft.	20 in.	35 ft.	24 in.	40 ft.
60 ft. to 75 ft.	16 in.	50 ft.	20 in.	25 ft.	.....	.....
40 ft. to 60 ft.	12 in.	40 ft.	16 in.	20 ft.	.....	.....
40 ft. or less	12 in. throughout.					

For Buildings of Classes C and D.

Height of Building.	Top Section. Thickness.	Top Section. Height.	Middle Section. Thickness.	Middle Section. Height.	Bottom Section. Thickness.	Bottom Section. Height.
75 ft. to 100 ft.	12 in.	25 ft.	16 in.	35 ft.	20 in.	40 ft.
60 ft. to 75 ft.	12 in.	50 ft.	16 in.	25 ft.	....	....
50 ft. to 60 ft.	12 in.	50 ft.	16 in.	10 ft.	....	....
50 ft. or less.	12 in. throughout, except that in dwellings which are not more than thirty-six feet six inches in height, nor more than twenty feet in width, nor more than fifty-five feet in length the side or party wall shall be not less than eight inches thick and the front and rear walls not less than twelve inches thick.					

(2) Walls of hollow tile may be used as leaning walls in buildings not exceeding 50 feet in height and the thickness of such walls shall be as required for brick walls by the provisions of this section.

Thickness of Hollow Tile Walls.

(3) Walls of hollow tile may be used as bearing walls in buildings which do not exceed fifty feet in height. The thickness of such walls shall be as required for brick walls by the provisions of this section.

Increased Thickness of Walls.

(3) When the height of any wall exceeds one hundred feet, it shall be increased in thickness in general accordance with the above schedules as shall be approved by the Superintendent of Buildings.

(4) When the clear span is greater than twenty-five feet, the thickness of bearing walls shall be increased four inches over that set forth in the above schedules for every twelve and one-half feet or fraction thereof that the said span exceeds twenty-five feet; or shall have in lieu of this increase of thickness, such piers or buttresses as the Superintendent of Buildings may direct.

(5) Every bearing wall faced with brick laid in running bond shall be four inches thicker than specified in the foregoing schedules.

(6) If any horizontal section through any part of any bearing wall shows more than thirty per centum area of flues and openings, such wall shall be increased in thickness by four inches for every fifteen per centum, or fraction thereof, by which the total area of flues and openings exceeds thirty per centum.

(7) In all buildings, walls over one hundred and five feet in length shall be four inches thicker throughout than is required by this code, unless they are properly braced by cross walls, piers, buttresses or similar means.

Thickness of Nonbearing Walls.

(8) The thickness of nonbearing walls may be four inches less than that of bearing walls, provided that no nonbearing wall is less than twelve inches thick and extends for more than fifty feet in height without an increase of thickness.

SECTION 104.

Enclosure Walls for Skeleton Structures.

Section 104. In skeleton structures the enclosure walls shall be supported by steel girders at each story and be not less than twelve inches thick, laid in cement mortar and thoroughly anchored to the steel work. When the vertical distance between spporting girders exceeds fifteen feet the thickness of the wall shall be increased four inches for each fifteen feet or fraction therof that the said vertical distance exceeds fifteen feet. Such walls shall be of brick, stone, stone concrete; hollow tile, as specified in section 107 of this code, may be used if such hollow tile shall be faced with four inches of brick or stone ashlar to which facing they shall be securely bonded so that the total thickness shall be not less than twelve inches.

SECTION 105.

Curtain Walls.

Curtain walls shall be taken to mean non-bearing walls built between piers or iron or steel columns. They shall be laid in cement mortar, and be not less than twelve inches thick for the uppermost forty feet thereof, or nearest tier of beams to that height, and increased four inches for the lower section of forty feet, or nearest tier of beams to that height; and thence downward the thickness of walls shall increase as prescribed in section 103 of this code. When such walls are used, the foundations of the buildings shall be so designed that the load from the columns and the load of the walls are carried together.

SECTION 106.

Parapet Walls.

All exterior and division or party walls over fifteen feet high, excepting where such walls are to be finished with cornices, gutters or crown mouldings, shall have parapet walls not less than eight inches in thickness carried two feet above the roof. In warehouses, factories, stores and other buildings used for commercial or manufacturing purposes the parapet walls shall be not less than twelve inches in thickness carried three feet above the roof. All such walls shall be coped with stone, terra cotta, cast iron or other approved material.

SECTION 107.

Hollow Walls.

Walls of Hollow Tile.

(1) Hollow tile used in walls shall be of dense, hard burnt clay or terra cotta and shall have an average ultimate compression strength of not less than 3,600 pounds per square inch of net sectional area and the total area of the cellular spaces shall not exceed fifty-five per centum of the end cross-section. The thickness of the walls shall be as specified in section 103 of this code.

(2) When hollow tile walls are exposed to the weather the hollow tile must either be vitrified in burning, veneered with brick or stone ashlar to which it shall be securely bonded, or coated with not less than one inch of Portland cement stucco. To receive such coating the blocks shall be scored with dovetailed grooves.

(3) Whenever a girder or a beam transmits to a hollow tile wall a load of more than two tons or a lintel is more than five feet long such girder, beam or lintel shall rest upon a tile which has been filled solidly with Portland cement concrete or upon a suitable metal plate. No hollow tile shall be loaded in excess of 250 pounds per square inch of net sectional area, when set on end, or of 150 pounds per square inch when set on the side.

(4) When hollow tile walls are decreased in thickness the tiles in the top course of the thicker wall shall be filled with Portland cement concrete.

SECTION 108.

Walls of One-Story Brick Buildings.

One-story structures not exceeding a height of fifteen feet may be built with eight-inch walls when the bearing walls are not more than nineteen feet apart, and the length of the eight-inch bearing walls does not exceed fifty-five feet. One-story and basement extensions to dwellings may be built with eight-inch walls when not over twenty feet wide, twenty feet deep and fifteen feet high.

SECTION 109.

Walls of Buildings Raised, Lowered or Altered.

(1) Within the fire limits no brick dwelling-house with eight-inch walls, already erected, that has a peaked roof, shall be raised for the purpose of making a flat roof thereon, unless the addition to the exterior walls be of brick, and unless the new roof be covered with fireproof material. The building, when so raised, shall not exceed thirty-six feet six inches in height.

(2) No brick building within the fire limits shall be enlarged or built upon unless the addition to the exterior walls be of approved incombustible materials.

SECTION 110.

Existing Walls.

(1) Existing Party Walls—Walls heretofore built for or used as party walls, the thickness of which was at the time of their erection in accordance with the requirements of the existing laws, which are in good condition but are not in accordance with the requirements of this code, may be used at the discretion of the Superintendent of Buildings for the ordinary uses of party walls provided the height of the same be not increased.

(2) Lining Existing Walls—Should it be desired to increase the height of existing party or independent walls, which are less in thickness than required under this code, this shall be done by lining with brickwork to form a combined thickness with the old wall of not less than four inches more than the thickness required for a new wall corresponding with the total height of the wall when so increased in height. The said lining shall be supported on proper foundations and carried up to such height as the Superintendent of Buildings may require. No lining shall be less than eight inches in thickness, and all linings shall be laid up in cement mortar and thoroughly anchored to the old brick walls with suitable wrought-iron anchors, placed two feet apart and properly fastened or driven into the old walls in rows alternating vertically and horizontally with each other, the old walls being first cleaned of plaster or other coatings where any lining is to be built against the same. No rubble wall shall be lined until it has been approved by the Superintendent of Buildings.

SECTION 111.

Furred Walls, Hollow Walls and Studded-off Spaces.

s (1) The inside four inches of all walls may be built of hard burned hollow brick, the dimensions of ordinary brick, properly tied and bonded into the walls. Hollow tiles of porous terra cotta used as lining or furring shall not be considered to form part of the required thickness of any wall.

(2) In all walls furred with wood the masonry between the ends of wood beams shall project the thickness of the furring beyond the inner face of the wall for the full depth of the beams. In cases where floor beams are parallel to a wall furred with

Hollow Walls.

(3) In all hollow walls the same net horizontal section of stone, brick or concrete shall be used as if they were solid. The parts of hollow walls shall be connected by proper ties of brick, stone, iron or other approved metal, placed not over twenty-four inches apart, horizontally and vertically. Metal ties shall have the ends bent at right angles and be not less than one inch wide by one-quarter inch thick, and shall extend into the wall on each side not less than four inches.

Studded-off Spaces.

(4) Where walls are studded off, unless fire-stops are provided as called for in this section, the space between the inside face of the wall and the studding at the floor level shall be fire-stopped with approved fireproof material. The beams directly ovr the studded-off space shall be deafened with not less than six inches of such material, which shall be laid on boards cut in between the beams. The under side of such beams shall be protected by a covering of metal lath, or other approved fireproof materials, and plaster.

SECTION 112.

Recesses and Chases in Walls.

(1) There may be in foundation or cellar walls such recesses for stairways or elevators as the Superintendent of Buildings may approve, and such reinforcement as he may require to compensate for the diminished thickness of the walls shall be provided. The brick backing of recesses for alcoves and similar spaces shall be not less than eight inches thick. The recesses shall be not more than eight feet in width, and arched or spanned over with iron or steel lintels, and carried not higher than eighteen inches below the bottom of the beams of the floor next above.

(2) No chase for water or other pipes shall be made in any wall more than one-third of its thickness. No horizontal recess or chase which exceeds four feet in length shall be allowed in any wall. The aggregate area of recesses and chases in any wall shall not exceed one-fourth of the whole area of the face of the wall on any story, nor shall any such recess be made within a distance of six feet from any other recess in the same wall. There shall be no chase in any pier.

SECTION 113.

Arches and Lintels.

(1) Openings for doors and windows in all buildings shall have arches of stone, brick or terra cotta, well built and keyed, or lintels of stone, iron or steel, of sufficient strength, which shall have a bearing at each end of not less than five inches on the wall. On the inside of all openings in non-fireproof buildings in which lintels shall be less than the thickness of the wall to be supported, there may be timber lintels, which shall rest at each end not more than three inches on any wall, and be chamfered at each end or cut to true arch shape on top. A suitable rowlock or keyed arch shall be turned over the timber lintel. Or the inside lintel may be of cast iron, or steel, and in such case plates shall not be required at the ends where the lintel rests on the walls, provided the opening is not more than six feet in width.

(2) All masonry arches shall be capable of sustaining the weight and pressure which they are designed to carry, and the stress at any point shall not exceed the working stress for the material used, as given in section 70 of this code. Tie rods shall be used where necessary to secure stability.

CHAPTER XIX.

FIREPROOFING AND FIREPROOF BUILDINGS.

SECTION 114.

Fireproofing of Wall Columns and Girders.

(1) All columns which support the steel girders, which carry enclosure walls, and all columns which are built into walls and support floors only, shall be protected against fire by a casing of masonry, which shall be not less than eight inches in thickness on the outer surfaces, and not less than four inches on the inner surfaces, and be well bonded into the masonry of the enclosure walls.

(2) The exposed surfaces of the wall girders shall have a similar casing of masonry not less than four inches in thickness on the outer surfaces and tied and bonded, but the extreme outer edges of the flanges of beams or plates or angles connected to the beams may project to within two inches of the outside surface of the masonry casing. The inside surfaces of the girders shall be similarly covered with masonry, or, if projecting inside the walls, they shall be protected by concrete, terra cotta or other approved fireproof material.

SECTION 115.

Fireproof Buildings.

(1) The enclosure walls of every fireproof approved building hereafter erected or altered shall be constructed as specified in section 104 of this code. Wood shall not be permanently placed in such walls except as provided below. The floor and roof construction shall be as provided for in sections 116, 117, 121 and 122 of this code.

(2) The space between the floor arches or slabs and the floor finish shall be filled with concrete, consisting of one part of Portland cement and not more than ten parts of cinders, stone, gravel, slag, brick or tile, conforming in all respects to the requirements for these materials as set forth in paragraphs (3) and (4) respectively, of section 116 of this code.

(3) All stairwells, elevator wells, *public halls and public corridors,* shall be enclosed and separated from the rest of the floor space by fireproof enclosures, with floor surfaces of stone, cement, tiling, rock asphalt or other approved incombustible material, and approved metal or metal covered doors, trim and sash, having wire glass where glass is used. Such partitions as are used shall be built in accordance with the provisions of section 120 of this code. The stairs and staircase landings shall be of brick, terra cotta, stone, Portland cement concrete, iron, steel or other approved incombustible material.

(4) No woodwork or other combustible material shall be used in any partition, furring or ceiling of a fireproof building, except that when the height of the building does not exceed one hundred feet, grounds, bucks for fastening trim in place, nailing blocks, sleepers, flooring, doors, window sash with their frames, trim and casings, and the interior finish when backed solidly with fireproof material may be of wood.

(5) Every fireproof building of Classes A, B, C, E and F exceeding one hundred feet in height hereafter erected and those buildings of Class D which exceed one hundred fifty feet in height hereafter erected, floor surfaces shall be finished with stone, cement, tiling, rock asphalt or similar incombustible material, or the sleepers and floors may be of wood treated by some process approved by the Superintendent of Buildings to render the same fireproof. All window frames and sash, both inside and outside, doors, trim and other interior finish shall be of metal or metal covered, or of wood treated by some process approved by the Superintendent of Buildings to render same fireproof.

SECTION 116.

Fireproofing of Buildings More Than 100 Feet in Height.

(1) The fireproofing of every building hereafter erected which is more than one hundred feet in height, and every building of Class E which exceeds seventy-five feet in height, shall be in accordance with the requirements of this section.

(2) The fireproof construction between steel floor and roof beams, except as hereinafter provided, shall consist of segmental arches of stone concrete, cinder concrete, brick or hollow tile of hard burnt clay or semi-porous or porous terra cotta. Such arches shall be designed to carry the imposed loads with a factor of safety of not less than six, and shall have a rise of not less than three-fourths of an inch for each foot of span between the beams. In every building in which the live load per square foot of floor area exceeds 150 pounds per square foot, only segmental arches shall be installed.

(3) Segmental arches of stone concrete shall be not less than four inches in thickness at the crown. The concrete shall consist of one part of Portland cement, two parts of sand and four parts of gravel or crushed stone, slag, brick or tile, passing through a one-inch ring. All materials shall be measured and well mixed.

(4) Segmental arches of cinder concrete shall be not less than four inches in thickness at the crown. Cinder concrete shall consist of one part of Portland cement, two parts of sand and four parts of good, clean, anthracite steam boiler cinders.

Cinders shall be thoroughly screened before delivery at the building in which they are to be used. The ash, dust and refuse which shall pass through a screen of one-quarter inch mesh shall be rejected and shall not be used in the concrete. All materials shall be measured and well mixed.

(5) The stone concrete arches and cinder concrete arches provided for in paragraphs (3) and (4) of this section shall spring from the lower flanges of the beams and have a rise of not less than three-quarters of an inch for each foot of span between the beams. The top surfaces of these arches shall be flat. The arches shall in all cases be reinforced at or near the underside by steel rods, tees, angles, channels, expanded metal or wire mesh. The reinforcing metal shall weigh not less than one pound per square foot of floor area, shall be segmental in form and be supported on the lower flange of the floor beams. If the reinforcing metal is in the form of steel rods, bars, tees, angles or channels, they shall be spaced not over twelve inches centre to centre and shall be held in position by ties or separators at intervals not exceeding every two feet of their length. Said ties or separators shall be made from steel stock weighing not less than one-fifth of a pound per linear foot.

(6) Segmental arches of brick shall have a thickness of not less than four inches for spans of five feet or less, and eight inches for spans exceeding five feet and not exceeding eight feet. Brick arches shall be composed of good, hard, common or hollow brick or porous terra cotta without cellular spaces, the brick to be laid to a line on the centres and properly and solidly bonded. Each longitudinal line of brick shall break joints with the adjoining lines. The arches shall spring from suitably designed solid skewbacks made of the same materials as the arches, and be properly keyed. The brick shall be well wetted before laying, and the joints filled in solid with Portland cement mortar consisting of one part cement and three parts of sand.

(7) Segmantal arches of hollow tile of hard burned clay, semi-porous or porous terra cotta, shall be of uniform density and hardness of burn, shall have sufficient depth between the top and bottom surfaces to carry the load to be imposed thereon without stressing the material beyond its safe working load. Such arches shall be laid in Portland cement mortar as specified in paragraph (6) and shall be properly keyed and shall be not less than six inches in depth, with at least two cellular spaces in said depth.

(8) Fireproof construction between steel floor and roof beams may be in the form of hollow tile flat arches, of hard burned clay, semi-porous or porous terra cotta, having a depth of not less than one and one-half inches for each foot of span between the beams, this not to include any portion of the depth of tile that projects below the underside of the beams. The total depth shall in no case be less than nine inches, except that where end construction arches are reinforced with metal fabric weighing not less than three ounces per square foot of floor area, then the total depth of arch may be six inches in spans up to six feet, and eight inches in spans from six feet to eight feet. Said reinforcement shall be imbedded in the mortar joints between the blocks in a direction at right angles to the supporting beams. Such arches shall be laid in Portland cement mortar as specified in paragraph (6) and be properly keyed.

(9) The shell of every arch block shall be not less than three-fourths of an inch in thickness, and every web shall be not less than five-eights of an inch in thickness. Every arch block shall have at least one continuous horizontal internal web for each each five inches of depth, and at least one continuous vertical internal web for each four inches in width. There shall be rounded fillets at all internal intersections.

(10) The skewbacks of hollow tile arches shall be of such form and section as to accurately fit the beams and properly receive the thrust of the arches, and shall have shells and webs not less than three-quarters of an inch in thickness.

(11) Fireproof construction between steel floor and roof beams may be in the form of flat arches or slabs of stone concrete of the materials as specified in paragraph (3) of this section, or of cinder concrete of the materials specified in paragraph (4) of this section. All materials shall be measured and well mixed, thoroughly wet and thoroughly tamped in place, so as to make a dense, homogeneous mass which shall be free from voids.

(12) Flat arches or slabs of stone concrete and flat arches or slabs of cinder concrete shall in all cases be reinforced with steel rods or bars, reticulated or meshed steel. In no case shall such reinforcing metal weigh less than one pound per square foot of floor area. The bottom of the reinforcing metal shall be one inch from the lower side of the concrete slab.

(13) If the reinforcing metal is in the form of rods or bars, they shall be spaced not more than twelve inches centre to centre, and shall be held in position by separators or ties at intervals not exceeding every two feet of the length of the bar or rod. Said separators or ties shall be made from steel stock weighing not less than two-tenths of a pound per linear foot. The rods or bars shall be secured to the beams by bending their ends around the flanges of the beams or hung therefrom by suitable hangers spaced not more than twelve inches centre to centre and made from steel stock weighing not less than four-tenths of a pound per linear foot. If the reinforcing metal is in the form of reticulated or meshed steel, it shall have no openings smaller than six square inches, and shall be secured to the flange of each beam by means of clamps which shall hoog around both sides of the flange, and be spaced not over sixteen inches centre to centre and made from steel stock weighing not less than four-tenths of a pound per linear foot.

(14) The depth of flat arches of stone or cinder concrete shall be not less than seven-tenths of one inch for each foot of span between the beams, this not to include any portion of the slab projecting below the lower side of the reinforcing steel. The total depth shall in no case be less than four and one-half inches.

(15) In every mansard or similar roof which has a pitch of more than thirty degrees and in which frames or purlins are spaced not more than twenty-five inches on centres, the space between these steel frames or purlins shall be filled with slabs of stone or cinder concrete or with hollow tiles of hard-burned clat or porous terra cotta. The thickness of the fireproofing filling shall be not less than three inches. The lower faces of the steel frames shall be protected by not less than one inch of fireproof material.

(16) All other metal structural members which support loads or resist stresses and are not covered by brickwork to a minimum thickness of four inches or by stone masonry to a thickness of eight inches shall be fireproofed as follows: The protection of columns shall consist of concrete as defined for floors, filled solidly around the columns, or of brick as defined for floors laid in Portland cement mortar, with Portland cement mortar or cinder or stone concrete filled in solidly so as to leave no voids or spaces between the brick and the columns, or of four-inch porous terra cotta hollow blocks with shells and webs one inch in thickness. The blocks shall be accurately fitted, laid in Portland cement mortar, and the space between the terra cotta blocks and the steel shall be filled in solidly with Portland cement mortar or cinder or stone concrete. Galvanized wire, not smaller than number twelve gauge, shall be securely wound around hollow tile column coverings so that every block is crossed at least by the wire. In every case the column protection, whether of brick, concrete or terra cotta, shall cover the columns at all points to a thickness of not less than four inches and be continuous from the base to the top of the column. The extreme outer edges of lugs, brackets and similar supporting metal may project to within one inch of the outer surface of the protection.

(17) No pipes, wires, cables or other material shall be incased within or embedded in the fireproof protection of columns or other structural members.

(18) The protection of the webs and bottom flanges of girders and all members of trusses shall be of concrete, as defined for floors, brick or porous terra cotta, and shall be not less than three inches thick at all points. The protection of the webs and bottom flanges of beams, lintels and other lesser structural members which support loads or resist stresses and project above or below the arches, shall be not less than two inches in thickness at any point, and shall be of the same fireproof material as the floor construction. The bottom flanges of all floor beams, not projecting below the arches, shall be protected by not less than one and one-half inches of the arch material. If of hollow tile, the protection shall consist of lugs forming part of the skewbacks, and extending around the lower flange of the beam and meeting at the centre; or of tile slabs held in position by dove-tailed lugs projecting from the skewbacks, all to be laid and jointed with Portland cement mortar. The fireproof protection of all these structural members, if of concrete, shall be held in position by suitable designed interior steel anchors, hooked rigidly around the flanges or angles of the structural members and spaced not over sixteen inches apart; these anchors shall be made with hooked ends from steel stock weighing not less than four-tenths of a pound per linear foot and shall extend to within one inch of the outside surface of the concrete.

Section 117.

Fireproofing of Buildings 100 Feet or Less in Height.

(1) The fireproofing of every building which is one hundred feet or less in height, except those buildings of Class E which are more than seventy-five feet in height, shall be in accordance either with the requirements of section 116 or with the requirements of this section.

(2) The depth of flat arches or slabs of stone concrete or cinder concrete, shall be not less than one-half of one inch for each foot of span between the beams, this not to include any portion of the slab projecting below the lower side of the reinforcing metal. The total depth shall in no case be less than four inches.

(3) The stone concrete and cinder concrete used in said flat arches shall conform in all respects to the requirements for these materials set forth in paragraph (11) of section 116. The metal reinforcement shall conform in all respects to the requirements as to type, weight, position in the slab and manner of fastening in place, set forth in paragraphs (12) and (13) of section 116.

(4) The depth of flat arches of hollow tile of hard burnt clay or semi-porous or porous terra cotta shall be not less than one and one-quarter inches for each foot of span between the beams, this not to include any portion of the depth of tile projecting below the underside of the beams. The total depth shall be in no case, except as provided in paragraph (8) of section 116, be less than eight inches.

(5) The hollow tiles used in said flat arches shall be laid in Portland cement mortar and shall conform in all respects to the requirements as to dimensions and construction set forth in paragraphs (9) and (10) of section 116.

(6) All other metal structural members which support loads or resist stresses, and which are not covered by brick or stone masonry to a thickness of four inches, shall be fireproofed as follows: The columns and girders shall be protected in the same manner as specified in section 116, except that the thickness of the concrete, brick or hollow tile or porous terra cotta protection of the columns and girders shall be not less than two inches, and at the extreme outer edges of lugs, brackets and similar supporting steel not less than one inch. The shells and webs of terra cotta blocks shall be not less than three-fourths of an inch in thickness. The blocks shall be accurately fitted and laid in Portland cement mortar and the spaces between the blocks and columns shall be filled solidly with Portland cement mortar stone or cinder concrete.

(7) Columns may also be protected by a double layer of metal lath and plaster, as follows: The columns shall be wrapped with metal lath weighing not less than five ounces per square foot, corrugated or with metal furring, so as to offset the metal lath at least three-quarters of an inch from the surface to be protected, the ends of the lath to be thoroughly secured by lapping and lacing with number eighteen galvanized steel wire. Plaster gauged with twenty-five per cent. of Portland cement shall then be applied to a minimum thickness of one inch, filling the space solidly between the metal lath and the column. Over this first layer of metal lath and plaster shall be constructed a second layer of metal lath and plaster, similar in every respect to the first layer, except that the corrugation or metal furring shall offset the metal lath at least one and one-half inches from the outside surface of the first layer, and that the first coat of cement plaster of the second layer shall be not less than three-quarters of an inch in thickness. The brown coat and the finishing coat may be of the same material as is used in the finishing of other portions of the building.

(8) No pipes, wires, cables or other material shall be encased within or imbedded in the fireproof protection of columns or other structural members.

(9) The protection of the webs and bottom flanges of girders and all members of trusses shall be of concrete, as defined for floors, brick or porous terra cotta, and shall be not less than two inches thick at all points. The protection of the webs and bottom flanges of beams, lintels and other lesser structural members which support loads or resist stresses and project above or below the arches, shall be not less than one and one-half inches in thickness at any point, and shall be of the same fireproof material as the floor construction. The bottom flanges of all floor beams, not projecting below the arches, shall be protected by not less than one inch of the arch material. If of hollow tile, the protection shall consist of lugs forming part of the skewbacks, and extending around the lower flange of the beam and meeting at the centre; or of tile slabs held in position by dovetailed lugs projecting from the skewbacks, all to be laid and jointed with Portland cement mortar. The fireproof protection of all the above structural members, if of concrete, shall be held in position by suitably designed interior steel anchors, hooked rigidly around the flanges or angles of the structural members and spaced not over sixteen inches apart; these anchors shall be made with hooked ends from steel stock weighing not less than four-tenths of a pound per linear foot and shall extend to within one-half inch of the outside surface of the concrete.

Section 118.

Tests of Fireproofing.

(1) Whenever required by the Superintendent of Buildings, the owner or contractor, at his own expense, shall make load or other tests to determine the efficiency of the fireproof construction in course of installation in any building. The floor arches shall in all cases develop a strength in thirty days equal to six times the live load they were designed to support. The loads shall consist of such materials and be so placed as to form a uniformly distributed load over the entire area to be tested without transmitting the loads to the supports, and in case sand or similar material is to be used for loading it shall be in bulk and loose and not in sacks or packages of any kind. The section to be tested shall be not less than a square, one side of which is equal to the distance between the beams. The test sections shall be cut apart from the rest of the flooring before the load is applied. Fireproof flooring cracking, collapsing or otherwise failing to develop the strength herein required, when tested as herein provided, shall be condemned by the Superintendent of Buildings and shall be replaced within ten days by the owner or contractor with floors of the required strength.

Section 119.

Fireproofing, Miscellaneous Provisions.

(1) All metal lath and plaster ceilings shall be supported by hangers or clamps attached to the floor and roof beams. Hangers shall be made from steel stock weighing not less than one-half pound per linear foot, and be slotted or provided with square shoulders to support the furring bars. A sufficient number shall be provided so that not more than ten square feet of ceiling area will be supported by any single hanger. These hangers or supports shall be fastened around both sides of the bottom flanges of steel beams or girders, and shall be attached to them before the concrete or other protection is placed. The furring bars to support the metal lath and plaster shall be spaced not over sixteen inches apart, and shall be of such section and weight as will support the wet plaster without deflecting more than one-thirtieth of an inch per foot of span, and shall in no case weigh less than one-half pound per linear foot.

(2) All wire metal lath shall be of suitable mesh to retain and form a key for the plaster and shall weigh not less than five ounces per square foot. The metal lath shall be laced to the furring at intervals not exceeding eight inches with No. 18 galvanized steel lacing wire.

(3) All metal work, including hangers, furring bars and metal lath, when not galvanized, shall be painted with one coat of paint before erection.

(4) Where the fireproofing of columns is exposed to damage from the trucking or handling of merchandise, such fireproofing shall be jacketed on the outside for a height of not less than four feet from the floor with approved metal covering.

(5) Temporary centering, when used in placing fireproofing, shall not be removed until such time as the cementing material or concrete has thoroughly set. Openings through fireproof floors for pipes, conduits and similar purposes shall be shown on the plans filed in the Bureau of Buildings. After the floors are constructed, no opening greater than twelve inches square shall be cut through said floors unless steel frames supported by beams or girders are provided around the opening. After the pipes or conduits are in place, all openings shall be filled in with fireproof material.

(6) No defective or damaged fireproofing materials shall be used. No cutting into or breaking away of fireproofing for anchors or supports for ceilings, ornamental plaster work, marble or other interior finish or any other purpose, shall be permitted. All fireproof construction injured or damaged after being erected shall be repaired to the satisfaction of the Superintendent of Buildings before any filling or finish is placed over same.

(7) Steel or iron columns, beams or girders, not otherwise herein provided for, which support any wall or masonry, shall be fireproofed as described in section 117 of this code.

SECTION 118.

Tests of Fireproofing.

(1) Whenever required by the Superintendent of Buildings, the owner or contractor, at his own expense, shall make load or other tests to determine the efficiency of the fireproof floor construction which has been installed in any building. The floor arches shall in all cases develop a strength in thirty days equal to six times the load they were designed to support. The loads shall consist of such materials and be so placed as to form a uniformly distributed load over the entire area to be tested without transmitting the loads to the supports, and in case sand or similar material is to be used for loading it shall be in bulk and loose and not in sacks or packages of any kind. The section to be tested shall be the entire bay or area between the centres of two adjacent beams in one direction, and between two adjacent girders, or a wall and a girder, in a direction perpendicular to the first. Fireproof floors failing to develop the strength herein required shall be condemned by the Superintendent of Buildings and shall be replaced by the owner or the contractor by floors of the required strength.

SECTION 119.

Fireproofing, Miscellaneous Provisions.

(1) All metal lath and plaster ceilings shall be supported by hangers or clamps attached to the floor and roof beams. Hangers shall be made from steel stock weighing not less than one-half pound per linear foot, and be slotted or provided with square shoulders to support the furring bars. A sufficient number shall be provided so that not more than ten square feet of ceiling area will be supported by any single hanger. These hangers or supports shall be fastened around both sides of the bottom flanges of steel beams or girders, and shall be attached to them before the concrete or other protection is placed. The furring bars to support the metal lath and plaster shall be spaced not over sixteen inches aaprt, and shall be of such section and weight as will support the wet plaster without deflecting more than one-thirtieth of an inch per foot of span, and shall in no case weigh less than one-half pound per linear foot.

(2) All wire or metal lath shall be of suitable mesh and retain and form a key for the plaster and shall weigh not less than five ounces per square foot. The metal lath shall be laced to the furring at intervals not exceeding eight inches with No. 18 galvanized steel lacing wire.

(3) All metal work, including hangers, furring bars and metal lath, shall be painted with one coat of approved paint before erection.

(4) Where the fireprooofing of columns is exposed to damage from the trucking or handling of merchandise, such fireproofing shall be jacketed on the outside for a height of not less than four feet from the floor with approved metal covering.

(5) Temporary centering, when used in placing fireprooofing, shall not be removed until such time as the cementing material or concrete has thoroughly set. Openings through fireproof floors for pipes, conduits and similar purposes shall be shown on the plans filed in the Bureau of Buildings. After the floors are constructed, no opening greater than twelve inches square shall be cut through said floors *unless steel frames supported by beams or girders are provided around the opening.* After the pipes or conduits are in place, all openings shall be filled in with fireproof material.

(6) No defective or damaged fireproofing materials shall be used. No cutting into or breaking away of fireproofing for anchors or supports for ceilings, ornamental plaster work, marble or other interior finish or any other purpose, shall be permitted. All fireproof construction injured or damaged after being erected shall be repaired to the satisfaction of the Superintendent of Buildings before any filling or finish is placed over same.

(7) Steel or iron columns, beams or girders, not otherwise herein provided for, which support any wall or masonry, shall be fireproofed as described in section 117 of this code.

SECTION 120.

Fireproof Partitions.

(1) All partitions in fireproof buildings shall be of fireproof material. The height in feet to which partitions of different materials may be built and their corresponding minimum thickness shall be as follows:

	Feet.
Brick, 8 inches thick	30
Brick, 4 inches thick	18
Reinforced concrete, 6 inches thick	30
Reinforced concrete, 4 inches thick	24
Reinforced concrete, 3 inches thick	20
Metal lath and plaster, 4 inches thick	20
Metal lath and plaster, 2 inches thick	12
Hollow blocks of hard burned clay or porous terra cotta 6 inches thick	24
Hollow blocks of hard burned clay or porous terra cotta 4 inches thick	20
Hollow blocks of hard burned clay or porous terra cotta 3 inches thick	12

(2) The reinforcing metal or studs of partitions shall be rigidly secured or anchored at the top and bottom or at ends.

(3) Concrete shall be as specified for floors in section 116 of this code. Metal studding for metal lath and plaster partitions two inches thick shall weigh not less than one-half pound per linear foot of stud, and for metal lath and plaster partitions four inches thick shall weigh not less than one pound per linear foot of stud. The studs shall not be spaced more than eighteen inches centre to centre. Metal lath for partitions shall weigh not less than five ounces per square foot.

(4) Fireproof partitions shall in all cases have sufficient bearing on the fireproof floors, supporting steel or other incombustible material, to carry the weight of said partitions. Their weight shall in no case be supported by wood sleepers or floor boards. in buildings with metal lath and plaster ceilings the partitions shall in no case penetrate the ceilings but shall be built snugly to the underside of the metal lath surface.

(5) Brick and block partitions shall be built with Portland cement mortar consisting of one part Portland cement and three parts of sand.

CHAPTER XX.

REINFORCED CONCRETE CONSTRUCTION.

SECTION 121.

Reinforced Concrete.

(1) The term reinforced concrete shall mean an approved concrete mixture reinforced by steel of any shape, so combined that the concrete will take up the compression stresses and the steel the tension stresses and assist in the resistance to shear.

(2) The concrete shall consist of one part of Portland cement, two parts of sand and four parts of crushed stone or gravel, materials to be measured. The concrete used in reinforced concrete construction shall be what is usually known as a "wet" mixture.

(3) All cement used in reinforced concrete shall be Portland cement conforming to the requirements of section 62 of this code.

(4) The sand shall meet the requirements of section 60 of this code.

(5) The crushed stone or gravel shall be clean, pass through a three-quarter inch ring, and conform in every respect to the requirements of section 64 of this code. Any other material than that specified, shall first be submitted to and approved by the Superintendent of Buildings.

(6) The steel used in reinforced concrete shall meet the requirements for structural steel given in section 66 of this code.

SECTION 122.

Working Stresses and Requirements.

(1) Reinforced concrete buildings shall be so designed that the stresses in the concrete and the steel shall not exceed the following limits:

	Pounds.
Extreme fibre stress on concrete in compression, per square inch	550
Shearing stress in concrete, per square inch	75
Concrete in direct compression, per square inch	400
Tensile stress in steel, per square inch	16,000
Shearing strees in steel, per square inch	10,000

(2) The ratio of the moduli of elasticity of concrete and steel shall be taken as one to twelve.

(3) The following assumptions shall guide in the determination of the bending moments due to the external forces in reinforced concrete buildings. Beams and girders shall be considered as simply supported at the ends, no allowance being made for continuous construction over supports. Floor slabs, when constructed continuous and when provided with reinforcement at top of plate over the supports, may be treated as continuous beams, the bending moment for uniformity distributed loads being taken at not less than $\frac{WL}{10}$; the bending moment may be taken at $\frac{WL}{20}$ in the case of square floor slabs which are reinforced in both directions and supported on all sides by concrete beams or girders.

(4) The moment of resistance of any reinforced concrete construction under transverse loads shall be determined by formulæ based on the following assumptions:

(a) The bond between the concrete and steel is sufficient to make the two materials act together as a homogeneous solid.

(b) The stress in any fibre is directly proportional to the distance of that fibre from the neutral axis.

(c) The modulus of elasticity of the concrete remains constant within the limits of the working stresses fixed in this section.

(5) No allowance shall be made for the tensile strength of concrete.

(6) When the shearing stresses developed in any part of a reinforced concrete construction exceed the safe working strength of concrete, as fixed in this section, a sufficient amount of steel shall be introduced in such a position that the deficiency in the resistance to shear is overcome.

(7) When the safe limit of adhesion between the concrete and steel is exceeded, provision must be made for transmitting the stresses from the one material to the other.

(8) Reinforced concrete beams shall not be spaced further apart than eight feet on centres.

(9) All reinforcement in beams, girders and columns shall be so secured that there can be no displacement of the same in the concrete. Where girders or beams are connected with columns, the reinforcement of the girder shall penetrate the column and be secured to it. All reinforcement shall be completely encased in concrete. The thickness of concrete outside of the reinforcement shall not be less than one and one-quarter inches in floor slabs, partitions or walls, not less than two inches for all beams, three inches for all girders and columns, and not less than four inches in footings.

(10) Reinforced concrete may be used for columns in which the ratio of length to least side or diameter does not exceed fifteen; but in no case shall the effective cross section of the column be less than sixty-four square inches.

(11) All reinforced concrete columns shall have longitudinal reinforcement of a total cross sectional area equal to at least one per cent. of the effective cross sectional area of the concrete; provided, however, that the total sectional area of the reinforcing steel shall not be less than one square inch, and that no rod or bar be of less diameter or smaller dimension than one-half inch. All longitudinal reinforcement rods shall be tied together by wire at least one-quarter of an inch in diameter at intervals of twelve inches. All vertical reinforcing rods or bars shall extend upward or downward into the column above or below, lapping the reinforcement of the column above or below to the extent of at least forty diameters of the rod or bar of the larger section.

(12) Reinforced concrete columns may be stressed four hundred pounds per square inch of the effective area, with no allowance for the compressive strength of the vertical reinforcement.

(13) In the case of columns which are further reinforced by bands, or spirally wound hoops, the allowable unit working stress in direct compression shall be seven hundred and fifty pounds per square inch, of the effective sectional area of the concrete; provided the bands or hoops shall be designed to resist a lateral load equivalent to one-eighth of the vertical load carried by the concrete within the reinforcing cage; and provided that the bands or hoops shall not be stressed more than sixteen thousand pounds per square inch, and provided further that the bands or hoops shall not be spaced more than one-eighth the diameter of the reinforcing cage, and also provided that the bearing stresses between the reinforcing bands and the concrete shall not exceed five hundred and fifty pounds per square inch.

(14) The effective area of a column shall be taken as the area of concrete within the lines connecting the vertical reinforcement in plain columns and within the hoops or bands in the case of hooped columns.

(15) Whenever a splice occurs in a metal reinforcement of reinforced concrete, the length of the splice shall not be less than thirty diameters for columns, and twenty-four diameters for beams and girders. A splice-bar may be used provided the lap on each bar shal conform to the above requirements. If the reinforcing metal is not of circular section, the largest dimension of the section shall be considered as the diameter of the bar. Nothing, however, in this section, is to be construed as permitting the splicing of the main tension members in the bottom of beams, girders or floor slabs except over the centre of supports, nor shall the centre of the splice in columns come further from the floor line than one foot.

(16) Spandrel walls supported entirely on reinforced concrete or steel girders shall have a minimum thickness of eight inches, and shall be reinforced with not less than one-half pound of steel per square foot of wall.

(17) Hollow tile may be used in combination with reinforced concrete for floor construction, the hollow tile being used to resist compression and shearing stresses subject to the following provisions:

(18) The provisions relating to reinforced concrete construction shall hold as far as they are applicable.

(19) Hollow tile shall be of hard burnt or semi-porous terra cotta, which shall be of uniform density and hardness of burn and have an ultimate compression strength of not less than 3,000 pounds per square inch of net sectional area.

(20) The construction shall be so designed that the stresses in the concrete and steel shall not exceed those permitted in this section. The stresses in the hollow tile shall be as follows: Extreme fiber stress in compression 500 pounds per square inch; shearing stress 200 pounds per square inch. Adhesion between tile and 1:2:4 concrete or Portland cement mortar 40 pounds per square inch. Ratio of modulus of elasticity of tile to steel with Portland cement mortar joints shall be taken as one to ten.

(21) The hollow tile shall be thoroughly wet before the concrete is poured. The joints between adjoining rows of tiles shall be broken and filled or grouted with Portland cement mortar. If the blocks are laid without mortar between abutting ends they shall not be estimated as part of the structure taking compression.

(22) During freezing weather reinforced concrete construction shall be carried on in accordance with section 64 of this Code.

(23) The contractor shall, on the request of the Superintendent of Buildings, make load tests, at his own expense, or any portion of a reinforced concrete building within thirty days after erection. The test must show that the construction will sustain a load three times the live load for which it was designed without a deflection of more than one-thirtieth of an inch per foot of span. Sections of floor slabs containing not less than thirty-two square feet between beams shall be tested to five times the safe live load for which they are designed; the section tested to be cut loose from the adjoining portions of the slab.

(24) Centering shall remain in place until the set of the concrete has reached a point where it may be removed with safety.

CHAPTER XXI.

CHIMNEYS, FLUES AND FIREPLACES; HEATING PIPES AND APPARATUS.

SECTION 123.

Chimneys, Flues and Fireplaces.

(1) Every chimney hereafter erected shall be of brick, dimension stone or other approved incombustible material. Every chimney shall extend at least four feet above the highest point of contact with the roof. Every chimney shall be laid in cement mortar and shall be properly capped with terra cotta, stone, cast iron or other approved incombustible weatherproof material.

(2) The outer walls of brick or concrete chimneys shall be not less than eight inches thick outside the flue linings. In non-fireproof buildings there shall be at least eight inches of masonry between the smoke flue and any woodwork. The firebacks of all fireplaces shall be of solid masonry not less than eight inches thick. There shall be an air space of not less than two inches between any metal fireback and the masonry behind it. All flues shall be properly cleaned upon the completion of a building.

(3) No chimney shall rest upon woodwork.

(4) In no case shall a chimney be corbeled more than eight inches from the wall. The corbeling shall consist of at least five courses of brick, but no corbeling more than four inches shall be allowed in eight-inch brick walls. Piers which support

chimneys shall start from the foundation on the same line with the chimney breast, and shall be not less than twelve inches on the face, properly bonded into the walls. All chimneys which shall be dangerous shall be made safe or taken down.

(5) Not more than one coal gas stove, range or grate shall be connected to a single flue. Each smoke or gas flue shall be lined with well burnt clay or terra cotta pipe, made smooth on the inside from the bottom of the flue, or from the throat of the fireplace if the flue starts from the latter, and carried up continuously the entire height of the flue. The ends of the sections of all such lining pipes shall fit closely together and the pipes shall be built in as the flues are carried up. The internal area of the flue shall not be less than thirty-six square inches.

(6) The smoke flue of every steam boiler shall be lined on all sides with not less than four inches of fire brick, laid in fire mortar, for a distance of twenty-five feet from the boiler. The smoke flue of every smelting furnace, every steam boiler and of every other device which heats the flues to a high temperature, shall be built with double walls of suitable thickness for the temperature. There shall be an air space between the walls, and the inside wall shall be of fire brick not less than four inches thick.

(7) All fireplaces and chimney breasts where mantels are placed, whether intended for ordinary fireplace uses or not, shall have trimmer arches to support hearths. The arches shall be at least twenty inches in width, measured from the face of the chimney breast, and they shall be of brick, stone, concrete or burnt clay. The length of a trimmer arch shall be not less than the width of the chimney breast. Wood centres under trimmer arches shall be removed before plastering the ceiling underneath. If a heater is placed in a fireplace the hearth shall be the full width of the heater. All fireplaces in which heaters are placed shall have approved incombustible mantels. No wood mantel or other woodwork shall be exposed back of a summer piece; the iron work of the summer piece shall be placed against the back or stonework of the fireplace. No fireplace shall be closed with a wood fireboard.

(8) Cupola chimneys of foundries, or similar works, shall extend at least ten feet above the highest point of any roof within a radius of fifty feet of such cupola, and be covered on top with a heavy wire netting. No woodwork shall be placed within two feet of the cupola.

(9) If requested in writing so to do by the owner of the real property, building or structure, one erecting or altering a building to be raised more than ten feet above the adjoining and contiguous building shall, at his own expense, raise the adjacent chimneys of such adjoining building to the same level as the chimneys of his building, or shall supply sufficient flues connecting such chimneys with his own chimneys, which shall be of ample capacity to accommodate both buildings.

SECTION 124.

Heating Flues, Pipes and Vent Ducts.

(1) Protection of Woodwork Against Smoke Pipes—No wood casing, furring or lath shall be placed against or cover any smoke flue. No smoke pipe shall pass through any wood floor. No stovepipe shall be placed nearer than nine inches to any wood lath and plaster or board partition, ceiling or woodwork. Smoke pipes of laundry stoves, cooking ranges and of furnaces shall be not less than fifteen inches from any woodwork, unless they are properly guarded by metal shields; if so guarded, stovepipes shall be not less than six inches and smoke pipes of laundry stoves, cooking ranges and of furnaces shall be not less than nine inches distant from any woodwork. Where smoke pipes pass through a lath and plaster partition, they shall be guarded by galvanized iron ventilated thimbles at least twelve inches larger in diameter than the pipes, or by galvanized iron thimbles built in at least eight inches of brickwork. No smoke pipe shall pass through any wood roof.

(2) Hot Air Pipes—All stone or brick hot air flues and pipes shall be lined with tin or other suitable sheet metal or burnt clay pipe. Metal pipes in brick or stone walls or concrete walls used or intended to be used to convey heated air from hot air furnaces shall be covered with brick, stone or concrete at least four inches in thickness.

(3) Hot Air Pipes in Cellars—Horizontal hot air pipes in cellar or basement shall be placed six inches below the wood floor beams or ceiling; if the floor beams or ceiling are plastered and protected by a metal shield, or are fireproof, then the distance shall be not less than three inches. All shut-off dampers in hot air pipes shall be at least twelve inches below the floor beams or ceiling.

(4) Protection of Woodwork Against Hot Air Pipes—Woodwork near hot air pipes shall be protected in the following manner: A hot air pipe shall be placed inside another pipe, one inch larger in diameter, or a metal shield shall be placed not less than one-half inch from the hot air pipe; the outside pipe or the metal shield shall be one and one-half inches away from the woodwork, which shall be tin lined, or, in lieu of the above protection, four inches of brickwork or concrete may be placed between the hot air pipe and the woodwork. No vertical hot air pipe shall be placed in a stud partition or in a wood inclosure, unless it be at least eight feet distant in a horizontal direction from the furnace. Hot air pipes in closets, where exposed, shall be double, with a space of one inch between them.

(5) Protection of Woodwork Against Steam and Hot Water Pipes—Steam or hot water heating pipes shall not be placed within two inches of any woodwork unless the woodwork is protected by a metal shield, in which case the distance shall be not less than one inch. Every steam or hot water heating pipe passing through combustible floors and ceilings or wood, lath and plastered partitions, shall be protected by a metal tube one inch larger in diameter than the pipe, with a metal plate at the floor. Where such pipes run in a horizontal direction between floor and ceiling, a metal shield shall be placed on the under side of the floor over them and on the sides of wood beams running parallel with the pipe. All wood boxes or casings inclosing any steam or hot water heating pipe, or wood covers to recesses in walls in which any steam or hot water heating pipe is placed, shall be lined with lock-jointed metal.

(6) Exposed Plumbing Pipes—Exposed plumbing pipes shall have the surrounding air space closed off at the ceiling and floor lines of any floor through which any such pipe shall be carried, except that hot water supply pipes may run through metal sleeves.

(7) Pipe Coverings—Coverings of steam and hot water pipes shall be of fireproof material.

(8) Vent Flues and Ducts—Vent flues or ducts for the removal of vitiated or foul air, in which the temperature of the air cannot exceed that of the rooms, may be constructed of sheet iron, or similar incombustible material, and shall not be placed nearer than one inch to any woodwork. No such flue or duct shall be used for any other purpose. Cold air ducts of hot air furnaces shall be of metal or other approved fireproof material.

(9) Vent Ducts in Schools—In the support or construction of such ducts in a school, wood furring or other inflammable material shall not be nearer than two inches to said flues or ducts, and shall be covered on all sides other than those resting against brick, terra cotta, or other incombustible material, with metal lath or other approved incombustible material plastered with at least two coats of mortar, and have at least one-half inch air space between the flues or ducts and the lath and plaster.

SECTION 125.

Registers.

(1) Registers over brick furnaces shall be supported by a four-inch brick shaft built up from the cover of the hot air chamber; said shaft shall be lined with a metal pipe and no wood shall be less than four inches therefrom. Every furnace shall have at least one register without valve or slats.

(2) A register placed on woodwork or other combustible material in connection wthi a metal pipe or duct, shall have the end of the pipe or duct flanged over on the woodwork under it. Registers connected with hot air furnaces shall have soapstone or iron borders firmly set in plaster of paris or gauged mortar. Registers connected with low pressure steam or hot water heating and ventilating apparatus need not have such borders, but shall be properly insulated from woodwork.

(3) All register boxes shall be made of metal with a flange on the top to fit the groove in the frame. There shall be an open space of two inches on all sides of the register boxes extending from the underside of the border to and through the ceiling below. The opening shall be fitted with a tight tin or galvanized iron casing, the upper end of which shall be turned under the frame. When a register box is placed in the floor over a portable furnace, the open space on all sides of the register box shall be not less than three inches.

SECTION 126.

Heating Furnaces, Boilers and Bake Ovens.

(1) No brick-set boiler, furnace or bake oven shall rest upon woodwork.

(2) A portable boiler or furnace supported by conbustible floors or beams shall rest on a foundation of brick laid in mortar, set upon a sheet of metal the full size of said foundation. The brick foundation of a portable boiler shall extend two feet in front of and one foot on the other side of the boiler, and shall be three courses of brick high, the middle course being laid crosswise with ventilating space, within or between the brick of said middle course. The brick foundation of a portable furnace shall extend at least two feet beyond the furnace in front of the ash pan and under the entire furnace, and shall be two courses of brick high.

(3) Cast Iron Ash Pans and Bases—A cast iron pan shall be placed under all portable boilers, and shall have a flange turned up four inches on all sides of same, and shall be in width not less than the base of the boiler, and shall extend at least two feet in front. If a boiler is supported on a cast iron base, and is provided with a cast iron bottom, then an ash pan shall be placed in front of the said base and shall not be required to extend under it.

(4) Melting or Core Furnaces, Coffee Roasters—Any melting or core furnace, and any coal burning coffee roaster supported by combustible floors or beams, shall have a brick foundation on sheet metal, as specified above for portable boilers, and shall be placed in an iron ash pan extending at least six inches outside.

(5) Iron Electrotype and Confectioner's Furnaces—Any iron electrotype furnace or other portable furnace on legs in which soft metal is melted, or any portable bake oven, or confectioner's furnace supported by combustible floors or beams, shall have a brick foundation on sheet metal as specified for portable furnaces. All confectioner's furnaces shall be placed in ash pans set on brick foundations.

(6) Forges and Anvils—All combustible floors under and four feet outside of forges and anvils shall be covered with brickwork, cement or heavy iron. All forges shall have hoods connected to proper smoke flues.

(7) Every other appliance, not specified herein, in which fire is used shall be mounted upon a suitable incombustible support.

(8) Vats and Pans—Every vat, pan or other container of molten metal, hot grease or liquids not otherwise herein provided for, shall be placed upon an incombustible foundation, and shall be so constructed and safeguarded as to protect those operating and about them.

(9) Protection of Woodwork—All wood lath and plaster and wood ceilings and beams over and to a distance of not less than four feet in front of all boilers shall be shielded with metal or other approved fireproof material. When smooth ceilings are to be protected there shall be an air space of not less than one inch between ceiling and fireproof material. When beams are exposed the fireproof material shall follow the contour of the beams. The distance from the top of the boiler to the shield shall be not less than twelve inches, but when the boiler is not set in brickwork the distance shall be not less than twenty-four inches, and smoke pipes leading therefrom shall be not less than twenty-four inches from the ceiling or beams. No combustible partition shall be within four feet of the sides or back, or six feet from the front of any boiler unless the partition shall be covered with metal or other approved incombustible material, to the height of at least five feet above the floor and shall extend from the end or back of the boiler to at least five feet in front; then the distance shall not be less than two feet from the sides and back, or five feet from the front of the boiler. All portable furnaces shall be placed at least two feet from any combustible partition or ceiling, unless the partitions and ceilings are properly protected by a metal shield, when the distance shall not be less than one foot. Combustible ceilings or wood beams over furnaces shall be guarded by metal shields suspended three inches below said ceilings or beams and extending over the entire furnace and at least three feet beyond the front and sides.

(10) Ceilings built of fireproof materials in accordance with section 119 shall be provided over all high-pressure boilers and over such furnaces as directed by the Superintendent of Buildings.

(11) All brick hot air furnaces shall have two covers with an air space of at least four inches between; the inner cover of the hot air chamber shall be either a brick arch or two courses of brick laid on galvanized iron or tin supported on iron bars; the outside cover or top of the furnace shall be of brick or metal supported on iron bars, and so constructed as to be perfectly tight. It shall be not less than twelve inches below any combustible ceiling or floor beams. The walls of the furnace shall be built in the following manner: One inner and one outer wall of brick, each four inches in thickness, properly bonded together, with an air space of not less than three inches. No furnace shall be within twelve inches of any woodwork.

SECTION 127.

Stoves and Ranges.

(1) When a kitchen range is placed from six to twelve inches from a wood stud partition, the partition shall be covered with metal from the floor to a height of not less than three feet higher than the range; if the range is within six inches of the partition the studs shall be cut away and framed three feet higher and one foot wider than the range and the space in the partition shall be filled with bricks or other approved incombustible material.

(2) All coal ranges without legs which are supported by combustible floors and beams, shall be set on foundations of not less than two courses of brick well laid in mortar. Said foundations shall extend under the entire stove or range and at least twelve inches in front of it. Small ranges, such as are used in apartment houses, and such ranges as have ash pans three inches or more above their base, shall be placed on at least one course of brickwork extending twelve inches in front. When the ash pan is less than three inches above the base of the range, a course of bricks shall be added to the foundation.

(3) Gas ranges on combustible floors and beams having gas burners at their base shall be set on a course of bricks extending nine inches in front and all sides thereof. An equivalent thickness of slate, concrete or concrete and tile may be used instead of brick foundations under ranges. Convenient stopcocks shall be placed in the supply pipes of all gas ranges so that the gas can be shut off from all burners. In buildings hereafter erected all smoke or vent pipes from gas ranges shall be connected to proper ventiliating flues used for that purpose only.

(4) No range shall be placed against a wall furred with wood.

(5) All lath and plaster or wood ceilings over hotel, restaurant or other large ranges shall be guarded by metal hoods placed at least nine inches below the ceiling connected with the hood. There shall be a ventilating pipe having no connection with any other pipe and covered with one inch or asbestos or wire mesh. It shall be at least nine inches from wood lath and plaster or woodwork. The pipe shall run either outside of the building and discharge at least four feet above the roof, or shall be connected with an approved brick flue lined with burnt clay or heavy iron pipe used exclusively for the ventilating pipe of the range.

(6) Laundry stoves on combustible floors shall have a course of brick, slate or concrete on the floor under and extending twenty-four inches on all sides.

(7) All stoves for heating purposes shall be properly supported on iron legs, and be three feet from all wood lath and plaster or woodwork. If the wood lath and plaster or woodwork is properly protected by a metal shield, then the distance shall be not less than eighteen inches.

(8) A metal shield shall be placed under and twelve inches in front of the ash pan of all stoves that are placed on combustible floors.

(9) All low gas stoves shall be placed on iron stands and the burners shall be at least six inches above the base of the stoves, and metal guard plates placed four inches below the burners; all woodwork underneath shall be covered with metal.

(10) Gas connections to all stoves shall be made by metal pipe unless there is no valve at stove.

(11) All receptacles for ashes shall be of incombustible material.

SECTION 128.

Drying Rooms.

All walls, floors, ceilings and partitions inclosing drying rooms and caul boxes when not of fireproof materials, shall be metal lathed and plastered, or covered with other approved incombustible material.

SECTION 129.

Notice as to Heating Apparatus.

Before hot water, steam, hot air or other heating appliances or furnaces are installed in any building, or flues or fireplaces are erected or altered, notice shall be given to the Superintendent of Buildings by the owner.

CHAPTER XXII.

FRAME BUILDINGS.

SECTION 130.

Frame Buildings Within the Fire Limits.

(1) Within the fire limits, frame sheds and outhouses, as defined in section 4 of this code, and temporary one-story frame buildings for the use of builders may be erected, if permits therefor are issued by the Superintendent of Buildings.

(2) Wood piazzas or balconies which do not exceed eight feet in width and do not extend more than three feet above the second story floor beams, may be erected upon buildings other than frame buildings, provided the roofs of same are covered with approved incombustible materials.

Buildings Raised, Lowered, Altered or Moved.

(3) It shall not be permitted to raise any frame building to a height in excess of thirty-six feet six inches, and when raised it shall comply with all the requirements and provisions of this code relating to frame buildings and the stresses in the material thereof shall be kept within the safe limit of stresses prescribed in Chapter XI.

(4) Within the fire limits buildings must exceed twenty-five feet in height to the peak of the main roof before raising. This shall not prohibit, however, increasing one story and basement frame dwelling houses one additional story in height. In increasing the height of any such building the entire area which the building covers may be raised to a uniform height. An extension of less width than the main building may be increased to the full width of the main building, with the same kind of material as the main building, but shall not be increased in height. Any such building may be extended on front and rear by not more than fifteen feet. This extension shall not be higher or wider than the main building. In no case shall a frame extension be erected within three feet of a side or rear line of a lot unless the space between the studs of any such side is filled in solidly with not less than four inches of brickwork or other fireproof material.

A frame building more than two stories in height now or formerly used as a residence building, hereafter raised or altered shall be used only as a residence or for stores on the first floor. If any such building shall have been built before the street upon which it is located is graded, or if the grade is altered, such building may be raised or lowered to meet the requirements of the grade.

(5) No frame building within the limits shall be moved to another lot within the fire limits. No frame building shall be moved from without to within the fire limits.

(6) Frame Buildings Damaged Within the Fire Limits—Every wood or frame building with a brick or other front, which may hereafter be damaged to an amount not greater than one-half of the value thereof, exclusive of the value of the foundation, at the time of such damage, may be repaired or rebuilt. If such damage shall amount to more than one-half of such value, exclusive of the value of the foundation, such building shall not be repaired or rebuilt, but shall be taken down. In case the owner of a damaged building disagrees with a decision of the Superintendent of Buildings that the damage is greater than one-half of the value thereof, exclusive of the value of the foundation, the amount and extent of such damage shall be determined upon, an examination of the building by one surveyor, who shall be appointed and paid by the Superintendent of Buildings, and one surveyor who shall be appointed by the owner of said premises, to be paid by the owner. Should these two surveyors not agree, they shall appoint a third surveyor, and an affidavit of two of them as to value shall be conclusive, and such building shall in no manner be repaired or rebuilt until after such affidavit shall have been filed.

SECTION 131.

Frame Buildings Outside of Fire Limits.

(1) Frame buildings outside the fire limits may be altered, extended, raised or repaired, provided the new portions fully comply with all the provisions of this section.

(2) Buildings with enclosure walls of dense hollow terra cotta blocks, laid in Portland cement mortar only, may be erected outside of the fire limits, and the details of their construction shall be as specified in this chapter. The blocks shall be not less than six inches thick for a one-story building; eight inches throughout for a two-story building; ten inches thick for the first and eight inches for the second story and the third story in a three-story building; twelve inches thick for the first story, ten inches thick for the second story, and eight inches thick for the third and the fourth story. If the walls are exposed to the weather the blocks shall be vitrified in burning, or they may be covered on the exposed side with at least one inch of Portland cement stucco. The blocks shall be well scored, grooved or roughened to retain this coating.

(3) Whenever girders or joists rest upon wall so that there is a concentrated load of over two tons, the blocks supporting the girder or joist shall be made solid by filling with cement concrete, mixed in proportion of one part cement, two parts sand and four parts broken stone or gravel. Wherever walls are decreased in thickness, the top course of the thicker wall shall be made solid in the same manner.

(4) Hollow tiles shall not be loaded in excess of 250 pounds per square inch if set on end, or one hundred and fifty pounds per square inch if on the side. All piers and buttresses that support loads in excess of five tons shall be filled solid with cement concrete. Lintels spanning over four feet six inches in the clear shall rest on blocks filled solid with concrete.

(5) Floor beams and rafters shall be not less than two inches in thickness. The sills of all frame residence buildings, except where the first floor is used for store or business purposes, shall be so placed that the lower side of same is not less than two feet above the ground.

(6) The roofs of all frame or wood buildings shall be covered with metal, slate, tile, gravel or other approved incombustible material.

(7) Frame tenement houses shall have the side walls brick filled, as required by the Tenement House Act.

(8) No frame building without the fire limits shall be moved from one lot to another until a permit has been obtained from the Superintendent of Buildings.

Height and Area of Frame Buildings Outside of Fire Limits.

(9) Frame buildings hereafter erected or altered shall not exceed forty feet in height nor more than three stories.

(10) Frame dwellings shall not exceed four thousand square feet in area. Frame stables shall not exceed two thousand five hundred square feet in area.

(11) No other frame building shall exceed 5,000 square feet in area.

(12) The combined area of frame buildings, sheds and outhouses located on any lot shall not exceed eighty per cent. of the lot area. In no case shall a frame building be erected within three feet of the side or rear line of a lot, unless the space between the studs on any such side be filled in solidly with not less than two and one-half inches of brick work or other fireproof material.

SECTION 132.

Foundations for Frame Buildings.

(1) The foundation walls of frame structures exceeding fifteen feet in height shall rest on footings of stone or concrete not less than eight inches in thickness. All footing stones shall extend at least four and one-half inches outward from each side of the bottom of the foundation walls which rest upon them.

(2) The bearing capacity of soil shall be as set forth in section 93 of this code.

(3) The bottom of footings for frame buildings shall rest upon solid ground not less than four feet below the surface, unless solid rock occurs above this point, or upon piles or ranging timbers of wood where necessary. The foundation walls of frame structures extending fifteen feet in height, if of stone, shall be not less than eighteen inches thick, and if of brick or concrete, not less than twelve inches to the grade and eight inches thick to the under side of the sill. If the foundation and first story walls are constructed of brick or concrete the foundation walls shall be not less than twelve inches thick to the first tier of beams and eight inches thick from the first to the second tier of beams, or if these walls are constructed of stone, they shall be not less than twenty inches for the foundation walls and sixteen inches for the first story wall, and if the walls are faced with ashlar, the total thickness shall be four inches more than in this section specified.

SECTION 133.

Walls and Partitions in Frame Buildings.

(1) When three or more frame buildings are built in a continuous row the alternate division or party walls, which shall be not more than fifty feet on centres, shall be of brick or other approved fireproof material not less than twelve inches in thickness. These walls shall extend from front to rear, be solid, without openings, carried up not less than two feet above the roof boards and be properly coped.

When other division walls are of brick or concrete they shall be not less than eight inches thick above the foundation wall and extend two feet above the roof boards and be properly coped.

When stud partitions separate frame buildings the division studding shall be no less than four inches thick and filled solidly with brickwork or other approved fireproof materials, extending from the sill to the under side of the roof boards.

(2) The ends of floor and roof beams shall be so separated that four inches of brick or concrete shall be between the beams where they rest on the wall.

(3) Posts of hard wood and wood girders may be used instead of brick fore and aft partitions, in cellars of frame buildings.

(4) The walls of all interior shafts in frame buildings, including dumbwaiter shafts, may be of wood, but the interior surfaces shall be covered with metal lath or other approved fireproof covering and plastered with two coats of mortar.

SECTION 134.

Cellar Ceilings in Frame Buildings.

The ceiling over every cellar or lowest floor in every frame building more than one story in height hereafter erected where the beams are of wood, shall be covered with lath, and plastered with two coats of mortar.

SECTION 135.

Chimneys.

(1) All chimneys in frame buildings shall be built of brick, stone or other approved fireproof material, as provided in section 123. If of concrete or rubble masonry, the flues shall have outer walls at least eight inches thick, and the partition walls separating flues at least four inches thick, and shall be lined with hard burnt clay or terra cotta pipe. If of brick, the flues shall have outer walls and partition walls separating flues at least four inches thick, and shall be lined with hard burnt clay or terra cotta pipe. But when the chimneys pass through a floor or roof or are placed against any frame partition, that portion of the chimney shall be built with eight inches of brickwork between the flue and such floor, roof, frame partition or wall.

(2) All chimneys shall extend at least four feet above the highest point of contact with the roof. They shall be properly capped. Chimneys serving two rooms on the same floor may be built in the walls or partitions. Elsewhere they shall be built inside of the frame, except in the case of outside ornamental or exposed chimneys, in which case the frame may butt against or intersect with them, but no flues in same are to be built within eight inches of the frame or any part thereof.

(3) All flue linings shall extend throughout the length of the flue. The ends of all flue linings shall be made to fit close together, and the pipes shall be built in as the flue is carried up.

CHAPTER XXIII.

PLACES OF PUBLIC AMUSEMENT AND ASSEMBLAGE.

SECTION 136.

Requirements for Public Safety.

(1) In all buildings or parts of buildings of Classes A, B, E and F, and also hotels and clubhouses, occupied for purposes of assembly, amusement or instruction, other than theatres and opera houses, which are provided for in section 137, where large numbers of people may congregate, the halls, doors, stairways, seats, passageways and aisles, and all lighting and heating appliances and apparatus shall be arranged as the Superintendent of Buildings shall direct to facilitate egress in case of fire or accident, and to afford adequate security.

(2) Buildings or parts of buildings of Classes C and D, except hotels and clubhouses, shall not be occupied as places of public amusement or assemblage, and the Superintendent of Buildings shall have the power to vacate such buildings if this provision be violated.

(3) All aisles and passageways in buildings or parts of buildings used for public and private amusement or assemblage shall be kept free from campstools, chairs, sofas and all other obstruction, and no person shall be allowed to stand in or occupy any of said aisles or passageways during any performance or service, exhibition, lecture, ball, concert or any public assemblage. The Superintendent of Buildings may at any time serve a written or printed notice upon the owner or lessee or manager of any of said buildings, directing any act or thing to be done or provided in or about the said buildings, and the several accessories and appliances therewith connected, such as halls, doors, stairs, windows, seats, aisles, fire walls and other apparatus, and fire escapes, as he may deem necessary.

(4) Any building hereafter erected or altered to be used for public assemblage, with accommodations for more than two hundred people, shall be fireproof. In all such buildings no public assemblage shall be permitted above the first story. The Superintendent of Buildings shall determine the method of exit therefrom, and the number of exits.

(5) The Superintendent of Buildings shall require that in every building used as a factory or workshop in which more than twenty-five (25) persons are employed on a floor the machines, work tables, chairs and other appurtenances shall be so arranged as to enable all persons in such buildings to reach an exit quickly and readily. There shall be an aisle or passage not less than two feet six inches wide at each end of each work table, unless the Superintendent of Buildings shall decide that one such passage is adequate. There shall be a passage between the tables in the direction of their length which will leave not less than two feet of clear space under ordinary working conditions. No work table shall have an unbroken length of more than forty feet. The aisles between the ends of tables shall be not less than thirty inches wide and be entirely unobstructed by belts or shafting.

(6) In every building used as a factory or workshop, lubricating oil shall not be allowed to drip from any machine or appliance upon a combustible floor, or such floors shall be protected from dripping oil by suitable metal sheathing or drip pan.

(7) It shall be the duty of the Fire Commissioner to cause an inspection of all buildings at least twice in every year, and in buildings of any kind in which there are found accumulations of rubbish or other inflammable material in or about the cellar, sub-cellar or basement, stairways or hallways, if such accumulations of inflammable material are, in the opinion of the Fire Commissioner, dangerous, it shall be the duty of the Fire Commissioner to order the removal of the same, either by notice personally served upon the owner of the building or, if the building be occupied, by notice served upon any tenant or posted in the main entrance hall of the building, and if such order is not fully complied with within forty-eight hours after such service of such notice, then it shall be the duty of the Fire Commissioner, and he is hereby authorized and empowered to cause such rubbish and other inflammable material to be removed at the cost of the owner of the building, and unless such cost is paid within thirty days after demand it shall become a lien upon the property in the same manner and to the same extent as a tax lien.

(8) In no building now erected or hereafter to be erected shall more than twenty-five persons be employed or permitted to work at any one time on any floor unless each employer shall cause to be removed daily all accumulations of clippings, trimmings, waste and rubbish incident to the business carried on, and shall cause such accumulations of clippings, trimmings, waste and rubbish to be stored in fireproof receptacles and removed from the building every forty-eight hours.

SECTION 137.

Theatres and Places of Public Amusement.

(1) Every theatre or opera house or other building intended to be used for theatrical or operatic purposes or for public entertainments of any kind, hereafter erected for the accommodation of more than two hundred persons, shall be built to comply with the requirements of this section. No building which, at the time of the passage of this Code, is not in actual use for theatrical or operatic purposes, and no building hereafter erected not in conformity with the requirements of this section, shall be used for theatrical or operatic purposes, or for public entertainments of any kind, until the same shall have been made to conform to the requirements of this Code. And no building hereinbefore described shall be opened to the public for theatrical or operatic purposes, or for public entertainments of any kind, until the Superintendent of Buildings shall have approved the same in writing as conforming to the requirements of this section.

(2) Every such building shall have at least one front on the street, and in such front there shall be suitable means of entrance and exit for the audience, not less than twenty-five feet in width.

(3) In addition to the aforesaid entrances and exits on the street, there shall be reserved for service in case of an emergency an open court or space in the rear and on the side not bordering on the street, where said building is located on a corner lot; and in the rear and on both sides of said building, where there is but one frontage on the street as hereinafter provided. The width of such open court or courts shall not be less than eight feet where the seating capacity is more than two hundred and not more than eight hundred people, and ten feet in width where the seating capacity is more than eight hundred people. Said open court or courts shall extend the full length and height of the building and across on each side and rear thereof where its sides or side does not abut on a street or alley, and shall be of the same width at all points, and exits hereafter specified shall lead into such open courts.

(4) During the performance the doors or gates in the corridors shall be kept open by proper fastenings; at other times they may be closed and fastened by movable bolts or blocks. The said open courts and corridors shall not be used for storage purposes, or for any purpose whatsoever except for exit and entrance from and to the auditorium and stage, and must be kept free and clear during performances. The level of said corridors at the front entrance to the building shall be not greater than one step above the level of the sidewalk where they begin at the street entrance. The entrance of the main front of the building shall be not on a higher level from the sidewalk than four steps, unless approved by the Superintendent of Buildings.

(5) To overcome any difference of level in and between courts, corridors, lobbies, passages and aisles on the ground floor, gradients shall be employed of not over one foot in ten feet, with no perpendicular rises. From the auditorium opening into the said open courts or on the side street there shall be not less than two exits on each side in each tier from and including the parquet and each and every gallery. Each exit shall be at least five feet in width in the clear and provided with approved fireproof doors. All of said doors shall open outwardly and shall be fastened with movable bolts, the bolts to be kept drawn during performances. There shall be balconies not less than six feet in width in the said open court or courts at each level or tier above the parquet on each side of the auditorium, of sufficient length to embrace the two exits, and from said balconies there shall be staircases extending to the ground level, with a rise of not over eight and one-half inches to a step and not less than nine inches tread, exclusive of the nosing.

(6) The staircase from the upper balcony to the next below shall be not less than forty-eight inches in width in the clear, and from the first balcony to the ground four feet in width in the clear where the seating capacity of the auditorium is for eight hundred people or less, four feet six inches in the clear where above one thousand and not more than eighteen hundred people, and five feet in the clear where above eighteen hundred people and not more than twenty-five hundred people, and not over five feet six inches in the clear where above twenty-five hundred people.

(7) All the before-mentioned balconies and staircases shall be constructed of iron throughout, including the floors, and of ample strength to sustain the load to be carried by them, and they shall be covered with a metal hood or awning, to be constructed in such manner as shall be approved by the Superintendent of Buildings. Where one side of the building borders on the street, there shall be balconies and staircases of like capacity and kind, as before mentioned, carried to the ground.

(8) When located on a corner lot, that portion of the premises bordering on the side street and not required for the uses of the theatre may, if such portion be not more than twenty-five feet in width, be used for offices, stores or apartments, provided the walls separating this portion from the theatre proper are carried on solidly to and through the roof, and that a fireproof exit is provided for the theatre on each tier, equal to the combined width of exits opening on opposite sides in each tier, communicating with balconies and staircases leading to the street in manner provided elsewhere in this section; said exit passages shall be entirely cut off by brick walls from said offices, stores or apartments, and the floors and ceilings in each tier shall be fireproof.

(9) Nothing herein contained shall prevent a roof garden, art gallery or rooms for similar purposes being placed above a theatre or public building, provided the floor of the same forming the roof over such theatre or building shall be constructed of iron or steel and approved fireproof materials, and that said floor shall have no covering boards or sleepers of wood, but be of tile or cement. Every roof over said garden or rooms shall have all supports and rafters of iron or steel, and be covered with glass or approved fireproof materials, or both, but no such roof garden, art gallery or room for any public purpose shall be placed over or above that portion of any theatre or other building which is used as a stage.

(10) No workshop, storage or general property room shall be allowed above the auditorium or stage, or under the same or in any of the fly galleries. All of said rooms or shops may be located in the rear or at the side of the stage, but in such cases they shall be separated from the stage by a brick wall, and the openings leading into said portions shall have approved fireproof doors on each side of the openings, hung to iron eyes built into the wall.

(11) No portion of any building hereafter erected or altered, used or intended to be used for theatrical or other purposes as in this section specified, shall be occupied or used as a hotel, boarding or lodging house, factory, workshop or manufactory, or for storage purposes, except as may be hereafter specially provided. Said restrictions relate not only to that portion of the building which contains the auditorium and the stage, but apply also to the entire structure in conjunction therewith.

(12) No store or room contained in the building, or the offices, stores or apartments adjoining, as aforesaid, shall be let or used for carrying on any business, dealing and articles designated as specially hazardous in the classification of the New York Board of Fire Underwriters, or for manufacturing purposes.

(13) No lodging accommodations shall be allowed in any part of the building communicating with the auditorium.

(14) Interior walls built of approved fireproof materials shall separate the auditorium from the entrance vestibule, and from any room or rooms over the same, also from lobbies, corridors, refreshment or other rooms.

(15) All staircases for the use of the audience shall be inclosed with walls of brick, or of fireproof materials approved by the Superintendent of Buildings, in the stories through which they pass, and the openings to said staircases from each tier shall be the full width of said staircase. No door shall open immediately upon a flight of stairs, but a landing at least the width of the door shall be provided between such stairs and such door.

(16) A firewall, built of brick, shall separate the auditorium from the stage. The same shall extend at least four feet above the stage roof, or the auditorium roof, if the latter be the higher, and shall be coped. Above the proscenium opening there shall be an iron girder of sufficient strength to safely support the load above, and the same shall be covered with approved fireproof materials to protect it from the heat. Should there be constructed an orchestra platform over the stage, above the proscenium opening, the said platform shall be placed on the auditorium side of the proscenium firewall, and shall be entered only from the auditorium side of said wall.

(17) The molded frame around the proscenium opening shall be formed entirely of approved fireproof materials. The proscenium opening shall be provided with a fireproof metal curtain, or a curtain of asbestos or other fireproof material approved by the Superintendent of Buildings, sliding at each end within iron grooves, securely fastened to the brick wall and extending into such grooves to a depth not less than six inches on each side of the opening. Said fireproof curtain shall be raised at the commencement of each performance and lowered at the close of said performance, and be operated by approved machinery for that purpose. The proscenium curtain shall be placed at least three feet distant from the foot lights at the nearest point. No doorway or opening through the proscenium wall, from the auditorium, shall be allowed above the level of the first floor, and such first floor openings shall have approved fireproof doors on each face of the wall, and the doors shall be hung so as to be opened from either side at all times.

(18) There shall be provided over the stage metal skylights of an area or combined area of at least one-eighth the area of said stage, with sliding sash and double thick sheet glass, and each pane thereof measuring not less than three hundred square inches, the whole of which skylight shall be so constructed as to open instantly on the cutting or burning of a hempen cord, which shall be arranged to hold said skylights closed, or some other equally simple approved device for opening them may be provided. Immediately underneath the glass of said skylights there shall be wire netting, but wire glass shall not be used in lieu of this requirement.

(19) All that portion of the stage not comprised in the working of scenery, traps and other mechanical apparatus for the presentation of a scene, usually equal to the width of the proscenium opening, shall be built of iron or steel beams filled in between with approved fireproof material, and all girders for the support of said beams shall be of wrought iron or rolled steel. The fly-galleries entire, including pin-rails, shall be constructed of iron or steel, and the floors of said galleries shall be composed of iron or steel beams, filled with approved fireproof materials, and no wood boards or sleepers shall be used as covering over beams, but the said floors shall be entirely fireproof. The rigging loft shall be fireproof.

(20) All stage scenery, curtains and decorations made of combustible material, and all woodwork on or about the stage shall be painted or saturated with some approved non-combustible material or otherwise rendered safe against fire, and the finishing coats of paint applied to all woodwork through the entire building shall be of such kind as will resist fire to the satisfaction of the Superintendent of Buildings.

(21) The roof over the auditorium and the entire main floor of the auditorium and vestibule, also the entire floor of the second story of the front superstructure over the entrance, lobby and corridors, and all galleries and supports for the same in the auditorium, shall be constructed of iron or steel and approved fireproof materials, not excluding the use of wood floorboards and necessary sleepers to fasten the same, but such sleepers shall not mean timbers of support, and the space between the sleepers, excepting a portion under the stepping in the galleries, which shall be properly firestopped, shall be solidly filled with approved incombustible material up to the under side of the floorboards.

(22) The fronts of each gallery shall be formed of approved fireproof materials, except the capping, which may be made of wood. The ceiling under each gallery shall be entirely formed of approved fireproof materials. The ceiling of the auditorium shall be formed of approved fireproof materials.

(23) All lathing, whenever used, shall be of wire or other metal.

(24) The partitions in that portion of the building which contains the auditorium, the entrance and vestibule and every room and passage devoted to the use of the audience shall be constructed of approved fireproof materials, including the furring of outside or other walls.

(25) None of the walls or ceilings shall be covered with wood sheathing, canvas or any combustible material. But this shall not exclude the use of wood wainscoting to a height not to exceed six feet which shall be filled in solid between the wainscoting and the wall with approved fireproof materials. The walls separating the actors' dressing rooms from the stage and the partitions dividing the dressing rooms, together with the partitions of every passageway from the same to the stage, and all other partitions on or about the stage, shall be constructed of fireproof material approved by the Superintendent of Buildings. All doors in any of said partitions shall be fireproof.

(26) All shelving and cupboards in each and every dressing room, property room or other storage rooms shall be constructed of metal, slate or some approved fireproof material. Dressing rooms may be placed in the fly-galleries provided that proper exits are secured therefrom to the fire escapes in the open courts, and that the partitions and other matters pertaining to dressing rooms shall conform to the requirements herein contained, and the stairs leading to the same shall be fireproof. All dressing rooms shall have an independent exit leading directly into a court or street, and shall be ventilated by windows in the external walls; and no dressing room shall be below the street level.

(27) All windows shall be arranged to open, and none of the windows in outside walls shall have fixed sashes, iron grills or bars.

(28) All seats in the auditorium, excepting those contained in boxes, shall be not less than thirty-two inches from back to back, measured in a horizontal direction, and firmly secured to the floor. No more than twelve seats shall be placed in any box. Boxes shall be divided by partition or rail, and shall lead to an aisle which connects with an exit or corridor. No seat in the auditorium shall have more than six seats intervening between it and an aisle on either side. No stool or seat shall be placed in any aisle.

(29) All platforms in galleries formed to receive the seats shall be not more than twenty-four inches in height of riser, nor less than thirty-one inches in width of platform. All aisles on the respective floors in the auditorium shall be not less than three feet wide where they begin, and shall be increased in width toward the exits in a ratio of one and one-half inches to five running feet.

(30) The foyers, lobbies, corridors, passages and rooms for the use of the audience, not including aisles spaced between seats, shall on the first or main floor where the seating capacity exceeds five hundred or more, be at least sixteen feet clear, back of the last row of seats, and on each balcony or gallery at least twelve feet clear of the last row of seats.

(31) Gradients or inclined planes shall be employed instead of steps where possible to overcome slight difference of level in or between aisles, corridors and passages.

(32) Every theatre accommodating two hundred persons shall have at least two exits; when accommodating five hundred persons, at least three exits shall be provided; these exits not referring to or including the exits to the open court at the side of the theatre. Doorways of exit or entrance for the use of the public shall be not less than five feet in width, and for every additional one hundred persons or portions thereof to be accommodated, in excess of five hundred, an aggregate of twenty inches additional exit width must be allowed. All doors of exit or entrance shall open outwardly, and be hung to swing in such manner as not to become an obstruction in a passage or corridor, and no such door shall be closed and locked during any representation, or when the building is open to the public. Distinct and separate places of exit and entrance shall be provided for each gallery above the first. A common place of exit and entrance may serve for the main floor of the auditorium and the first gallery, provided its capacity be equal to the aggregate capacity of the outlets from the main floor and the said gallery.

(33) No passage leading to any stairway communicating with any entrance or exit shall be less than four feet in width in any part thereof.

(34) All stairs within the building shall be constructed of approved fireproof material throughout. Stairs from balconies and galleries shall not communicate with the basement or cellar. All stairs shall have treads of uniform width and risers of uniform height throughout each flight. Stairways serving for the exit of fifty people shall be at least four feet wide between railings or between walls, and for every additional fifty people to be accommodated six inches must be added to their width. The width of all stairs shall be measured in the clear between hand-rails. In no case shall the risers of any stairs exceed seven and one-half inches in height, nor shall the treads, exclusive of nosings, be less than ten and one-half inches wide in straight stairs. No circular or winding stairs for the use of the public shall be permitted.

(35) Where the seating capacity is for more than one thousand people there shall be provided at least two independent staircases, with direct exterior outlets for each gallery in the auditorium, where there are not more than two galleries, and the same shall be located on opposite sides of said galleries.

(36) Where there are more than two galleries one or more additional staircases shall be provided, the outlets from which shall communicate directly with the principal exit or other exterior outlets. All said staircases shall be of width proportionate to the seating capacity as elsewhere herein provided. Where the seating capacity is for one thousand people, or less, two direct lines of staircases only shall be required, located on opposite sides of the galleries, and in both cases shall extend from the sidewalk level to the upper gallery, with outlets from each gallery to each of said staircases.

(37) At least two independent staircases, with direct exterior outlets, shall be provided for the service of the stage, and shall be located on opposite sides of the same. All inside stairways leading to the upper galleries of the auditorium shall be inclosed on both sides with walls of approved fireproof materials. Stairs leading to the first or lower gallery may be left open on one side, in which case they shall be constructed as herein provided for similar stairs leading from the entrance hall to the main floor of the auditorium. In no case shall stairs leading to any gallery be left open on both sides.

(38) When straight stairs return directly on themselves, a landing of the full width of both flights, without any steps, shall be provided. The outer line of landings shall be curved to a radius of not less than two feet, to avoid square angles. Stairs turning at an angle shall have a proper landing without winders introduced at said turn. In stairs, when two side flights connect with one main flight, no winders shall be introduced, and the width of the main flight shall be at least equal to the aggregate width of the side flights.

(39) All stairs shall have proper landings introduced at convenient distances. All inclosed staircases shall have, on both sides, strong hand-rails firmly secured to the wall about three inches distant therefrom and about three feet above the stairs, but said hand-rails shall not run on level platforms and landings where the same are more in length than the width of the stairs.

(40) All staircases eight feet and more in width shall be provided with a centre hand-rail of metal, not less than two inches in diameter, placed at a height of about three feet above the centre of the treads, and supported on wrought metal or brass standards of sufficient strength, placed not nearer than four feet nor more than six feet apart, and securely bolted to the treads or risers of stairs, or both, and at the head of each flight of stairs on each landing the post or standard shall be at least six feet in height, to which the rail shall be secured.

(41) Every steam boiler which may be required for heating or other purposes shall be located outside the building, and the space allotted to the same shall be inclosed by walls of masonry on all sides, and the ceiling of such space shall be constructed of approved fireproof materials.

(42) All doorways in said walls shall have fireproof doors. No floor register for heating shall be permitted. No coil or radiator shall be placed in any aisle or passageway used as an exit, but all said coils and radiators shall be placed in recesses formed in the wall or partition to receive the same. All supply, return or exhaust pipes shall be properly incased and protected where passing through floors or near woodwork.

(43) Standpipes four inches in diameter shall be provided with hose attachments on every floor and gallery as follows: One on each side of the auditorium in each tier, also on each side of the stage in each tier, and at least one in the property room and one in the carpenter's shop, if the same be contiguous to the building. All such standpipes shall be kept clear from obstruction. Said standpipes shall be separate and distinct, receiving their supply of water direct from the power pump or pumps, and shall be fitted with the regulation couplings of the Fire Department, and shall be kept constantly filled with water by means of an automatic power pump or pumps, of sufficient capacity to supply all the lines of hose when operated simultaneously, and said pump or pumps shall be supplied from the street main and be ready for immediate use at all times during the performance in said building. In addition to the requirements contained in this section, the standpipes shall also conform to the requirements contained in section 32 of this Code.

(44) A separate and distinct system of automatic sprinklers, with fusible plugs, approved by the Superintendent of Buildings, supplied with water from a tank located on the roof over the stage and not connected in any manner with the standpipes, shall be placed on each side of the proscenium opening and on the ceiling or roof over the stage at such intervals as will protect every square foot of stage surface when said sprinklers are in operation. Automatic sprinklers shall also be placed, wherever practicable, in the dresing rooms, under the stage and in the carpenter shop, paint rooms, store rooms and property room.

(45) A proper and sufficient quantity of two and one-half inch hose, not less than one hundred feet in length, fitted with the regulation couplings of the Fire Department and with nozzles attached thereto, and with hose spanners at each outlet, shall always be kept attached to each hose attachment as the Fire Commissioner may direct. There shall also be kept in readiness for immediate use on the stage at least four casks full of water and two buckets to each cask. Said casks and buckets shall be painted red.

(46) There shall also be provided hand pumps or other portable fire extinguishing apparatus and at least four axes and two twenty-five-foot hooks, two fifteen-foot hooks, and two ten-foot hooks on each tier or floor of the stage.

(47) Every portion of the building devoted to the uses or accommodation of the public, also all outlets leading to the streets, and including the open courts or corridors, shall be well and properly lighted during every performance, and the same shall remain lighted until the entire audience has left the premises. All gas or electric lights in the halls, corridors, lobby or any other part of said buildings used by the audience, except the auditorium, must be controlled by a separate shut-off, located in the lobby and controlled only in that particular place.

(48) Gas mains supplying the building shall have independent connections for the auditorium and the stage, and provision shall be made for shutting off the gas from the outside of the building. When interior gas lights are not lighted by electricity other suitable appliances, to be approved by the Superintendent of Buildings, shall be provided.

(49) All suspended or bracket lights surrounded by glass in the auditorium, or in any part of the building devoted to the public, shall be provided with proper wire netting underneath. No gas or electric light shall be inserted in the walls, woodwork, ceilings or in any part of the building, unless protected by approved fireproof materials. All lights in passages and corridors in said buildings, and wherever deemed necessary by the Superintendent of Buildings, shall be protected with proper wire network. The footlights, in addition to the wire network, shall be protected with a strong wire guard and chain, placed not less than two feet distant from said footlights, and the trough containing said footlights shall be formed of and surrounded by approved fireproof materials.

(50) All border lights shall be constructed to the approval of the Superintendent of Buildings, and shall be suspended for ten feet by wire rope. All ducts or shafts used for conducting heated air from the main chandelier, or from any other light or lights, shall be constructed of metal and made double, with an air space between.

(50) All stage lights shall have strong metal wire guards or screens not less than ten inches in diameter, so constructed that any material in contact therewith shall be out of reach of the flames of said stage lights, and must be soldered to the fixture in all cases.

(51) The standpipes, gas pipes, electric wires, hose, footlights and all apparatus for the extinguishing of fire or guarding against the same, as in this section specified, after being installed, shall be in charge and under control of the Fire Department, and the Commissioner of said Department is hereby directed to see that the arrangements in respect thereto are carried out and enforced. A diagram or plan of each tier, gallery or floor, showing distinctly the exits therefrom, each occupying a space not less than fifteen square inches, shall be printed in black lines in a legible manner on the programme of the performance. Every exit shall have over the same on the inside the word "Exit" painted in legible letters not less than eight inches high.

(52) The provisions of the foregoing shall not be construed to mean or made to apply to any theatre, opera house, or building intended to be used for theatrical or operatic purposes, now erected or for which plans have heretofore been approved by the Superintendent of Buildings.

CHAPTER XXIV.

ELEVATORS.

SECTION 138.

Elevators, Escalotors and Amusement Devices.

(1) Elevators, escalators, amusement and similar devices, both public and private, shall be installed and maintained in accordance with the rules and regulations of the Bureau of Buildings and under its sole supervision.

(2) Repairs to elevators, escalators, amusement and similar devices may be made without the filing and approval of drawings and descriptions in the Bureau of Buildings, but such repairs shall not be construed to include the changing of the type or make of elevator or power.

(3) Any violation of the provisions of this section shall be punishable by imprisonment for not less than ten days, or a fine not less than fifty dollars, or by both such imprisonment and fine.

CHAPTER XXV.

PLUMBING AND DRAINAGE.

SECTION 139.

Plumbing, Drainage and Gas Piping.

(1) The plumbing, drainage and gas piping of all buildings, both public and private, shall be installed under the sole supervision of the Bureau of Buildings, in accordance with its rules and regulations, approved applications and plans. Notice of any change in these rules and regulations shall be published in the CITY RECORD once each week for eight successive weeks, and during this period shall be posted on the bulletin board of the Bureau of Buildings, and a public hearing shall be given before the same shall become operative.

(2) Repairs or alterations of plumbing, drainage or gas piping may be made without the filing and approval of drawings and descriptions in the Bureau of Buildings, but such repairs or alterations shall not be construed to include new house sewers, house drains, vertical or horizontal lines of soil, waste, vent, leader or gas piping. Notice of such repairs shall be given to the Superintendent of Buildings before the same are commenced, as prescribed by the rules and regulations, and the work shall be done solely in accordance with said rules and regulations. No repairs or alterations shall be made or caused to be made by any person other than a duly licensed and registered plumber. Any violation of the provisions of this section shall be punishable by imprisonment for not less than ten days, or a fine of not less than fifty dollars, or by both such imprisonment and fine.

SECTION 140.

Registration of Plumbers.

(1) Once in each year every employing or master plumber desiring to perform plumbing work in The City of New York shall register his name and address at the office of the Bureau of Buildings, in any Borough of the said City, under such rules and regulations as said Bureau shall prescribe and as hereinafter provided. And thereupon he shall be entitled to receive a certificate of such registration from said Bureau, provided, however, that such employing or master plumber shall at the time of applying for such registration hold a certificate of competency from the Examining Board of Plumbers.

(2) The time for such registration shall be during the month of March in each year. Where, however, a person obtains a certificate of competency at a time other than in the month of March in any year, he may register within thirty days after obtaining such certificate of competency, but he shall also register in the month of March in each year as herein provided. Registration in any Borough shall entitle any employing or master plumber to perform work in all Boroughs.

(3) Such registration may be cancelled by the Superintendent of Buildings for a violation of the rules and regulations for plumbing and drainage, duly adopted and in force pursuant to the provisions of this section, or whenever the person so registered ceases to be a master or employing plumber, after a hearing had before said Superintendent not less than ten days after service, upon the person charged with the violation, of a notice to appear, stating the grounds of complaint.

(4) After this code takes effect no person, corporation or copartnership shall engage in or carry on the trade, business or calling of employing or master plumber in The City of New York unless the name and address of such person and the president or secretary or treasurer of such corporation and each and every member of such copartnership shall have been registered as above provided.

(5) No person shall expose the sign of "Plumber" or "Plumbing," or a sign containing words of similar import and meaning, unless he shall have obtained a certificate of competency from the Examining Board of Plumbers, and shall have registered as herein provided.

(6) A master or employing plumber within the meaning of this code is any person who hires or employs a person or persons to do plumbing work.

SECTION 141.

Gas and Water Pipes.

(1) Every building hereafter erected, and all factories, hotels, churches, theatres, schoolhouses and other buildings of a public character heretofore erected in which gas or steam is used for lighting or heating, shall have each an iron or steel supply pipe leading from the street mains provided with a stopcock contained in a suitable valve box placed in the sidewalk at or near the curb. When the service pipe supplying gas to any building shall be laid so that the distance from the centre of the pipe to the surface of the ground shall be less than two feet six inches, such service pipe shall be properly covered and made frostproof by the person laying the same. Where such pipe crosses an area it must be made frostproof by covering it with non-conducting insulation.

(2) The plans filed in the Bureau of Buildings shall show where the gas service pipes are intended to enter the building. Where such pipes pass through a wall they shall be surrounded by at least six inches of masonry through the full thickness of the wall. No gas, water or other pipes which may be introduced into any building shall be let into the beams unless the same be placed within thirty-six inches of the end of the beams; and in no building shall the said pipes be let into the beams more than one and one-half inches.

(3) An automatic or manual shut-off or valve shall be placed near and back of every gas meter in every building.

(4) The burners of gas brackets shall be placed at least three feet below any ceiling or woodwork, unless the same is properly protected by a suitable incombustible shield, in which case the distance shall be not less than eighteen inches. No swinging or folding gas bracket shall be placed against any stud partition or woodwork. No gas bracket on any lath and plaster partition or woodwork shall be less than five inches in length, measured from the burner to the plaster surface or woodwork. Gas lights placed near windows, curtains or any other combustible material shall be protected by globes or wire cages.

(5) No supply of gas shall be turned on in any building hereafter erected or in which gas piping has been altered until a satisfactory test has been applied and a certificate secured from the Superintendent of Buildings after a satisfactory report that the piping has been properly installed by a duly licensed and registered plumber.

CHAPTER XXVI.

FENCES, SIGNS, BILLBOARDS AND ROOF STRUCTURES.

SECTION 142.

Fences, Signs, Billboards and Roof Structures.

(1) A fence, sign or billboard shall not be at any point over ten feet above the curb in front of the ground upon which it is erected; except that when it is entirely of metal, including the uprights, supports and braces, it shall not be at any point over eighteen feet above the curb in front of the ground upon which it is placed. All fences, signs and billboards shall be erected entirely within the building line, and be properly and firmly secured, supported and braced, and shall be so constructed as not to be or become dangerous. Before the erection of any fence, sign or billboard shall be commenced, a permit shall be obtained from the Superintendent of Buildings. Each application for the erection of any fence, sign or billboard shall be accompanied by the written consent of the owner of the property upon which it is to be erected.

(2) Signs of metal or wood may be placed on the fronts of buildings, providing they are placed flat against the wall and do not extend above the roof of such buildings, and are firmly and properly secured, supported and braced, and shall be so constructed as not to be or become dangerous. No sign shall be placed upon or attached to the face of a wall of any building in such a manner as to cover in whole or in part any door or window opening.

(3) No structure shall be placed, erected, maintained or occupied upon or over the roof of any building except as provided in sections 45, 46 and 47 of this code. Whenever any structure on the roof of a building, except as provided in sections 45, 46 and 47, shall be erected, placed or maintained in violation of the provisions of this code, the Superintendent of Buildings shall order the same removed. In case the owner or lessee shall neglect or refuse to remove or cause the same to be removed within ten days from the service of a notice so to do, the said Superintendent of Buildings shall have power, and it shall be his duty, to immediately remove such fence, sign, billboard or structure, and the expense of such removal by the Superintendent of Buildings shall be a first lien upon the property.

SECTION 143.

Electric Signs.

(1) Any electric letter, word, model, sign, device or representation in the nature of an advertisement, announcement or direction erected at right angles to any building shall be deemed to be an electric sign.

(2) Electric signs may be hung or attached at right angles to buildings and extend not to exceed six feet beyond the cornice line thereof in said space, and be ten feet in the clear above the level of the sidwalk in front of such building, upon the payment of an annual license feet of ten cents for each square foot of sign space or part of square foot of such sign space, to be collected by the City Clerk of The City of New York. The square feet of sign space on one side of an electric sign, however, shall be deemed to be the entire number of square feet of sign space for the purpose of computing the license fee herein referred to and required to be paid.

(3) All electric signs shall be constructed entirely of metal, including the uprights, supports and braces for the same, properly and firmly attached to the building, and shall be so constructed as not to be or become dangerous.

(4) Before any permit is issued by the City Clerk plans and statements of the proposed sign and method of attachment to the building must be filed with the Superintendent of Buildings, and his certificate of approval must be obtained as to the sufficiency of the construction and method of attachment to the building. A certificate must also be obtained from the Department of Water Supply, Gas and Electricity

certifying that the proposed electric wiring and electric appliances are in conformity with the rules and regulations of that Department.

(5) No certificate shall be given by the Superintendent of Buildings, and no permit shall be issued by the City Clerk, for the erection of electric sign on any building when such building adjoins a building occupied exclusively as a private residence, unless the written consent of the owner of said private residence for the erection of such electric sign be first obtained.

(6) No electric sign shall be placed, hung or maintained, except as in this ordinance provided, under a penalty of ten dollars for each offense, and a further penalty of ten dollars for each day or part of a day the same shall continue.

CHAPTER XXVII.

VIOLATIONS OF CODE; UNSAFE AND DANGEROUS BUILDINGS; COURT PROCEEDINGS.

SECTION 144.

(1) Removal of Violations—Whenever the Superintendent of Buildings is satisfied that there exists in any building erected or in course of erection a violation of the provisions of this code, he may, in his discretion, authorize the Corporation Counsel to institute any appropriate action or proceeding at law or in equity, to restrain, correct or remove such violation, prevent further work upon the building, require its removal, or prevent the occupation or use of the building.

(2) Notice of Violation and Service Thereof—Notices of violation shall be issued upon the report of an inspector or engineer by the Superintendent of Buildings and have his name affixed thereto, and shall immediately be filed in his office. A Notice of Violation shall be served upon the person charged with the violation or upon the person designated in section 147, or as otherwise specified in this code. It shall contain a brief statement of the nature of the violation charged, and of the penalty or penalties that may be incurred, a brief description of the building and premises to which the notice refers, including its location and a direction to the owner requiring that the violation be removed forthwith. A copy of section 148 of this code, entitled "Duty of Occupant to Notify Owner," shall be printed thereon. If the person charged with the violation, or the person designated in section 147, cannot be found in The City of New York after diligent search, then service may be made by affixing the same in a conspicuous place on the property as to which a violation is alleged to exist, or to which such notice may refer, and by depositing in a post office in The City of New York a copy thereof in a securely closed postpaid wrapper, addressed to him at his last known place of residence, or his last known place of business. If his place of residence is not known, and the Superintendent of Buildings cannot with reasonable diligence ascertain either, or a place where he would probably receive matter transmitted through the post office, he may dispense with the deposit of any papers, and upon an affidavit thereof the notice of violation shall be deemed served, and the same action or proceeding may be taken thereupon as if he had been personally served.

(3) Penalties—A person who violates a provision of this code shall, for each violation, pay a penalty in the sum of fifty dollars; except that a person who shall violate a provision thereof as to chimneys, fireplaces, flues, steam or hot-air pipes, boilers or furnaces, or as to the framing or trimming of timbers, girders, beams or other woodwork in proximity to a chimney, flue, steam or hot-air pipe, boiler, furnace or fireplace, shall pay a penalty in the sum of one hundred dollars. But if said violation shall be removed within ten days after the service of a notice of violation, or shall be in process of removal within said period, and be actually removed within a reasonable time thereafter, the liability for such penalty shall cease. The Corporation Counsel, on written notification by the Superintendent of Buildings of the actual removal of said violation, shall discontinue any action pending to recover such a penalty. A person who, having been served with a notice of violation, shall fail to comply with the requirements of said notice within ten days after service, and shall continue the violation in the respect named in the notice, shall be guilty of a misdemeanor.

(4) Courts Having Jurisdiction for Enforcement of Penalties—For the recovery of a penalty an action may be brought in the name of The City of New York in any municipal court or court of record in said city, and no court shall lose jurisdiction of any action by reason of a plea that the title to real estate is involved, provided the object of the action is to recover a penalty for a violation. When any judgment shall be rendered therefor, the same shall be collected and enforced as judgments of the court in which said action was commenced.

SECTION 145.

Unsafe Buildings.

(1) Notice to Make Safe—When it is reported to the Superintendent of Buildings that any building or part thereof is unsafe or dangerous, he shall immediately cause an examination of the property to be made. If this examination shows the building or any portion thereof to be unsafe or dangerous, the result thereof shall be entered upon a docket, and the Superintendent of Buildings shall at once serve notice in the manner prescribed in section 144 of this code, upon the owner or upon the person designated in section 147 of this code. Such notice shall have printed upon it a copy of section 148 of this code, and shall contain a description of the property or building deemed unsafe or dangerous, and shall require the same to be made safe and secure or removed, as may be considered necessary by the Superintendent of Buildings; and it shall require the person served therewith to immediately certify in writing to the Superintendent of Buildings his consent or refusal to secure, make safe or remove the building or part thereof. If he immediately certifies in writing his consent to comply therewith he shall be allowed until one o'clock of the day following the service of such notice in which to begin to secure, make safe or remove the builidng. He shall employ sufficient labor and materials, and immediately begin to secure, make safe or remove the same. The work shall be done as speedily as possible, and shall be continuously prosecuted to the satisfaction of the Superintendent of Buildings.

(2) Notice of Survey—Should the person so served with notice neglect or refuse to comply with any of the requirements of said notice to the satisfaction of the Superintendent of Buildings, a further notice, which shall have printed upon it a copy of sections 7 and 148 of this code, shall thereupon be served upon him in the manner heretofore prescribed. Said notice shall state that a survey of the premises specified therein will be made by a committee of surveyors, to be appointed as prescribed in section 7 of this code, at a stated time and place, which time shall not be less than twenty-four hours nor more than three days from the time of service of said notice. But if the owner proceeds to secure, make safe or remove the unsafe or dangerous building, or part thereof, and prosecutes the work in a manner satisfactory to the Superintendent of Buildings, the survey may be adjourned or cancelled at his discretion. But after the service of a notice of survey no adjournment thereof shall be granted unless the owner serves upon the Superintendent of Buildings a verified statement that he undertakes the work solely upon his own responsibility, and assumes all responsibility against danger to life, limb or property, and will hold The City of New York and the Superintendent of Buildings harmless.

(3) Survey—Should the Superintendent of Buildings deem it necessary, a survey shall be held. The committee of surveyors shall attend at the time and place specified, examine the building and immediately report in writing its opinion thereof to the Superintendent of Buildings. Should two members of the committee report the building unsafe or dangerous, a copy of their report, with a copy of the notice of survey, shall forthwith be posted in a conspicuous place upon the building. A copy of their report shall also be immediately presented by the Superintendent of Buildings to the Corporation Counsel, who shall forthwith apply to the court for a Precept directed to the Superintendent of Buildings, commanding him to remove the building or part thereof, or make the same safe and secure.

(4) A cause of action is hereby created for the benefit of The City of New York against the owner of said building and of the land upon which it is situated, for the amount of the fees, with interest, of the committee of surveyors, which action shall be prosecuted by the Corporation Counsel in the name of The City of New York.

(5) Court Proceedings—In any proceeding to remove an unsafe or dangerous building, or to make the same safe and secure, the written report of survey shall constitute the issue of fact. The said issue shall be brought to trial before a justice holding a Special Term of the court, who shall give this issue precedence over every other business, and his decision shall be final. If the decision of the court be that the building or part thereof is unsafe or dangerous, the justice shall immediately issue a Precept commanding the Superintendent of Buildings to secure, make safe or remove the unsafe or dangerous building, or such part thereof as shall be specified, permitting him in his discretion to authorize the owner to do so, as hereinafter specified, and empowering him to modify the requirements of said Precept when he shall be satisfied that such modification will secure equally well the safety of the building.

(6) Execution of Precept—The Superintendent of Buildings shall thereupon proceed to execute the Precept as therein directed. He may procure the necessary materials, ways, works and means, and employ such experts, employees, mechanics, workmen and laborers as may be necessary for that purpose; or may, in his discretion, upon payment by the owner of the unsafe or dangerous building of all costs and expenses theretofore incurred in the proceeding, issue to him an authorization to carry out the requirements of the Precept, and this work shall be immediately done to the satisfaction of the Superintendent of Buildings. If thereafter in his judgment it shall be necessary, the Superintendent of Buildings shall himself enter and execute said Precept, as heretofore prescribed. After completion of the work the Superintendent of Buildings shall cause the return to the said Special Term of the court of said Precept, with an endorsement thereon of his action thereunder, and a statement of the costs and expenses thereby incurred, including preliminary searches and surveys.

(7) Costs; Disbursements; Expenses—The justice shall thereupon tax, award, adjust and allow such costs, disbursements and expenses as may have been incurred and render judgment therefor, and direct that the same be paid by the owner of the property designated in the action, and may declare the same a lien upon said property and direct that it be sold as on a judgment in foreclosure of a mortgage upon real estate or a mechanic's lien upon real property. The subsequent proceedings shall be in the same manner and with like effect as under judgments in said forms of action; and in and about all preliminary proceedings, as well as the carrying into effect of any order of the court or any Precept issued by any court, said Superintendent of Buildings may make requisition upon the Comptroller of The City of New York for such amount or amounts of money as shall be necessary to meet the expenses thereof; and upon the same being approved by any judge or justice of the court from which the said order of Precept was issued and presented to said Comptroller, he shall pay the same, and for that purpose shall borrow and raise, upon revenue bonds, to be isued as provided in section 188 of The Greater New York Charter, the several amounts that may from time to time be required, which shall be reimbursed by the payment of the amount and interest at six per cent. out of the judgment or judgments obtained as aforesaid, if the same shall be collected.

(8) Emergency Work—If in the opinion of the Superintendent of Buildings there shall be actual and immediate danger of the falling of any building or part thereof so as to endanger life, limb or property, or there shall be any illegal or defective work, or work in violation of or not in compliance with any of the provisions or requirements of this code, he or such person as he may authorize, shall order all further work to be stopped in and about said building and require all persons to vacate the same. He shall cause such work to be done as in his judgment may be necessary to remove the danger, and he may, when necessary for the public safety, temporarily close the sidewalks and streets adajcent to such building. The Commissioner of the Police Department of The City of New York, when called upon by the Superintendent of Buildings, shall enforce such orders and requirements.

(9) Recovery of Bodies—In case a building or part thereof falls and persons are known or believed to be buried in the ruins, it shall be the duty of the Superintendent of Buildings to cause a search of the premises to be made for the rescue of the living and the recovery of the bodies of the dead. For such purpose he may temporarily hire persons, and temporarily hire or purchase the materials, ways, works and means which may be necessary. Whenever, in making such search, it shall be necessary to remove debris from the premises, it shall be the duty of the Commissioners of the various departments of The City of New York, when called upon by the Superintendent of Buildings, to co-operate, and to provide a suitable and convenient dumping place for the deposit of such debris. The Superintendent of Buildings is hereby authoried and empowered in such cases to order and require the occupants of such building, or part thereof, to vacate the same forthwith, and he may, when necessary for the public safety, close the sidewalks and streets adacent to such building, or part thereof, and prohibit the use of the same; and the Commissioner of the Police Department of The City of New York, when called upon by the Superintendent of Buildings, shall enforce such orders or requirements.

SECTION 146.

Legal Proceedings.

(1) Duty of Corporation Counsel to Proceed—Upon written request by the Superintendent of Buildings, the Corporation Counsel shall sue for and collect all penalties and take charge of and conduct all legal proceedings imposed or provided for by this code; and all suits or proceedings instituted for the enforcement of any of the several provisions of this code or for the recovery of any penalty thereunder shall be brought in the name of The City of New York, by the Corporation Counsel, to whom all notices of violation shall be returned for prosecution, and it shall be his duty to take charge of the prosecution of all such suits or proceedings, collect and receive all moneys that may be collected upon judgments, suits or proceedings so instituted, or which may be paid by any parties who have violated any of the provisions of this code and upon settlement of judgment and removal of violations thereunder, execute satisfaction therefor.

(2) Temporary Injunctions—In any action or proceeding for the enforcement of the provisions of this code The City of New York may apply to the Court for an order enjoining and restraining any violation, ordering the property vacated or prohibiting its use for any purpose whatsoever, until the hearing and determination of such action and the entry of final judgment therein.

(3) Undertaking Not Required—No undertaking shall be required from The City of New York or the Superintendent of Buildings as a condition to granting an injunction or order, or by reason thereof, in any action or proceeding.

(4) Notice of Lis Pendens; Filing by Counsel—Upon the commencement of an action or proceeding to enforce the provisions of this code, the Corporation Counsel shall file in the County Clerk's office of the County where the property is situated, a notice of lis pendens, stating the names of the persons claimed to be affected thereby, with a copy of the notice of violation or notice of survey, and proof of service thereof, and a copy of the action or proceeding instituted or to be instituted. The Corporation Counsel may, however, in his discretion, file such notice at any time.

(5) Effect of Notice of Lis Pendens—A notice filed, as prescribed in the preceding paragraph, is constructive notice to an owner or encumbrancer of the property affected thereby, and to an owner or encumbrancer thereof, from or against a person with respect to whom the notice is to be filed and indexed, as prescribed in the next paragraph. A person whose conveyance or encumbrance is subsequently executed or subsequently recorded, is bound by all proceedings taken in the action, after filing of the notice, to the same extent as if he were a party to the action.

(6) Notice of Lis Pendens to be Filed and Indexed—Each County Clerk with whom such a notice is filed shall immediately file and index it to the name of the person specified in a direction apended at the foot of the notice of lis pendens, and subscribed by the Corporation Counsel, and to the property affectd, and under the section number of the land map of the county where the property is situated.

(7) Cancellation of Notice of Lis Pendens—After an action is commenced, and is settled, discontinued, abated or final judgment is rendered therein, against The City of New York, and the time to appeal therefrom has expired, or if the Corporation Counsel unreasonably neglects to proceed with the action, the Court may, in its discretion, upon the application of any person aggrieved, and upon such notice as may be directed or approved by it, direct that the notice of lis pendens, filed as prescribed in the last paragraph, be cancelled of record by the County Clerk with whom it is filed. The cancellation shall be made by a note to that effect in the index to the names of each person and the property specified in the notice filed, referring to the order, or consent of counsel in this section provided, and a like note upon the notice filed. Unless the order is entered in the same clerk's office, a certified copy thereof shall be filed therein before the notice is cancelled.

(8) Before or after an action is commenced to enforce a notice of violation, the notice of pendency thereof shall be likewise cancelled upon the written consent of the Corporation Counsel, which consent shall be filed with and indexed by said County Clerk.

(9) Actions in Supreme Court—Except in an action for the recovery of a penalty or a criminal action, all actions and proceedings for the enforcement of the provisions of this code, shall be commenced in the Supreme Court of the County in which the property is situated and shall be entitled, under the direction of the Court, to preference in the trial or hearing thereof, over all civil actions.

(10) All courts in which any suit or proceeding is instituted under this code shall upon the rendition of a verdict, report of a referee, or decision of a judge or justice, render judgment in accordance therewith; and the said judgment so rendered shall be and become a lien upon the premises named in the complaint in any such action, to date from the time of filing in a County Clerk's office in The City of New York, where the property affected by such action, suit, or proceeding is located, of a notice of lis pendens therein; which lien may be enforced against said property, in

every respect, notwithstanding the same may be transferred subsequent to the filing of the said notice.

(11) Remedies Not Exclusive—All actions, proceedings or orders provided for in this chapter shall not be exclusive.

SECTION 147.

Designation by an Owner of a Building.

Either a resident or a nonresident of The City of New York, of full age, owning real estate or a building thereon, may execute and acknowledge in duplicate, a written designation of a resident of said City, as a person upon whom to serve a notice of violation, notice to make safe, or notice of survey, a summons, a mandate, or any paper or process, under the provisions of this code, or either of the same, and may file the same, with the written consent of the person so designated, duly acknowldeged, one in the office of the Superintendent of Buildings, and one in the office of the Clerk of the County where the real estate or building is situated. The designation must specify the residence and place of business of the person making it, and also of the person designated and the location of the property with respect to which the designation is made. It shall remain in force during the period specified therein, if any, or, if no period is specified therein, until one year after the filing thereof, but it is revoked earlier, either by the death or legal incompetency of either of the parties, or by the filing of a revocation by either of the parties, duly acknowledged, and the consent of the Superintendent of Buildings. The Clerk of the County must immediately file and index such designation, consent or revocation; and shall note, upon the original designation and index, the filing of a revocation. While the designation remains in force, as prescribed in this section, a notice of violation, notice to make safe, or notice of survey, a summons, a mandate, or any paper or process under the provisions of this code, or either of the same, may be served upon the person so designated, in like manner and with like effect, as if it were served personally upon the person making the designation, notwithstanding his presence in The City of New York.

SECTION 148.

Duty of Occupants to Notify Owner.

Should a notice of violation, a notice to make safe, or a notice of survey be served upon an occupant of real estate or a building, it shall be the duty of the person upon whom such service is made, to give immediate notice thereof to the owner of said real estate or building named in the notice, if such owner is within The City of New York and his residence is known to such person, and if he is not within the said City, by depositing such notice in a post office in The City of New York, properly enclosed in a postpaid wrapper addressed to such owner at his then known place of residence.

SECTION 149.

Costs and Fees, Awarding, Taxation and Enforcing Payment of Costs, Disbursements and Expenses.

(1) Neither Party Entitled to Cost and Disbursements, of Course—Neither party is entitled to costs and disbursements, of course, in an action brought for the collection of a penalty, or to enforce the provisions of this code. The court may, in its discretion, award costs and disbursements, or either, to a party.

(2) How Awarded and Collected—Whenever costs and disbursements, or either, are awarded to a party, they are to be taxed by the clerk, unless directed to be taxed before the Justice. They shall be collected as provided in this code, the Code of Civil Procedure, or the Municipal Court Act of The City of New York, as the case may be.

(3) Certain Costs, Disbursements and Expenses Shall be Taxed and Allowed—In all cases the following disbursements and expenses shall be awarded; namely, the fees of the members of the Committee of Surveyors as prescribed in section 4 of this code, the reasonable disbursements and expenses incurred by the Superintendent of Buildings in hiring experts, employees, mechanics, workmen and laborers, and in hiring or purchasing materials, ways, works or means, pursuant to section — of this code.

(4) Remission of Penalties—The Superintendent of Buildings is hereby authorized, in his direction, sufficient reason being shown therefor, to remit, through the Corporation Counsel, a penalty which may be incurred under the provisions of this code; also, in his discretion, to remit the costs and disbursements of an action commenced for the recovery of a penalty; but no penalty and no costs and disbursements shall be remitted until the violation shall have been removed.

SECTION 150.

Punishment for the Violation of the Provisions of this Code.

(1) Violation a Misdemeanor—A person who shall construct, alter, remove or maintain a building or any of its appurtenances in violation of any of the provisions of this code shall be guilty of a misdemeanor, punishable by a fine not exceeding five hundred dollars or by imprisonment not exceeding one year or by both fine and imprisonment. If such violation shall be removed or in process of removal within ten days after the service of a notice of violation and shall be actually removed within a reasonable time the liability for all or a portion of such penalty may cease, in the discretion of the court.

(3) False Swearing is Perjury—Any false swearing to a material fact in any vertified application or affidavit submitted in pursuance of the provisions of chapter IV. of this code is perjury.

(4) Courts Having Jurisdiction for Enforcement of Penalties—For the enforcement or recovery of a penalty an action may be brought in the name of The City of New York in any municipal court or court of record in said City, and no court shall lose jurisdiction of any action by reason of a plea that the title to real estate is involved, provided the object of the action is to recover a penalty for a violation. When any judgment shall be rendered therefor, the same shall be collected and enforced as judgments of the court in which said action was commenced.

CHAPTER XXVIII.

EXISTING ACTIONS AND LIABILITIES; INVALIDITY OF SECTIONS; REPEALING AND ENACTING CLAUSES.

SECTION 151.

Existing Actions and Liabilities.

Nothing in this code contained shall be construed to affect any action or proceeding now pending in any court, nor any rights accrued, nor liability incurred, nor any cause or causes of action accrued or existing under any acts or ordinances repealed hereby. Nor shall any right or remedy of any character existing or accrued be lost, impaired or affected by this code.

SECTION 152.

Invalidity of One Section Not to Invalidate Another.

Invalidity of any section or provision of this code shall not invalidate any other section or provision hereof.

SECTION 153.

Repealing Provisions.

All ordinances, rules and regulations of the former municipal departments and public corporations consolidated into The City of New York, affecting or relating to the construction, alteration or removal of buildings, all acts and ordinances, or parts thereof, inconsistent herewith, and the Building Code of The City of New York, are hereby repealed, except (1) that a building, an application for permission to construct or alter which, with plans and detailed drawings, shall have been filed in good faith in the Bureau of Buildings prior to the date when this code shall take effect; or in case the building be such that the application, plans and detailed drawings shall be required to be approved by the Tenement House Department, if such application, plans and detailed drawings shall have been filed in good faith in said Tenement House Department prior to the date when this code shall take effect, the building may be constructed or altered in accordance with the requirements of law in force at that time, provided always that the construction or alteration of such building is commenced within one year after the application, plans and detailed drawings are approved by the Superintendent of Buildings, and is prosecuted with reasonable continuity to the satisfaction of the Superintendent of Buildings; and (2) that nothing herein contained shall be deemed to repeal, amend, abrogate or modify in any way the provisions of the Tenement House Law.

SECTION 154.

When This Ordinance Takes Effect.

The provisions of this ordinance shall take effect sixty days after its approval by the Mayor.

Which was referred to the Committee on Buildings.

Alderman Kenneally, Chairman of the Committee on Buildings, announced that said Committee would hold public hearings on the proposed Building Code, commencing Monday, May 22, at 1 o'clock p. m.

By the President—

Resolved, That the following named persons be and they are hereby appointed Commissioners of Deeds:

No. 3553.

By the President—
Millard F. Kuh, 587 Riverside drive, Manhattan.

By the Vice-Chairman—
Rose Gottlieb, 1024 Halsey st., Brooklyn; Joseph J. Metzger, 107 Woodbine st., Brooklyn.

By Alderman Baldwin—
Daniel P. O'Connor, 107 Morningside ave., Manhattan.

By Alderman Becker—
Maurice L. Heidenheimer, 201 W. 78th st., Manhattan.

By Alderman Bolles—
Benj. R. Buffett, 2013 5th ave., Manhattan; Henry C. Neuwirth, 610 Riverside drive, Manhattan.

By Alderman Boschen—
Charles A. Glaser, 513 W. 150th st., Manhattan.

By Alderman Brady—
Jacob N. Kub, Fairview ave., Rockaway Beach, Queens.

By Alderman Brush—
John T. Griffin, 2748 Broadway, Manhattan; Norberth Pfeffer, 244 W. 114th st., Manhattan; Elsworth L. Striker, 172 W. 109th st., Manhattan; J. Howard Wessells, 53 W. 72d st., Manhattan.

By Alderman Callaghan—
Morris Cohen, 558 7th st., Brooklyn.

By Alderman Campbell—
Oscar A. Lewis, 215 Montague st., Brooklyn; Chas. N. Davenport, 215 Montague st., Brooklyn; Joseph C. Israel, 1417 75th st., Brooklyn; George R. Holahan, Jr., 389 Sterling place, Brooklyn; Rutherford S. Moorhead, 387 Bergen st., Brooklyn.

By Alderman Carberry—
John T. Kenny, 48 Johnson st., Brooklyn.

By Alderman Coleman—
Harry C. Wingate, 1462 Bedford ave., Brooklyn; Frank M. Graham, 242 Emerson place, Brooklyn; John V. Hayer, 234 Ralph st., Brooklyn; Herbert M. Jacobson, 443 Park ave., Brooklyn.

By Alderman Curran—
Miriam Bromberger, 29 6th ave., Manhattan; Joseph Paone, 7½ Jane st., Manhattan.

By Alderman Davis—
Louis H. Hambro, 27-29 East 124th st., Manhattan.

By Alderman Desmond—
George Helfgott, 6 East 107th st., Manhattan.

By Alderman Diemer—
Maurice Dornbusch, 193 Tompkins ave., Brooklyn; Bernhard M. Biber, 691 Broadway, Brooklyn; Harry Burnstine, 182 Pulaski st., Brooklyn; Walter H. Cragg, 155 Amity st., Brooklyn.

By Alderman Dotzler—
Joseph E. Marks, 460 W. 34th st., Manhattan; Paul J. Karl, 1846 Park ave., Manhattan; S. D. Goodman, 735 E. 9th st., Manhattan.

By Alderman Downing—
Mary F. A. Curran, 346 State st., Brooklyn; Isaac Alkus, 9[illegible]-90 Fulton st., Brooklyn.

By Alderman A. S. Drescher—
John Blumenthal, 423 Sackman st., Brooklyn.

By Alderman Eichhorn—
Charles Hertle, 253 Saratoga ave., Brooklyn.

By Alderman Esterbrook—
Clarence H. Jacobs, 156 Hancock st., Brooklyn; Helen Simmons, 524 Lafayette ave., Brooklyn.

By Alderman Fagan—
Julius Meyers, 1317 Prospect ave., The Bronx.

By Alderman Fink—
Edgar Hicks, 172 Fisk ave., West New Brighton, Richmond; Samuel Wechsler, 60 Jersey st., New Brighton, Richmond.

By Alderman Folks—
W. Holden Weeks, 789 Madison ave., Manhattan.

By Alderman Godwin—
Gerald J. Barry, 2529 Grand ave., The Bronx.

By Alderman Grimm—
Otto C. Infanger, 2634 Atlantic ave., Brooklyn.

By Alderman Hamilton—
Norbert Blank, 2329 Creston ave., The Bronx.

By Alderman Hannon—
Abraham J. Norris, 17 Barrow st., Manhattan.

By Alderman Herbst—
Miriam Weiss, 841 Kelly st., The Bronx; Gerard Luisi, 921 E. 179th st., The Bronx; Eugene Odell, 681 E. 170th st., The Bronx.

By Alderman Hickey—
Fridolin Weber, 372 E. 155th st., The Bronx; Ambrose M. Norris, 953 Fox st., The Bronx.

By Alderman Kenneally—
George Banger, 310 2d ave., Manhattan; Olga Strauss, 201 W. 148th st., Manhattan; E. Harris Janes, 2205 Sedgwick ave., The Bronx.

By Alderman Kenney—
Morris Cohen, 175 Remsen st, Brooklyn.

By Alderman Levine—
Alexander Karlin, 320 Broadway, Manhattan; Edward G. Rosenheim, 163d st. and St. Nicholas ave., Manhattan; Israel Sachs, 2 E. 107th st., Manhattan; Alexander Wolf, 82 Forsyth st., Manhattan.

By Alderman Marx—
Chester E. Frankel, 924 Prospect ave., The Bronx; Abraham Goldfarb, 256 Bleecker st., Manhattan; Samuel J. Siegel, 520 W. 144th st., Manhattan.

By Alderman Meagher—
W. A. Dempsey, 425 74th st., Brooklyn.

By Alderman Morrison—
J. Franklin Tausch, 1208 Beverly road, Brooklyn; John F. Kennedy, 1385 Flatbush ave., Brooklyn; S. Ralph Tiffany, 320 93d st., Brooklyn; S. Walter Free, 920 Prospect place, Brooklyn; O. C. Kidney, 176 Clarkson ave., Brooklyn; A. M. Fowler, 743 E. 31st st., Brooklyn; Walter A. Mulvihill, Bedford ave. and Pacific st., Brooklyn; Roswell S. Hunt, 1507 Union st., Brooklyn.

By Alderman Mulhearn—
Cornelius B. Parker, 2543 Walker ave., The Bronx.

By Alderman Nicoll—
George L. Donnellan, 243 W. 56th st., Manhattan.

By Alderman Potter—
Joseph Ropp, 6317 New Utrecht ave., Brooklyn; B. O. Pallin, 1427 Bath ave., Brooklyn; Samuel Cohn, 1339 43d st., Brooklyn.

By Alderman Ruff—
Peter Lopipero, 37 E. 39th st., Manhattan; Jesse Newman, 35 W. 129th st., Manhattan.

By Alderman Schloss—
Adolph B. Rosenfield, 100 Broadway, Manhattan; Samuel P. Goldman, 407 Central Park West, Manhattan.

By Alderman Sheridan—
Emanuele Burlando, 3641 Willett ave., The Bronx; Leo Fleischmann, 948 Trinity ave., The Bronx.

By Alderman Shipley—
Herbert Amberman, Springfield Gardens, N. Y., Queens.

By Alderman Smith—
Anthony J. Pascocello, 222 Lafayette st., Manhattan; Samuel Cherin, 470 Grand st., Manhattan; Esther Gross, 29 Lewis st., Manhattan.

By Alderman Snell—
Lewis B. Moore, 155 Bowne ave., Flushing, Queens.
By Alderman Towen—
Richard A. Coleman, 361 W. 42d st., Manhattan.
By Alderman Van Nostrand—
Henry Barnett, 33 E. 125th st., Manhattan.
By Alderman Weston—
James O. Miller, 51 Chauncey st., Brooklyn.
By Alderman White—
Lydia I. Jones, 44 Court st., Manhattan; Walter J. Egan, 229 E. 12th st., Manhattan.
By Alderman Willard—
Harry H. Morton, 515 W. 135th st., Manhattan; David Bernstein, 151 W. 140th st., Manhattan; Jacob M. Shapiro, 2619 8th ave., Manhattan.

The Vice-Chairman put the question whether the Board would agree with said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Bolles, Boschen, Brady, Brush, Callaghan, Campbell, Carberry, Cole, Cornell, Cunningham, Curran, Delaney, Desmond, Diemer, Dotzler Dowling, A. S. Drescher, W. Drescher, Dujat, Esterbrook, Fagan, Fink, Finley, Finnigan, Folks, Gaynor, Godwin, Grimm, Hamilton, Heffernan, Herbst, Hickey, Kenneally, Kenney, Loos, McAleer, McCann, Markert, Morrison, Mulhearn, Nicoll, Potter, Reardon, Shipley, Smith, Van Nostrand, Wendel, Weston, Willard; the Vice-Chairman—51.

No. 3554.

By Alderman Becker—

Resolved, That permission be and the same is hereby given to A. Posner, of 101 W. 93d st., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department. Such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 3555.

By the same—

Resolved, That permission be and the same is hereby given to Jennie Kaplan to place and keep a stand for the sale of newspapers and periodicals, upon payment of the usual license fee therefor, adjacent to the subway station in the triangle at 72d st. and Broadway, in the Borough of Manhattan, provided the said stand shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at her own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3556.

By Alderman Boschen—

Resolved, That permission be and the same is hereby given to Carl Schmuhl to erect, place and keep storm doors within the stoop line in front of 1840 Amsterdam ave., in the Borough of Manhattan, provided the said storm doors shall be erected so as to conform in all respects with the ordinance in such case made and provided, not be used for advertising purposes; the work to be done at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3557.

By Alderman Brady—

Resolved, That permission be and the same is hereby given to Louis T. Meyers to place and keep a watering trough on the sidewalk near the curb on the northeast corner of Grand st. and Caldwell ave., Maspeth, in the Borough of Queens; the work to be done and water supplied at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3558.

By Aldermen Brush—

Resolved, That permission be and the same is hereby given to Charles L. Fox to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan under the supervision of the Police Department. Such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 3559.

By Alderman Campbell—

Resolved, That permission be and the same is hereby given to Dominico Porco to place and keep a stand for bootblacking purposes upon payment of the usual license fee therefor, within the stoop line of the public property at 117 Flatbush ave., in the Borough of Brooklyn, provided the said stand shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3560.

By Alderman Dowling—

We, the undersigned, a majority of the New York County members of the Board of Aldermen for the years 1910-1911, representing the Democratic party, being one of the principal political parties into which the people of the County of New York are divided, do hereby designate for the year 1911, in accordance with the provisions of chapter 97 of the Laws of 1911, the Bronx Star, a paper published in the Borough of The Bronx, in said County of New York and fairly representing the said Democratic party, to publish the Session Laws and Concurrent Resolutions of the Legislature of the State of New York, required by law to be published.

Dated, May 16, 1911.

Resolved, That pursuant to the provisions of chapter 97 of the Laws of 1911, an act to amend "an act in relation to legislation, constituting chapter 32 of the consolidated laws," in regard to the publication of laws passed by the legislature, in four newspapers in the County of New York, the "Bronx Star" (Democratic), whose place of publication is in the Borough of The Bronx, in the County of New York, is hereby designated as one of the two newspapers in which shall be published the Session Laws and Concurrent Resolutions of the Legislature of the State of New York for the year 1911, in said Borough.

FRANK L. DOWLING, CHARLES DELANEY, JOSEPH M. HANNON. W. J. DESMOND, LAWRENCE J. FAGAN, JOHN J. HICKEY, JOHN McCANN, SAMUEL MARX, WM. P. KENNEALLY, JOHN J. WHITE, JAMES J. NUGENT, JOHN J. REARDON, THOMAS F. BALDWIN, JOHN LOOS.

The Vice-Chairman put the question whether the Board would agree with said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Barton, Becker, Boschen, Brush, Campbell, Carberry, Cornell, Cunningham, Curran, Delaney, Dotzler, Dowling, A. S. Drescher, W. Drescher, Dujat, Fagan, Fink, Grimm, Hannon, Heffernan, Herbst, Kenneally, Kenney, Levine, Loos, McAleer, McCann, Markert, Mulhearn, Nugent, Reardon, Ruff, Schloss, Sheridan, Smith, Snell, Stapleton, Towen, Wendel, White, Willard; the Vice-Chairman—43.

No. 3561.

By the same—

Resolved, That permission be and the same is hereby given to A. Taub to erect, place and keep two storm doors, one on the corner and one on the side, within the stoop line of his premises on the southwest corner of 30th st. and 7th ave., in the Borough of Manhattan, provided the said storm doors shall be erected so as to conform in all respects with the ordinance in such case made and provided, not be used for advertising purposes; the work to be done at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3562.

By Alderman Downing—

Resolved, That permission be and the same is hereby given to the American Talking Machine Co., of 368 Livingston st., Brooklyn, to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Brooklyn, under the supervision of the Police Department, such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 3563.

By Alderman A. S. Drescher—

Resolved, That permission be and the same is hereby given to Jacob E. Dwin to place and keep show cases within the stoop line in front of 1697 Pitkin ave., in the Borough of Brooklyn, provided the said show cases shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3564.

By Alderman W. Drescher—

Resolved, That permission be and the same is hereby given to J. Sudendorf to place and keep a booth within the stoop line in front of 76-78 Church st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3565.

By Alderman Gaynor—

Resolved, That his Honor the Mayor be and he is hereby requested to return to this Board for further consideration a resolution now in his hands, Int. No. 3530, to permit the Veteran Association of the 79th Regiment to parade.

The paper was then received from his Honor the Mayor, and is as follows:

No. 3530.

Resolved, That permission be and the same is hereby given to the Veteran Association of the 79th Regiment to parade with music on the occasion of a church service, on Sunday, May 14, 1911, from 7th ave. and 54th st., to 59th st., to 8th ave., to Central Park West, and 96th st. and return, in the Borough of Manhattan; provided said parade shall in no wise interfere with services which may be held in any place of worship along said line of march on said day; such permission to continue only for the day and date herein mentioned.

On motion of Alderman Gaynor the vote by which the above resolution was adopted was reconsidered.

The paper was then placed on file.

No. 3566.

By Alderman Hamilton—

That permission be and the same is hereby given to P. H. Lennon to place and keep a watering trough on the sidewalk near the curb in front of the premises at the northeast corner of 167th st. and Jerome ave., Bronx; the work to be done and the water supplied at his own expense, under the direction of the Borough President. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3567.

By Alderman Hannon—

Resolved, That it is recommended to the Commissioner of Water Supply, Gas and Electricity that a watering trough be located and maintained on the sidewalk near the curb on the southwest corner of 11th and Greenwich sts., in the Borough of Manhattan.

Which was adopted.

No. 3568.

By Alderman Heffernan—

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of fourteen hundred dollars ($1,400), the proceeds whereof to be used by the Surrogate of Kings County for the purpose of providing means for the payment of the salaries of two Comparers at the rate of twelve hundred dollars ($1,200) each, from June 1 to December 31, 1911.

No. 3569.

By Alderman Heffernan—

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of twenty-one thousand dollars ($21,000), the proceeds whereof to be used by the President of the Borough of Brooklyn for the purpose of making alterations and refurnishing the premises situate southeast corner Willoughby and Raymond sts., Borough of Brooklyn, used as a civil prison.

Which were severally referred to the Committee on Finance.

No. 3570.

By Alderman Levine—

Resolved, That permission be and the same is hereby given to Wolf Granowitz and Sam Wagloy to place and keep a booth within the stoop line in front of 195 Division st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at their own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3571.

By the same—

Resolved, That permission be and the same is hereby given to Molie Maas to place and keep a show case within the stoop line in front of 159 Delancey st., in the Borough of Manhattan, provided the said show case shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3572.

By the same—

Resolved, That permission be and the same is hereby given to Jacob Aronowitz to erect, place and keep an awning or marquise of iron and glass in front of 60 Rivington st., in the Borough of Manhattan, provided the said awning or marquise shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3573.

By Alderman McCann—

Resolved, That permission be and the same is hereby given to G. F. Dumas and F. Delenne to erect, place and keep an awning or marquise of iron and glass in front of 941-943 8th ave., in the Borough of Manhattan, provided the said awning or marquise shall be erected so as to conform in all respects with the ordinance in such case made and provided, not be used for advertising purposes; the work to be done at their own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3574.

By Alderman Markert—

Resolved, That permission be and the same is hereby given to M. Sanfino to place and keep a barber pole within the stoop line in front of 103 Graham ave., in the Borough of Brooklyn, provided the said barber pole shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of

the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3575.

By the same—

Resolved, That permission be and the same is hereby given to the Kessler Theatre Co. to drive an advertising wagon through the streets and thoroughfares of the Borough of Brooklyn, under the supervision of the Police Department. Such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was referred to the Committee on Streets, Highways and Sewers.

No. 3567.

By Alderman Marx—

Resolved, That permission be and the same is hereby given to L. Saphier, of 171 Lenox ave., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department. Such permission to continue only for a period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 3577.

By the same—

Resolved, That permission be and the same is hereby given to Charles Bower to keep and maintain a watering trough on the sidewalk near the curb in front of premises 218 St. Nicholas ave., in the Borough of Manhattan; the work to be done and the water supplied at his own expense; such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3578.

By the same—

Resolved, That permission be and the same is hereby given to Cox Pneumatic Cushion Company, of 256 Broadway, to parade an automobile with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department. Such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was referred to the Committee on Streets, Highways and Sewers.

No. 3579.

By the same—

Resolved, That permission be and the same is hereby given to Levy & Epstein to erect, place and keep a temporary awning or canopy in accordance with section 259a of the Code, across the sidewalk in front of 160-162 E. 112th st., in the Borough of Manhattan, provided the said awning or canopy shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at their own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3580.

By Alderman Meagher—

Resolved, That permission be and the same is hereby given to M. Gerrity to erect, place and keep a storm door within the stoop line in the southeast corner of 56th st. and 5th ave., in the Borough of Brooklyn, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3581.

By Alderman Nicoll—

Resolved, That permission be and the same is hereby given to Josephson Bros. to place and keep a show case within the stoop line in front of their premises on 40th st., near the northwest corner of Broadway and 40th st., in the Borough of Manhattan, provided the said show case shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at their own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3582.

By Alderman Nugent—

Resolved, That permission be and the same is hereby given to Charles Moser to erect, place and keep a storm door within the stoop line in front of the northwest corner of 1st ave. and 70th st., in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3583.

By Alderman Reardon—

Resolved, That permission be and the same is hereby given to the Memorial and Executive Committee of New York County Spanish War Veterans, to parade with music on Memorial Sunday afternoon, May 28, 1911, from the 12th Regiment Armory to St. Patrick's Cathedral, where the yearly service in memory of the soldier and sailor dead will take place. Parade in nowise to interfere with services which may be held in any place of worship along the line of march on that day.

Which was adopted.

No. 3584.

By Alderman Shipley—

Resolved, That permission be and the same is hereby given to the Chilton Company to parade one man with an advertising sign through the streets and thoroughfares of Jamaica, Borough of Queens, under the supervision of the Police Department. Such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 3585.

By Alderman Stapleton—

Resolved, That permission be and the same is hereby given to the Societa Maria S. S. del Soccorso to suspend a banner across the highway between 1 and 2 Monroe st., in the Borough of Manhattan; said banner to be suspended only during the celebration in honor of the said society's patron saint.

Which was referred to the Committee on Streets, Highways and Sewers.

No. 3586.

By Alderman Towen—

Resolved, That permission be and the same is hereby given to John J. Quigley to erect, place and keep a storm door on the 38th st. side of his premises on the southwest corner of 8th ave. and 38th st., in the Borough of Manhattan; provided the said storm door shall be erected so as to conform in all respects with the ordinance in such case made and provided, not be used for advertising purposes. The work to be done at his own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3587.

By Alderman Van Nostrand—

Resolved, That, in accordance with the provisions of section 249 of Part I. of the Code of Ordinances, permission be and the same is hereby given to the Salvation Army to erect, place and keep a balcony in front of its new building, 157 E. 125th st., in the Borough of Manhattan; provided said balcony shall be erected so as to conform in all respects with the provisions of the tenth paragraph of section 144 of the Building Code; said balcony to be erected at said army's own expense, under the direction and supervision of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3588.

By Alderman White—

Resolved, That permission be and the same is hereby given to Wm. A. Norris to erect, place and keep storm door on the corner of his premises, 325 Bowery, Borough of Manhattan, provided said storm door shall be erected so as to conform in all respects with the ordinances in such case made and provided, not be used for advertising purposes, the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3589.

By Alderman Willard—

Resolved, That permission be and the same is hereby given to Simon Bros. to erect, place and keep storm doors within the stoop line of their premises on the northeast corner of Lenox ave. and 133d st. (two on Lenox ave. and one on 133d st.), in the Borough of Manhattan; provided the said storm doors shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at their own expense, under the direction of the President of the Borough. Such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 3590.

By Alderman Dowling—

Whereas, Several employees of the City of New York are members of the United Spanish War Veterans, an organization devoted to the support of the national government and to the furtherance of patriotic principles; and

Whereas, It is customary for the members of the said organization to participate in the memorial services on the Sunday preceding Memorial Day, and which happens this year on May 28th; and

Whereas, The State Encampment of the Department of New York of said organization will be held in the City of Poughkeepsie, this State, on the third, fourth and fifth days of July, 1911; now be it therefore

Resolved, That the heads of all Departments and Bureaus, therefore, of said City of New York, be and they are requested to grant leave of absence with pay, provided they can be paid under the law, on May 28, to all city employees who are members of said organization, in order to enable them to participate in the said observances of Memorial Sunday, and leave of absence for the third, fourth and fifth days of July, 1911, to all City employees who shall be elected delegates or alternates by said organization to attend the said State Encampment at Poughkeepsie.

Which was adopted.

Alderman Reardon moved that the Board do now adjourn.

The Vice-Chairman put the question whether the Board would agree with said motion.

Which was decided in the affirmative.

And the Vice-Chairman declared that the Board stood adjourned until Tuesday, May 23, 1911, at 1.30 o'clock p. m.

P. J. SCULLY, City Clerk, and Clerk of the Board of Aldermen.

CHANGES IN DEPARTMENTS, ETC.

DEPARTMENT OF FINANCE.

May 17—Changes in this Department: Dominick Albanese, a Clerk in the Office of the City Paymaster, died May 13, 1911.

Robert J. O'Sullivan, Searcher in Brooklyn Office, Bureau for Collection of Assessments and Arrears, has tendered his resignation, which has been accepted, taking effect at the close of business May 31, 1911.

DEPARTMENT OF DOCKS AND FERRIES.

May 16—Thomas Johntry, Dock Laborer, died on the 11th inst.

BOARD OF EDUCATION.

May 16—Frederick Winkler, Electrician, Second Class, on the Training Ship "Newport," was discharged on May 8, 1911, at his own request.

W. Kuriki, Cabin Steward on the Training Ship "Newport," was discharged on May 11, 1911, at his own request.

Suechi Inuguka shipped as Cabin Steward on the Training Ship "Newport" on May 12, 1911, with salary at the rate of $45 per month.

DEPARTMENT OF PARKS.

May 16—Discharged for Lack of Work, May 13: Anna F. Curran, 134 Lexington ave., Stenographer and Typewriter (temporary).

Appointed—Patrick Cleary, 228th st. and White Plains ave., Driver with wagon and team, at $4.50 per diem.

Reassigned—Emma Smith, Grant ave., Westchester, N. Y., Cleaner, to take effect May 11, and Charles A. Klein, 495 St. Pauls place, Park Laborer, to take effect May 16.

Park Laborers Appointed—Arby G. Field, 501 E. Tremont ave.; John Goldsmid, 450 E. 139th st.; Eugene Esposito, 2425 Hoffman st.; James Haight, 435 E. 136th st.; George B. Wheeler, 17 W. 184th st.; George B. Shea, 2732 Marion ave.; William Hawkes, 190th st. and Aqueduct ave.; Henry J. McNamara, 1462 Brook ave.; William Myers, 2535 Hughes ave.; William Haggerty, 177th st. and Southern boulevard; Edward McGowan, 1668 Bathgate ave.; Michael Crotty, 259 E. 181st st.; Henry Roehessen, Albany Post road, west side; James A. Dillon, 25 Buchanan place; Charles S. Knoll, 2600 Decatur ave.; William J. Fash, 354 E. 194th st.; William Doolan, 3907 Heath ave.; William L. Gilmartin, Riverdale; William Krug, 246 E. Tremont ave.; August Fischer, 3482 Park ave.; John H. Keeling, 520 E. 146th st.; Martin A. Smith, 1123 Lind ave.; James Miley, 1923 Pilgrim ave.; Agostino Caserto, 2325 Arthur ave.; William Watts, 4428 Park ave.; Robert Mangel, 3023 3d ave.; Herman Oldenbuttel, 3766 White Plains ave.; Joseph R. Kraemer, 3533 3d ave.; Ernest L. Smith, Pelham ave., Bronxdale; Luigi Nardone, 2464 Hughes st.; Owen Tearney, 316 E. 141st st.; Henry Blaich, 657 Pelham ave.; Michael Connors, 1233 Webster ave.; Anthony Rago, 2413 Cambrelling ave.; John Cusack, 2413 Boulevard and Concourse; William Sullivan, Bronx boulevard and 222d st.; William C. Dinnen, 2324 Cambrelling ave.; John Flanagan, 653 St. Anns ave.; Anthony Loschinger, 41 W. 183d st.; Charles E. Gobin, 838 Gerard ave.; Raffaelo Sabio, 40 Villa ave.; Harris Hacker, 1502 Brook ave.; and Adolph Segal, 1502 Brook ave., at $2.50 per diem, to take effect May 13.

DEPARTMENT OF BRIDGES.

May 17—Oscar F. Redman, 614 65th st., Brooklyn, is appointed as Bridge Painter at $4 per day.

May 17—The discharge of John F. Heaney, 363 Lincoln road, Brooklyn, to take effect May 20, 1910, has been rescinded and he has this day been reassigned to duty as a Bridge Keeper in the Department of Bridges at a compensation of $900 per annum.

OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business and at which the Courts regularly open and adjourn, as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts.

CITY OFFICES.

MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
WILLIAM J. GAYNOR, Mayor.
Robert Adamson, Secretary.
William B. Meloney, Executive Secretary.
James A. Rierdon, Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.

Room 7, City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
John L. Walsh, Commissioner.
Telephone, 4334 Cortlandt.

BUREAU OF LICENSES.

9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
———, Chief of Bureau.
Principal Office, Room 1, City Hall.
Branch Office, Room 12A, Borough Hall, Brooklyn.
Branch Office, Richmond Borough Hall, Room 23, New Brighton, S. I.
Branch Office, Hackett Building, Long Island City, Borough of Queens.

ARMORY BOARD.

Mayor William J. Gaynor, the Comptroller, William A. Prendergast; the President of the Board of Aldermen, John Purroy Mitchel; Brigadier-General George Moore Smith, Brigadier-General John G. Eddy, Commodore J. W. Miller, the President of the Department of Taxes and Assessments, Lawson Purdy.

Clark D. Rhinehart, Secretary, Room 6, Basement, Hall of Records, Chambers and Centre streets.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3900 Worth.

ART COMMISSION.

City Hall, Room 21.
Telephone call, 1197 Cortlandt.
Robert W. de Forest, Trustee Metropolitan Museum of Art, President; Herbert Adams, Sculptor, Vice-President; Charles Howland Russell, Trustee of New York Public Library, Sec-

retary; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences; William J. Gaynor, Mayor of The City of New York; Frederic B. Pratt, Francis C. Jones, Painter; R. T. H. Halsey, I. N. Phelps Stokes, Architect; John Bogart.
John Quincy Adams, Assistant Secretary.

BELLEVUE AND ALLIED HOSPITALS.

Office, Bellevue Hospital, Twenty-sixth street and First avenue.
Telephone, 4400 Madison Square.
Board of Trustees—Dr. John W. Brannan, President; James K. Paulding, Secretary; Arden M. Robbins, James A. Farley, Samuel Sachs, Leopold Stern; John G. O'Keeffe, Michael J. Drummond ex-officio.
General Medical Superintendent, Dr. W. H. Smith.

BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
John Purroy Mitchel, President.
P. J. Scully, City Clerk.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 a. m. to 5 p. m., Saturdays, 12 m.
Joseph P. Hennessy, President.
William C. Ormond.
Antonio C. Astarita.
Thomas J. Drennan, Secretary.
Telephone, 29, 30 and 31 Worth.

BOARD OF AMBULANCE SERVICE.

President, Commissioner of Police, James C. Cropsey; Secretary, Commissioner of Public Charities, M. J. Drummond; Dr. John W. Brannan, President of the Board of Trustees of Bellevue and Allied Hospitals; Dr. Royal S. Copeland, Wm. I. Spiegelberg.
Office of Secretary, Foot of East 26th street.
Telephone, Madison Square 7400.

BOARD OF ELECTIONS.

Headquarters, General Office, No. 107 West Forty-first street.
J. Gabriel Britt, President; William Leary, Secretary; J. Grattan MacMahon, Commissioner; John E. Smith, Commissioner.
Michael T. Daly, Chief Clerk.
Telephone, 2946 Bryant.

BOROUGH OFFICES.

Manhattan.
No. 112 West Forty-second street.
William C. Baxter, Chief Clerk.
Telephone, 2946 Bryant.

The Bronx.
One Hundred and Thirty-eighth street and Mott avenue (Solingen Building).
John L. Burgoyne, Chief Clerk.
Telephone, 336 Melrose.

Brooklyn.
No. 42 Court street (Temple Bar Building).
George Russell, Chief Clerk.
Telephone, 693 Main.

Queens.
No. 46 Jackson avenue, Long Island City.
Carl Voegel, Chief Clerk.
Telephone, 663 Greenpoint.

Richmond.
Borough Hall, New Brighton, S. I.
Alexander M. Ross, Chief Clerk.
Telephone, 1000 Tompkinsville.
All offices open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; the Comptroller, President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

OFFICE OF THE SECRETARY.

No. 277 Broadway, Room 1406. Telephone 2280 Worth.
Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Adee, Clerk to Board.

OFFICE OF THE CHIEF ENGINEER.

Nelson P. Lewis, Chief Engineer, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.
Arthur S. Tuttle, Engineer in charge Division of Public Improvements, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.
Harry P. Nichols, Engineer in charge Division of Franchises, No. 277 Broadway, Room 801. Telephone, 2282 Worth.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

BOARD OF EXAMINERS.

Rooms 6027 and 6028, Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 5840 Gramercy.
George A. Just, Chairman. Members: William Crawford, Lewis Harding, Charles G. Smith, William A. Boring and John P. Leo.
Edward V. Barton, Clerk.
Board meeting every Tuesday at 2 p. m.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Office, No. 148 East Twentieth street.
Patrick A. Whitney, Commissioner of Correction, President.
Wm. E. Wyatt, Judge, Special Sessions, First Division.
Robert J. Wilkin, Judge, Special Sessions, Second Division.
Frederick B. House, City Magistrate, First Division.
Edward J. Dooley, City Magistrate, Second Division.
Samuel B. Hamburger, John C. Heintz, Rosario Maggio, Richard E. Troy.
Thomas R. Minnick, Secretary.
Telephone, 1047 Gramercy.

BOARD OF REVISION OF ASSESSMENTS.

William A. Prendergast, Comptroller.
Archibald R. Watson, Corporation Counsel.
Lawson Purdy, President of the Department of Taxes and Assessments.
John Korb, Jr., Chief Clerk, Finance Department, No. 280 Broadway.
Telephone, 1200 Worth.

BOARD OF WATER SUPPLY.

Office, No. 165 Broadway.
Charles Strauss, President; Charles N. Chadwick and John F. Galvin, Commissioners.
Joseph P. Morrissey, Secretary.
J. Waldo Smith, Chief Engineer.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4310 Cortlandt.

COMMISSIONER OF ACCOUNTS.

Raymond B. Fosdick, Commissioner of Accounts.
Rooms 114 and 115, Stewart Building, No. 280 Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4315 Worth.

CHANGE OF GRADE DAMAGE COMMISSION.

Office of the Commission, Room 219, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City.
William D. Dickey, Michael J. Flaherty, David Robinson, Commissioners. Lamont McLoughlin, Clerk.
Regular advertised meetings on Monday, Tuesday and Thursday of each week at 2 o'clock p. m.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3254 Worth.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11, 12; 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
P. J. Scully, City Clerk and Clerk of the Board of Aldermen.
Joseph F. Prendergast, First Deputy.
John T. Oakley, Chief Clerk of the Board of Aldermen.
Joseph V. Sculley, Clerk, Borough of Brooklyn.
Matthew McCabe, Deputy City Clerk, Borough of The Bronx.
George D. Frenz, Deputy City Clerk, Borough of Queens.
Joseph F. O'Grady, Deputy City Clerk, Borough of Richmond.

CITY RECORD OFFICE.

BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS.

Supervisor's Office, Park Row Building, No. 21 Park Row. Entrance, Room 809, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1505 and 1506 Cortlandt.
Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.
David Ferguson, Supervisor; Henry McMillen, Deputy Supervisor; C. McKemy, Secretary.

COMMISSIONER OF LICENSES.

Office, No. 277 Broadway.
Herman Robinson, Commissioner.
Samuel Prince, Deputy Commissioner.
John J. Caldwell, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2828 Worth.

COMMISSIONERS OF SINKING FUND.

William J. Gaynor, Mayor, Chairman; William A. Prendergast, Comptroller; Robert R. Moore, Chamberlain; John Purroy Mitchel, President of the Board of Aldermen, and Frank L. Dowling, Chairman Finance Committee, Board of Aldermen, members; Henry J. Walsh, Deputy Chamberlain, Secretary.
Office of Secretary, Room 69, Stewart Building, No. 280 Broadway, Borough of Manhattan Telephone, 4270 Worth.

DEPARTMENT OF BRIDGES.

Nos. 13-21 Park Row.
Kingsley L. Martin, Commissioner.
William H. Sinnott, Deputy Commissioner.
Edgar E. Schiff, Secretary.
Office hours, 9 a. m. to 5 p. m.
Saturdays, 9 a. m. to 12 m.
Telephone, 6080 Cortlandt.

DEPARTMENT OF CORRECTION.

CENTRAL OFFICE.

No. 148 East Twentieth street. Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1047 Gramercy.
Patrick A. Whitney, Commissioner.
William J. Wright, Deputy Commissioner.
John B. Fitzgerald, Secretary.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.
Telephone, 300 Rector.
Calvin Tomkins, Commissioner.
B. F. Cresson, Jr., Deputy Commissioner.
William J. Barney, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m. (in the month of August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in July, and the second and fourth Wednesdays in every month, except July and August.
Richard B. Aldcrofft, Jr.; Reba C. Bamberger (Mrs.); Nicholas J. Barrett, Charles E. Bruce, M. D.; Joseph E. Cosgrove, Francis P. Cunnion, Thomas M. De Laney, Martha Lincoln Draper (Miss); Horace E. Dresser, Alexander Ferris, George J. Gillespie, John Greene, Robert L. Harrison, Louis Haupt, M. D.; Hugo Kanzler, Max Katzenberg, Olivia Leventritt (Miss); Jeremiah T. Mahoney, Alrick H. Man, John Martin, Robert E. McCafferty, Dennis J. McDonald, M. D.; Patrick F. McGowan, Herman A. Metz, Ralph McKee, Frank W. Meyer, Augustus C. Miller, George C. Miller, Louis Newman, Antonio Pisani, M. D.; Alice Lee Post (Mrs.), Helen C. Robbins (Mrs.), Arthur S. Somers, Abraham Stern, M. Samuel Stern, Cornelius J. Sullivan, James E. Sullivan, Michael J. Sullivan, Bernard Suydam, Rupert B. Thomas, John R. Thompson, Alphonse Weiner, John Whalen, Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.
Egerton L. Winthrop, Jr., President.
John Greene, Vice-President.
A. Emerson Palmer, Secretary.
Fred H. Johnson, Assistant Secretary.
C. B. J. Snyder, Superintendent of School Buildings.
Patrick Jones, Superintendent of School Supplies.
Henry R. M. Cook, Auditor.
Thomas A. Dillon, Chief Clerk.
Henry M. Leipziger, Supervisor of Lectures.
Claude G. Leland, Superintendent of Libraries.
A. J. Maguire, Supervisor of Janitors.

BOARD OF SUPERINTENDENTS.

William H. Maxwell, City Superintendent of Schools, and Andrew W. Edson, John H. Haaren, Clarence E. Melaney, Thomas S. O'Brien, Edward B. Shallow, Edward L. Stevens, Gustave Straubenmuller, John H. Walsh, Associate City Superintendents.

DISTRICT SUPERINTENDENTS.

Darwin L. Bardwell, William A. Campbell, John J. Chickering, John W. Davis, John Dwyer, James M. Edsall, Matthew J. Elgas, William L. Ettinger, Cornelius D. Franklin, John Griffin, M. D.; Ruth E. Granger, John L. N. Hunt, Henry W. Jameson, James Lee, Charles W. Lyon, James J. McCabe, William J. O'Shea, Julia Richman, Alfred T. Schauffler, Alfred Shiels, Edgar Dubs Shimer, Seth T. Stewart, Edward W. Stitt, Grace C. Strachan, Joseph S. Taylor, Joseph H. Wade.

BOARD OF EXAMINERS.

William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith, Examiners.

BOARD OF RETIREMENT.

Egerton L. Winthrop, Jr., Abraham Stern, Cornelius J. Sullivan, William H. Maxwell, Josephine E. Rogers, Mary A. Curtis, Lyman A. Best, Principal P. S. 108, Brooklyn, Secretary.
Telephone, 5580 Plaza.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1200 Worth.
WILLIAM A. PRENDERGAST, Comptroller.
Douglas Mathewson and Edmund D. Fisher, Deputy Comptrollers.
Hubert L. Smith, Assistant Deputy Comptroller.
George L. Tirrell, Secretary to the Department.
Arthur C. McKeever, Clerk to the Comptroller.
Thomas W. Hynes, Supervisor of Charitable Institutions.
Walter S. Wolfe, Chief Clerk.

BUREAU OF AUDIT.

Henderson M. Wolfe, Chief Auditor of Accounts, Room 29.
Duncan Mac Innes, Chief Accountant and Bookkeeper.
John J. Kelly, Auditor of Disbursements.
H. H. Rathyen, Auditor of Receipts.
James J. Munro, Chief Inspector.

LAW AND ADJUSTMENT DIVISION.

Albert E. Hadlock, Auditor of Accounts, Room 185.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.

Charles S. Hervey, Supervising Statistician and Examiner, Room 180.

STOCK AND BOND DIVISION.

James J. Sullivan, Chief Stock and Bond Clerk, Room 85.

OFFICE OF THE CITY PAYMASTER.

No. 83 Chambers street and No. 65 Reade street.
John H. Timmerman, City Paymaster.

DIVISION OF REAL ESTATE.

Charles A. O'Malley, Appraiser of Real Estate. Room 103, No. 280 Broadway.

DIVISION OF AWARDS.

Joseph R. Kenny, Bookkeeper in Charge, Rooms 155 and 157, No. 280 Broadway.

BUREAU FOR THE COLLECTION OF TAXES.

Borough of Manhattan—Stewart Building, Room O.
Frederick H. E. Ebstein, Receiver of Taxes.
John J. McDonough and Sylvester L. Malone, Deputy Receivers of Taxes.
Borough of The Bronx—Municipal Building, Third and Tremont avenues.
Edward H. Healy and John J. Knewitz, Deputy Receivers of Taxes.
Borough of Brooklyn—Municipal Building, Rooms 2-8.
Alfred J. Boulton and David E. Kemlo, Deputy Receivers of Taxes.
Borough of Queens—Municipal Building, Court House Square, Long Island City.
William A. Beadle and Thomas H. Green, Deputy Receivers of Taxes.
Borough of Richmond—Borough Hall, St. George, New Brighton.
John De Morgan and Edward J. Lovett, Deputy Receivers of Taxes.

BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

Borough of Manhattan, Stewart Building, Room E.
Daniel Moynahan, Collector of Assessments and Arrears.
Moses M. McKee, Deputy Collector of Assessments and Arrears.
Borough of The Bronx—Municipal Building, Rooms 1-3.
Charles F. Bradbury, Deputy Collector of Assessments and Arrears.
Borough of Brooklyn—Mechanics' Bank Building, corner Court and Montague streets.
Theodore G. Christmas, Deputy Collector of Assessments and Arrears.
Borough of Queens—Municipal Building Court House Square, Long Island City.
————, Deputy Collector of Assessments and Arrears.
Borough of Richmond—St. George, New Brighton.
Edward W. Berry, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.

Stewart Building, Chambers street and Broadway, Room K.
Sydney H. Goodacre, Collector of City Revenue and Superintendent of Markets.

BUREAU OF THE CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67.
Robert R. Moore, Chamberlain.
Henry J. Walsh, Deputy Chamberlain.
Office hours, 9 a. m. to 5 p. m.
Telephone, 4270 Worth.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Burial Permit and Contagious Disease offices always open.
Telephone, 4900 Columbus.
Ernst J. Lederle, Commissioner of Health and President.
Alvah H. Doty, M. D.; James C. Cropsey, Commissioners.
Eugene W. Scheffer, Secretary.
Herman M. Biggs, M. D., General Medical Officer.
Walter Bensel, M. D., Sanitary Superintendent.
William H. Guilfoy, M. D., Registrar of Records.
James McMiller. Chief Clerk.

Borough of Manhattan.

Alonzo Blauvelt, M. D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk.
Charles J. Burke, M. D., Assistant Registrar of Records.

Borough of The Bronx, No. 3731 Third Avenue.

Marion B. McMillan, M. D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

Borough of Brooklyn, Flatbush avenue, Willoughby and Fleet streets.

Travers R. Maxfield, M. D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M. D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.

John H. Barry, M. D., Assistant Sanitary Superintendent; George R. Crowly, Assistant Chief Clerk; Robert Campbell, M. D., Assistant Registrar of Records.

Borough of Richmond, No. 514 Bay street, Stapleton, Staten Island.

John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk.

DEPARTMENT OF PARKS.

Charles B. Stover, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.
Clinton H. Smith, Secretary.
Offices, Arsenal, Central Park.
Telephone, 201 Plaza.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Michael J. Kennedy, Commissioner of Parks for the Boroughs of Brooklyn and Queens.
Offices, Litchfield Mansion, Prospect Park, Brooklyn.
Office hours, 9 a. m. to 5 p. m.
Telephone, 2300 South.
Thomas J. Higgins, Commissioner of Parks for the Borough of The Bronx.
Office, Zbrowski Mansion, Claremont Park.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2640 Tremont.

PERMANENT CENSUS BOARD.

Hall of Board of Education, No. 500 Park avenue, third floor. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
The Mayor, City Superintendent of Schools and Police Commissioner. George H. Chatfield, Secretary.
Telephone, 5752 Plaza.

DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE.

Foot of East Twenty-sixth street, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 7400 Madison Square.
Michael J. Drummond, Commissioner.
Frank J. Goodwin, First Deputy Commissioner.
William J. McKenna, Third Deputy Commissioner.
Thomas L. Fogarty, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 331 Schermerhorn street, Brooklyn. Telephone, 2977 Main.
J. McKee Borden, Secretary.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 8.30 a. m. to 5 p. m.
The Children's Bureau, No. 124 East 59th street. Office hours, 8.30 a. m. to 5 p. m.
Jeremiah Connelly, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island.
Telephone, 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3863 Cortlandt.
William H. Edwards, Commissioner.
James F. Lynch, Deputy Commissioner, Borough of Manhattan.
Julian Scott, Deputy Commissioner, Borough of Brooklyn.
James F. O'Brien, Deputy Commissioner, Borough of The Bronx.
John J. O'Brien, Chief Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records, corner of Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Commissioners—Lawson Purdy, President; Chas. J. McCormack, John J. Halleran, Charles T. White, Daniel S. McElroy, Edward Kaufmann, Judson G. Wall.
Telephone, 3900 Worth.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephones, Manhattan, 8520 Cortlandt; Brooklyn, 3980 Main; Queens, 1990 Greenpoint; Richmond, 840 Tompkinsville; Bronx, 1905 Tremont.
Henry S. Thompson, Commissioner.
J. W. F. Bennett, Deputy Commissioner.
Frederic T. Parsons, Deputy Commissioner, Borough of Brooklyn. Municipal Building, Brooklyn.
John L. Jordan, Deputy Commissioner, Borough of The Bronx, Municipal Building, The Bronx.
M. P. Walsh, Deputy Commissioner, Borough of Queens, Municipal Building, Long Island City.
John E. Bowe, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

EXAMINING BOARD OF PLUMBERS.

Edwin Hayward President.
James J. Donahue, Secretary.
Edward Murphy, Treasurer.
Ex-officio—Horace Loomis and William J. Carey.
Rooms Nos. 14, 15 and 16, Aldrich Building, Nos. 149 and 151 Church street.
Telephone, 6472 Barclay.
Office open during business hours every day in the year (except legal holidays). Examinations are held on Monday, Wednesday and Friday after 1 p. m.

FIRE DEPARTMENT.

Headquarters: Office hours for all, from 9 a. m. to 5 p. m.; Saturdays, 12 m. Central offices and fire stations open at all hours.

OFFICES.

Headquarters of Department, Nos. 157 and 159 East 67th street. Telephone, 640 Plaza.
Brooklyn office, No. 365 Jay street. Telephone, 2653 Main.
Rhinelander Waldo, Commissioner.
Joseph Johnson, Jr., Deputy Commissioner.
Arthur J. O'Keeffe, Deputy Commissioner, Boroughs of Brooklyn and Queens.
Daniel E. Finn, Secretary.
Winfield R. Sheehan, Secretary to Fire Commissioner.
Walter J. Nolan, Secretary to Deputy Commissioner, Boroughs of Brooklyn and Queens.
John Kenlon, Acting Chief of Department and in charge, Bureau of Violations and Auxiliary Fire Appliances; offices, Nos. 157 and 159 East 67th street, Manhattan. Brooklyn branch, Bureau of Violations and Auxiliary Fire Appliances, No. 365 Jay street.
Thomas Lally, Deputy Chief in charge, Boroughs of Brooklyn and Queens.
Electrical Engineer, John C. Rennard, in charge Fire Alarm Telegraph Bureau. Office, No. 157 East 67th street.
Bureau of Repairs and Supplies: Deputy Chief William Guerin in charge.
Bureau of Combustibles: David I. Kelly, in charge, Manhattan, The Bronx and Richmond; Frank S. Wolf, Deputy Inspector in charge, Brooklyn and Queens.
Fire Marshal: William L. Beers, Manhattan, The Bronx and Richmond; Acting Fire Marshal, Thomas P. Brophy, in charge, Brooklyn and Queens.

LAW DEPARTMENT.

OFFICE OF CORPORATION COUNSEL.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Main office, Hall of Records, Chambers and Centre streets, 6th and 7th floors.
Telephone, 4600 Worth.
Archibald R. Watson, Corporation Counsel.
Assistants—Theodore Connoly, George L. Sterling, Charles D. Olendorf, William P. Burr, R. Percy Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McGoldrick, Curtis A. Peters, Cornelius F. Collins, George M. Curtis, Jr., John F. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell, John Widdecombe, Arthur Sweeny, William H. King, George P. Nicholson, George Harold Folwel, Dudley F. Malone, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, Arnold C. Weil, Francis J. Byrne, Francis Martin, Charles McIntyre, Clarence L. Barber, Alfred W. Booraem, George H. Cowie, Solon Berrick, James P. O'Connor, William H.

Jackson, Elliott S. Benedict, Isaac Phillips, Edward A. McShane, Eugene Fay, Ricardo M. DeAcosta, Francis X. McQuade, John M. Barrett, Leonce Fuller, Frank P. Reilly, Leon G. Godley, Alexander C. MacNulty.

Secretary to the Corporation Counsel—Edmund Kirby.

Chief Clerk—Andrew T. Campbell.

Brooklyn office, Borough Hall, 2d floor. Telephone, 2948 Main. James D. Bell, Assistant in charge.

BUREAU OF STREET OPENINGS.

Main office, No. 90 West Broadway. Telephone, 4981 Cortlandt. Joel J. Squier, Assistant in charge.

Brooklyn branch office, No. 166 Montague street. Telephone, 3670 Main. Edward Riegelmann, Assistant in charge.

Queens branch office, Municipal Building, Court House Square, Long Island City. Telephone, 3010-11 Greenpoint. Joseph J. Myers, Assistant in charge.

BUREAU FOR THE RECOVERY OF PENALTIES.

No. 119 Nassau street. Telephone, 4526 Cortlandt. Herman Stiefel, Assistant in charge.

BUREAU FOR THE COLLECTION OF ARREARS OF PERSONAL TAXES.

No. 280 Broadway, 5th floor. Telephone, 4585 Worth. Geo. O'Reilly, Assistant in charge.

TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS.

No. 44 East Twenty-third street. Telephone, 1961 Gramercy. John P. O'Brien, Assistant in charge.

METROPOLITAN SEWERAGE COMMISSION.

Office, No. 17 Battery place. George A. Soper, Ph.D., President; James H. Fuertes, Secretary; H. de B. Parsons, Charles Sooysmith, Linsly R. Williams, M.D.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1694 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

James Creelman, Richard Welling and Alexander Keogh, Commissioners.

Frank A. Spencer, Secretary.

LABOR BUREAU.

Nos. 54-60 Lafayette street.

Telephone, 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East Sixty-seventh street, Headquarters Fire Department.

R. Waldo, Fire Commissioner and Chairman; John H. Wainright, Sidney Harris, Peter P. Acritelli, George O. Eaton.

George A. Perley, Secretary.

Meeting at call of Fire Commissioner.

POLICE DEPARTMENT.

CENTRAL OFFICE.

No. 240 Centre street, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 3100 Spring.

James C. Cropsey, Commissioner.

Clement J. Driscoll, First Deputy Commissioner.

George S. Dougherty, Second Deputy Commissioner.

John J. Walsh, Third Deputy Commissioner.

Alfred W. Booraem, Fourth Deputy Commissioner.

William H. Kipp, Chief Clerk.

PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.

Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.

Stated public meetings of the Commission, Tuesdays and Fridays at 11.30 a. m. in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.

Commissioners—William R. Willcox, Chairman; William McCarroll, Edward M. Bassett, Milo R. Maltbie, John E. Eustis. Counsel, George S. Coleman. Secretary, Travis H. Whitney.

Telephone, 4150 Beekman.

TENEMENT HOUSE DEPARTMENT.

Manhattan Office, No. 44 East Twenty-third street.

Telephone, 5331 Gramercy.

John J. Murphy, Commissioner.

Wm. H. Abbott, Jr., First Deputy Commissioner.

Brooklyn Office (Boroughs of Brooklyn, Queens and Richmond), branch office, No. 503 Fulton street.

Telephone, 3825 Main.

Frank Mann, Second Deputy Commissioner.

Bronx Office, No. 391 East 149th street, northwest corner of Melrose avenue and 149th street.

Telephone, 967 Melrose.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

BOROUGH OFFICES.

BOROUGH OF THE BRONX.

Office of the President corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Cyrus C. Miller, President.

George Donnelly, Secretary.

Thomas W. Whittle, Commissioner of Public Works.

James A. Henderson, Superintendent of Buildings.

Arthur J. Largy, Superintendent of Highways.

Roger W. Bligh, Superintendent of Public Buildings and Offices.

Telephone, 2680 Tremont.

BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16 Borough Hall; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Alfred E. Steers, President.

Reuben L. Haskell, Borough Secretary.

John B. Creighton, Secretary to the President.

Telephone, 3960 Main.

Lewis H. Pounds, Commissioner of Public Works.

John Thatcher, Superintendent of Buildings.

William J. Taylor, Superintendent of the Bureau of Sewers.

Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.

Frederick Linde, Superintendent of Highways.

BOROUGH OF MANHATTAN.

Office of the President, Nos. 14, 15 and 16 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

George McAneny, President.

Leo Arnstein, Secretary of the Borough.

Julian B. Beaty, Secretary to the President.

Edgar Vietor Frothingham, Commissioner of Public Works.

Rudolph P. Miller, Superintendent of Buildings.

Robert B. Insley, Superintendent of Public Buildings and Offices.

Telephone, 6725 Cortlandt.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1900 Greenpoint.

Lawrence Gresser, President.

John N. Booth, Secretary.

Walter H. Bunn, Commissioner of Public Works.

Emanuel Brandon, Superintendent of Highways.

John J. Simmons, Superintendent of Buildings.

Oliver Stewart Hardgrove, Superintendent of Sewers.

Arrow C. Hankins, Superintendent of Street Cleaning.

Joseph Sullivan, Superintendent of Public Buildings and Offices, Flushing. Telephone, 1740 Flushing.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.

George Cromwell, President.

Maybury Fleming, Secretary.

Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.

John Seaton, Superintendent of Buildings.

H. E. Buel, Superintendent of Highways.

John T. Fetherston, Assistant Engineer and Acting Superintendent of Street Cleaning.

Ernest H. Seehusen, Superintendent of Sewers.

John Timlin, Jr., Superintendent of Public Buildings and Offices.

Offices, Borough Hall, New Brighton, N. Y., 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1000 Tompkinsville.

CORONERS.

Borough of The Bronx—Corner of Third avenue and Tremont avenue. Telephone, 1250 Tremont and 1402 Tremont.

A. F. Schwannecke, Jacob Shongut.

Borough of Brooklyn—Office, Rooms 1 and 3, Municipal Building. Telephone, 4004 Main and 4005 Main.

Alexander J. Rooney, Edward Glinnen, Coroners.

Open all hours of the day and night.

Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.

Coroners: Israel L. Feinberg, Herman Hellenstein, James E. Winterbottom, Herman W. Holtzhauser.

Telephones, 1094, 5057, 5058 Franklin.

Borough of Queens—Office, Town Hall, Fulton street, Jamaica, L. I.

Alfred S. Ambler, G. F. Schaefer.

Office hours from 9 a. m. to 10 p. m.

Borough of Richmond—No. 175 Second street, New Brighton. Open for the transaction of business all hours of the day and night.

William H. Jackson, Coroner.

Telephone, 7 Tompkinsville.

COUNTY OFFICES.

NEW YORK COUNTY.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Thomas Allison, Commissioner.

Frederick P. Simpson, Assistant Commissioner

Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.

William S. Andrews, Commissioner.

James O. Farrell, Deputy Commissioner.

Telephone, 3900 Worth.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court House.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

William F. Schneider, County Clerk.

Charles E. Gehring, Deputy.

Herman W. Beyer, Secretary.

Telephone, 5388 Cortlandt.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.

Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Charles S. Whitman, District Attorney.

Henry D. Sayer, Chief Clerk.

Telephone, 2304 Franklin.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

William M. Hoes, Public Administrator.

Telephone, 6276 Cortlandt.

REGISTER.

Hall of Records. Office hours, from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.

Max S. Grifenhagen, Register.

William Halpin, Deputy Register.

Telephone, 3900 Worth.

SHERIFF.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Except during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

John S. Shea, Sheriff.

John B. Cartwright, Under Sheriff.

Telephone, 4984 Worth.

SURROGATES.

Hall of Records. Court open from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.

John P. Cohalan and Robert L. Fowler, Surrogates; William V. Leary, Chief Clerk.

Telephone, 3900 Worth.

KINGS COUNTY.

COMMISSIONER OF JURORS.

5 County Court-house.

Jacob Brenner, Commissioner.

Jacob A. Livingston, Deputy Commissioner.

Office hours from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m.

Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1454 Main.

COMMISSIONER OF RECORDS.

Hall of Records.

Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Lewis M. Swasey, Commissioner.

Telephone, 1114 Main.

Telephone, 1082 Main.

COUNTY CLERK.

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Henry P. Molloy, County Clerk.

Thomas F. Wogan, Deputy County Clerk.

Telephone call, 4930 Main.

COUNTY COURT.

County Court-house, Brooklyn, Rooms 10, 17, 18, 22 and 23. Court opens at 10 a. m. daily and sits until business is completed. Part I., Room No. 23, Part II., Room No. 10, Court-house. Clerk's office, Rooms 17, 18, 19 and 22, open daily from 9 a. m. to 5 p. m.; Saturdays, 12 m.

Norman S. Dike and Lewis L. Fawcett, County Judges.

Charles S. Devoy, Chief Clerk.

Telephone, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn. Hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

John F. Clarke, District Attorney.

Telephone number, 2955-6-7 Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn. 9 a. m. to 5 p. m.

Charles E. Teale, Public Administrator.

Telephone, 2840 Main.

REGISTER.

Hall of Records. Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then from 9 a. m. to 2 p. m., provided for by statute; Saturdays, 9 a. m. to 12 m.

Frederick Lundy, Register.

James S. Reagan, Deputy Register.

Telephone, 2830 Main.

SHERIFF.

County Court-house, Room 14, Brooklyn, N. Y. 9 a. m. to 4 p. m.; Saturdays, 12 m.

Patrick H. Quinn, Sheriff.

John Morrissey Gray, Under Sheriff.

Telephone, 6845, 6846, 6847 Main.

SURROGATE.

Hall of Records, Brooklyn, N. Y.

Herbert T. Ketcham, Surrogate.

Edward J. Bergen, Chief Clerk and Clerk of the Surrogate Court.

Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m., except during months of July and August, when office hours are from 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 3954 Main.

QUEENS COUNTY.

COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.; Queens County Court-house, Long Island City.

George H. Creed, Commissioner of Jurors.

Rodman Richardson, Assistant Commissioner.

Telephone, 455 Greenpoint.

COUNTY CLERK.

No. 364 Fulton street, Jamaica, Fourth Ward, Borough of Queens, City of New York.

Office open, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Martin Mager, County Clerk.

Telephone, 151 Jamaica.

COUNTY COURT.

County Court-house, Long Island City.

County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August and first Saturday of September.

County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.

Burt J. Humphrey, County Judge.

Telephone, 551 Jamaica.

DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Fred. G. De Witt, District Attorney.

Telephone, 2986 and 2987 Greenpoint.

PUBLIC ADMINISTRATOR.

No. 17 Cook avenue, Elmhurst.

John T. Robinson, Public Administrator, County of Queens.

Office hours, 9 a. m. to 5 p. m.

Telephone, 335 Newtown.

SHERIFF.

County Court-house, Long Island City, 9 a. m. to 4 p. m.; during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Thomas M. Quinn, Sheriff.

Edward W. Fitzpatrick, Under Sheriff.

Telephone, 2741 and 2742 Greenpoint (office).

Henry O. Schleth, Warden.

Telephone, 372 Greenpoint.

SURROGATE.

Daniel Noble, Surrogate.

Office, No. 364 Fulton street, Jamaica.

Except on Sundays, holidays and half-holidays, the office is open from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.

The calendar is called on each week day at 10 a. m., except during the month of August.

Telephone, 397 Jamaica.

RICHMOND COUNTY.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.

Charles J. Kullman, Commissioner.

Office open from 9 a. m. until 4 p. m.; Saturdays, from 9 a. m. to 12 m.

Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

C. Livingston Bostwick, County Clerk.

Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1910.

County Courts—Stephen D. Stephens, County Judge.

First Monday of June, Grand and Trial Jury.

Second Monday of November, Grand and Trial Jury.

Fourth Wednesday of January, without a Jury.

Fourth Wednesday of February, without a Jury.

Fourth Wednesday of March, without a Jury.

Fourth Wednesday of April, without a Jury.

Fourth Wednesday of July, without a Jury.

Fourth Wednesday of September, without a Jury.

Fourth Wednesday of October, without a Jury.

Fourth Wednesday of December, without a Jury.

Surrogate's Court—Stephen D. Stephens, Surrogate.

Mondays, at the Borough Hall, St. George, at 10.30 o'clock a. m.

Tuesdays, at the Borough Hall, St. George, at 10.30 o'clock a. m.

Wednesdays, at the Surrogate's Office, Richmond, at 10.30 o'clock a. m.

Telephones, 235 New Dorp and 12 Tompkinsville.

DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.

Albert C. Fach, District Attorney.

Telephone, 50 Tompkinsville.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

PUBLIC ADMINISTRATOR.

Office, Port Richmond.

William T. Holt, Public Administrator.

Telephone, 704 West Brighton.

SHERIFF.

County Court house, Richmond, S. I.

John J. Collins, Sheriff.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 120 New Dorp.

THE COURTS.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.

Court-house, Madison avenue, corner Twenty-fifth street. Court open from 2 p. m. until 6 p. m. (Friday, Motion day, Court opens at 10.30 a. m. Motions called at 10 a. m.

George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, Francis M. Scott, Nathan L. Miller, Victor J. Dowling, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.

Clerk's Office opens 9 a. m.

Telephone, 3840 Madison Square.

SUPREME COURT—FIRST DEPARTMENT.

County Court-house, Chambers street. Court open from 10.15 a. m. to 4 p. m.

Special Term, Part I. (motions), Room 16.

Special Term, Part II. (ex-parte business), Room No. 13.

Special Term, Part III., Room No. 19.

Special Term, Part IV., Room No. 20.

Special Term, Part V., Room No. 6.

Special Term, Part VI., Room No. 31.

Trial Term, Part II., Room No. 34.

Trial Term, Part III., Room No. 32.

Trial Term, Part IV., Room No. 21.

Trial Term, Part V., Room No. 24.

Trial Term, Part VI., Room No. 18.

Trial Term, Part VII., Room No. —.

Trial Term, Part VIII., Room No. 23.

Trial Term, Part IX., Room No. 35.

Trial Term, Part X., Room No. 26.

Trial Term, Part XI., Room No. 27.

Trial Term, Part XII., Room No. —.

Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.

Trial Term, Part XIV., Room No. 28.

Trial Term, Part XV., Room No. 37.

Trial Term, Part XVI., Room No. —.

Trial Term, Part XVII., Room No. 20.

Trial Term, Part XVIII., Room No. 29.

Appellate Term, Room No. 29.

Naturalization Bureau, Room No. 38, third floor.

Assignment Bureau, room on mezzanine floor, northeast.

Clerks in attendance from 10 a. m. to 4 p. m.

Clerk's Office, Special Term, Part I. (motion), Room No. 15.

Clerk's Office, Special Term, Part II. (ex-parte business), ground floor, southeast corner.

Clerk's Office, Special Term, Calendar, ground floor, south.

Clerk's Office, Trial Term, Calendar, room northeast corner, second floor, east.

Clerk's Office, Appellate Term, room southwest corner, third floor.

Trial Term, Part I. (criminal business).

Criminal Court-house, Centre street.

Justices—Henry Bischoff, Leonard A. Giegerich, P. Henry Dugro, James Fitzgerald, James A. Blanchard, Samuel Greenbaum, Edward E. McCall, Edward B. Amend, Vernon M. Davis, Joseph E. Newburger, John W. Goff, Samuel Seabury, M. Warley Platzek, Peter A. Hendrick, John Ford, John J. Brady, Mitchell L. Erlanger, Charles L. Guy, James W. Gerard, Irving Lehman, Alfred R. Page, Edward J. Gavegan, Nathan Bijur, John J. Delany, Francis K. Pendleton.

William F. Schneider, Clerk, Supreme Court. Telephone, 4580 Cortlandt.

SUPREME COURT—SECOND DEPARTMENT.

Kings County Court-house, Borough of Brooklyn, N. Y.

Clerk's office hours, 9 o'clock a. m. to 5 o'clock p. m. Seven jury trial parts. Special Term for Trials. Special Term for Motions.

James F. McGee, General Clerk.

Telephone, 5460 Main.

CRIMINAL DIVISION—SUPREME COURT.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.

Court opens at 10.30 a. m.

William F. Schneider, Clerk; Edward R. Carroll, Special Deputy to the Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 6064 Franklin.

COURT OF GENERAL SESSIONS.

Held in the Building for Criminal Courts, Centre, Elm, White and Franklin streets.

Court opens at 10.30 a. m.

Warren W. Foster, Thomas C. O'Sullivan, Otto A. Rosalsky, Thomas C. T. Crain, Edward Swann, Joseph F. Mulqueen, James T. Malone, Judges of the Court of General Sessions; Edward R. Carroll, Clerk. Telephone, 1201 Franklin.

Clerk's Office open from 9 a. m. to 4 p. m.

During July and August Clerk's Office will close at 2 p. m., and on Saturdays at 12 m.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brownstone Building, City Hall Park, from 10 a. m. to 4 p. m.

Special Term Chambers will be held from 10 a. m. to 4 p. m.

Clerk's Office open from 9 a. m. to 4 p. m.

Edward F. O'Dwyer, Chief Justice; Francis B. Delehanty, Joseph I. Green, Alexander Finelite, Thomas F. Donnelly, John V. McAvoy, Peter Schmuck, Richard T. Lynch, Edward B. La Fetra, Richard H. Smith, Justices. Thomas F. Smith, Clerk.

Telephone, 122 Cortlandt.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.

Court opens at 10 a. m.

Isaac Franklin Russell, Chief Justice; William E. Wyatt, Willard H. Olmsted, Joseph M. Deuel, Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Forker, John Fleming, Robert J. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney and Arthur C. Salmon, Justices. Frank W. Smith, Chief Clerk.

Part I., Criminal Courts Building, Borough of Manhattan. John P. Hilly, Clerk. Telephone, 2092 Franklin.

Part II., Atheneum Building, Atlantic avenue and Clinton street, Borough of Brooklyn. This part is held on Mondays, Thursdays and Fridays. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.

Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesdays. H. F. Moran, Clerk. Telephone, 189 Jamaica.

Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesdays. Robert Brown, Clerk. Telephone, 49 Tompkinsville.

CHILDREN'S COURT.

New York County—No. 66 Third avenue, Manhattan. Ernest K. Coulter, Clerk. Telephone, 1832 Stuyvesant.

Kings County—No. 102 Court street, Brooklyn. Joseph W. Duffy, Clerk. Telephone, 627 Main.

Queens County—No. 19 Hardenbrook avenue, Jamaica. Sydney Ollendorff, Clerk. This court is held on Thursdays.

Richmond County—Corn Exchange Bank Bldg., St. George, S. I. William J. Browne, Clerk. This court is held on Tuesdays.

CITY MAGISTRATES' COURT.

First Division.

Court opens from 9 a. m. to 4 p. m.

William McAdoo, Chief City Magistrate; Robert C. Cornell, Leroy B. Crane, Peter T. Barlow, Matthew P. Breen, Henry Steinert, Frederick B. House, Charles N. Harris, Frederic Kernochan, Arthur C. Butts, Joseph E. Corrigan, Moses Herrman, Paul Krotel, Keyran J. O'Connor, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, City Magistrates.

Philip Bloch, Chief Clerk, 300 Mulberry street. Telephone, 6213 Spring.

First District—Criminal Courts Building.

Second District—Jefferson Market.

Third District—Second avenue and First street.

Fourth District—No. 151 East Fifty-seventh street.

Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.

Sixth District—One Hundred and Sixty-first street and Brook avenue.

Seventh District—No. 314 West Fifty-fourth street.

Eighth District—Main street, Westchester.

Ninth District (Night Court for Females)—125 Sixth avenue.

Tenth District (Night Court for Males)—No. 151 East Fifty-seventh street.

Eleventh District—Domestic Relations Court—No. 151 East Fifty-seventh street.

Second Division.

Borough of Brooklyn.

Otto Kempner, Chief City Magistrate; Edward J. Dooley, John Naumer, A. V. B. Voorhees, Jr., Alexander H. Geismar, John F. Hylan, Howard P. Nash, Moses J. Harris, Charles J. Dodd, John C. McGuire, Louis H. Reynolds, City Magistrates.

Office of Chief Magistrate, Borough Hall, Brooklyn.

William F. Delaney, Chief Clerk, Borough Hall, Brooklyn.

Courts.

First District—No. 318 Adams street.

Second District—Court and Butler streets.

Fourth District—No. 6 Lee avenue.

Fifth District—No. 249 Manhattan avenue.

Sixth District—No. 495 Gates avenue.

Seventh District—No. 31 Snider avenue (Flatbush).

Eighth District—West Eighth street (Coney Island).

Ninth District—Fifth avenue and Twenty-third street.

Tenth District—No. 133 New Jersey avenue.

Domestic Relations Court—Myrtle and Vanderbilt avenues.

Borough of Queens.

City Magistrates—Matthew J. Smith, Joseph Fitch, Maurice E. Connolly, Eugene C. Gilroy.

Courts.

First District—St. Mary's Lyceum, Long Island City.

Second District—Town Hall, Flushing, L. I.

Third District—Central avenue, Far Rockaway, L. I.

Fourth District—Town Hall, Jamaica, L. I.

Borough of Richmond.

City Magistrates—Joseph B. Handy, Nathaniel Marsh.

Courts.

First District—Lafayette avenue, New Brighton, Staten Island.

Second Division—Village Hall, Stapleton, Staten Island.

MUNICIPAL COURTS.

Borough of Manhattan.

First District—The First District embraces the territory bounded on the south and west by the southerly and westerly boundaries of the said borough, on the north by the centre line of Fourteenth street and the centre line of Fifth street from the Bowery to Second avenue, on the east by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.

Wauhope Lynn, William F. Moore, John Hoyer, Justices.

Thomas O'Connell, Clerk.

Location of Court—Merchants' Association Building, Nos. 54-60 Lafayette street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Additional Part is held at southwest corner of Sixth avenue and Tenth street.

Telephone, 6030 Franklin.

Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.

Benjamin Hoffman, Leon Sanders, Thomas P. Dinnean, Leonard A. Snitkin, Justices.

James J. Devlin, Clerk.

Location of Court—Nos. 264 and 266 Madison street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4300 Orchard.

Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth avenue, on the west by the westerly boundary of the said borough.

Thomas E. Murray, Thomas F. Noonan, Justices.

Michael Skelly, Clerk.

Location of Court—No. 314 West Fifty-fourth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone number, 5450 Columbus.

Fourth District—The Fourth District embraces the territory bounded on the south by the centre line of East Fourteenth street, on the west by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, on the north by the centre line of Fifty-ninth street, on the east by the easterly line of said borough; excluding, however, any portion of Blackwells Island.

Michael F. Blake, William J. Boyhan, Justices.

Abraham Bernard, Clerk.

Location of Court—Part I. and Part II., No. 151 East Fifty-seventh street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3860 Plaza.

Fifth District—The Fifth District embraces the territory bounded on the south by the centre line of Sixty-fifth street, on the east by the centre line of Central Park West, on the north by the centre line of One Hundred and Tenth street, on the west by the westerly boundary of said borough.

Alfred P. W. Seaman, William Young, Frederick Spiegelberg, Justices.

John H. Servis, Clerk.

Location of Court—Southwest corner of Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4006 Riverside.

Sixth District—The Sixth District embraces the territory bounded on the south by the centre line of Fifty-ninth street and by the centre line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the centre line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the centre line of Fifth avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the centre line of One Hundred and Tenth street, on the east by the easterly boundary of said borough, including, however, all of Blackwells Island and excluding any portion of Wards Island.

Jacob Marks, Solomon Oppenheimer, Justices.

Edward A. McQuade, Clerk.

Location of Court—Northwest corner of Third avenue and Eighty-third street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 4343 Lenox.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line coterminous with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.

Philip J. Sinnott, David L. Weil, John R. Davies, Justices.

John P. Burns, Clerk.

Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Eighth District—The Eighth District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the west by the centre line of Fifth avenue, on the north and east by the northerly and easterly boundaries of said borough, including Randalls Island and the whole of Wards Island.

Joseph P. Fallon and Leopold Prince, Justices.

William J. Kennedy, Clerk.

Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3950 Harlem.

Ninth District—The Ninth District embraces the territory bounded on the south by the centre line of Fourteenth street and by the centre line of Fifty-ninth street from the centre line of Seventh avenue to the centre line of Central Park West, on the east by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, and by the centre line of Fifth avenue from the centre line of Ninety-sixth street to the centre line of One Hundred and Tenth street, on the north by the centre line of Ninety-sixth street from the centre line of Lexington avenue to the centre line of Fifth avenue and One Hundred and Tenth street from Fifth avenue to Central Park West, on the west by the centre line of Seventh avenue and Central Park West.

Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.

William J. Chamberlain, Clerk.

Location of Court—Southwest corner of Madison avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m

Telephone, 3873 Plaza.

Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, No. 1400 Williamsbridge road, Westchester Village. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

Peter A. Sheil, Justice.

Stephen Collins, Clerk.

Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m.

Telephone, 457 Westchester.

Second District.

Telephone, 3043 Melrose.

Borough of Brooklyn.

First District.

Court-house, northwest corner State and Court streets. Parts I. and II.

Eugene Conran, Justice. Edward Moran, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Second District.

Court-room, No. 495 Gates avenue.

John R. Farrar, George Freifeld, Justices. Franklin B. Van Wart, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m., Sundays and legal holidays excepted. Saturdays, 8.45 a. m. to 12 m.

Telephone, 504 Bedford.

Third District.

Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.

Philip D. Meagher and William J. Bogenshutz, Justices. John W. Carpenter, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Court opens at 9 a. m.

Telephone, 995 Williamsburg.

Fourth District.

Court-room, No. 14 Howard avenue.

Jacob S. Strahl, Justice. Joseph P. McCarthy, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Fifth District—Contains the Eighth, Thirtieth and Thirty-first Wards, and so much of the Twenty-second Ward as lies south of Prospect avenue.

Court-house, northwest corner of Fifty-third street and Third avenue (No. 5220 Third avenue).

Cornelius Furgueson, Justice. Jeremiah J. O'Leary, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Telephone, 407 Bay Ridge.

Sixth District.

Lucien S. Bayliss and George Fielder, Justices. William R. Fagan, Clerk.

Court-house, No. 611 Fulton street.

Telephone, 6335 Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal and Edward A. Richards, Justices. Samuel F. Brothers, Clerk.

Court-house, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue).

Clerk's Office open from 8.45 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m. Trial days, Tuesdays, Wednesdays, Thursdays and Fridays. During July and August, 8.45 a. m. to 2 p. m.

Telephones, 904 and 905 East New York.

Borough of Queens.

First District.

Clerk's Office open from 9 a. m. to 4 p. m. each day, excepting Saturdays, closing at 12 m. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.

Thomas C. Kadien, Justice. John F. Cassidy, Clerk.

Telephone, 2376 Greenpoint.

Second District.

John M. Cragen, Justice. J. Frank Ryan, Clerk.

Trial days, Tuesdays and Thursdays.

Fridays for Jury trials only.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Telephone, 87 Newtown.

Third District.

Alfred Denton, Justice. John H. Nuhn, Clerk. 1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2252 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m.

Trial days, Tuesdays and Thursdays (Fridays for Jury trials only), at 9 a. m.

Fourth District.

Court-house, Town Hall, northeast corner of Fulton street and Flushing avenue, Jamaica.

James F. McLaughlin, Justice. George W. Damon, Clerk.

Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Telephone, 189 Jamaica.

Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

Thomas C. Brown, Justice. Thomas E. Cremins, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m.

Telephone, 503 Tompkinsville.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.

Arnold J. B. Wedemeyer, Justice. William Wedemeyer, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.

Court opens at 9 a. m. Calendar called at 10 a. m. Court continued until close of business. Trial days, Mondays, Wednesdays and Fridays.

Telephone, 313 Tompkinsville.

CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said acts will be held at the office of the Commission, Room 223, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays, and Thursdays of each week, at 2 o'clock p. m., until further notice.

Dated New York City, May 12, 1911.

WILLIAM D. DICKEY, MICHAEL J. FLAHERTY, DAVID ROBINSON, Commissioners.

LAMONT McLOUGHLIN, Clerk.

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m. on

THURSDAY, MAY 18, 1911,

No. 1. FOR FURNISHING AND DELIVERING HARDWARE, PAINTS, IRON, STEAM-FITTINGS, LUMBER AND MISCELLANEOUS ARTICLES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before June 30, 1911.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals, and awards made to the lowest bidder on each item. The bids on lumber will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, 148 E. 20th st.

PATRICK A. WHITNEY, Commissioner of Correction. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 10.30 a. m.

MONDAY, MAY 22, 1911,

No. 1. FOR FURNISHING AND DELIVERING TWO THOUSAND FIVE HUNDRED CUBIC YARDS OF PAVING SAND TO THE BUREAU OF HIGHWAYS.

The time allowed for the delivery of the material will be by or before December 31, 1911, as directed.

The amount of security required will be Fifteen Hundred Dollars.

No. 2. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF VYSE AVE., FROM 177TH ST. TO 182D ST., AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

Item 1—5,400 square yards of completed asphalt block pavement and keeping the same in repair for five years from date of acceptance.

Item 2—875 cubic yards of concrete, including mortar bed.

Item 3—500 linear feet of new curbstone, furnished and set in concrete.

Item 4—2,700 linear feet of old curbstone, rejointed, recut on top and reset in concrete.

The time allowed for the completion of the work will be fifty consecutive working days.

The amount of security required will be Six Thousand Dollars.

Blank forms can be obtained upon application therefor, and the plans and specifications may be seen and other information obtained at said office. CYRUS C. MILLER, President. m10,22

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

MAYOR'S BUREAU OF WEIGHTS AND MEASURES.

MAYOR'S BUREAU OF WEIGHTS AND MEASURES, ROOM 7, CITY HALL, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Weights and Measures, at the above office, until 2 o'clock p. m. on

WEDNESDAY, MAY 24, 1911,

FOR FURNISHING AND DELIVERING STANDARD WEIGHTS AND MEASURES AND SEALERS' SUPPLIES.

The time allowed for the delivery of the supplies and the performance of the contract is 45 days.

The amount of security is twenty-five per cent. of the bid or estimate.

The bidder will state a price for all items in the specifications or schedule by which the bids will be tested.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Commissioner, Room 7, City Hall, New York City, where any further information desired may be obtained.

JOHN L. WALSH, Commissioner. m12,24

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOROUGH OF MANHATTAN.

OFFICE OF PRESIDENT OF THE BOROUGH OF MANHATTAN, NEW YORK, MAY 17, 1911.

NOTICE IS HEREBY GIVEN, IN ACCORDance with section 432 of the Charter of The City of New York, that a petition requesting that title be acquired to the widened portion of 138th st. at 5th ave. has been filed in this office, and is now ready for public inspection, and that a meeting of the Board of Local Improvements of the Harlem District for Local Improvements will be held in the Borough Office, City Hall, on the 31st day of May, 1911, at 11.15 a. m., at which meeting said petition will be submitted to the Board.

GEORGE McANENY, President.

JULIAN B. BEATY, Secretary.

OFFICE OF PRESIDENT OF THE BOROUGH OF MANHATTAN, NEW YORK, MAY 17, 1911.

NOTICE IS HEREBY GIVEN, IN ACCORDance with section 432 of the Charter of The City of New York, that a petition signed by property owners and residents of the Washington Heights District for Local Improvements requesting the construction of sewers in 218th st. from Broadway to Isham ave.; in Park Terrace East from 214th to 218th sts., and in 217th st. between Park Terrace East and Park Terrace West, has been filed in this office, and is now ready for public inspection, and that a meeting of the Board of Local Improvements of the Washington Heights District for Local Improvements will be held in the Borough Office, City Hall, on the 31st day of May, 1911, at 11 a. m., at which meeting said petition will be submitted to the Board.

GEORGE McANENY, President.

JULIAN B. BEATY, Secretary.

NOTICE OF SALE AT PUBLIC AUCTION ON

MONDAY, MAY 22, 1911,

The President of the Borough of Manhattan will sell at public auction at 10 o'clock a. m. the following abandoned and unclaimed articles, namely:

A LOT OF BAGGING AND ABANDONED MATERIAL TAKEN FROM IN FRONT OF PREMISES 20 PEARL ST.

The sale will take place at the Corporation Yard, foot of Rivington st., East River.

The purchaser will be required to remove the material within three (3) days from the date of purchase and all material not removed within the time specified will be resold and disposed of as provided by law.

GEORGE McANENY, President, Borough of Manhattan. m17,22

THE COLLEGE OF THE CITY OF NEW YORK.

THE COLLEGE OF THE CITY OF NEW YORK, 139TH ST. AND ST. NICHOLAS TERRACE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees of the College of The City of New York at 17 Lexington ave., until 12 m., on

THURSDAY, MAY 25, 1911,

FOR ALTERATIONS FOR NEW SHOWERS IN THE GYMNASIUM BUILDING OF THE COLLEGE OF THE CITY OF NEW YORK, LOCATED AT 138TH ST. AND CONVENT AVE., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed for doing and completing the work will be forty-five (45) calendar days. The amount of security required will be twenty-five per cent. (25%) of the amount of the bid or estimate.

Bidders shall state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms of the contract and specifications and bid sheet may be obtained at the office of the Architects, Geo. B. Post & Sons, 347 5th ave., The City of New York, Borough of Manhattan.

EDWARD M. SHEPARD, Chairman; JAMES W. HYDE, Secretary; BERNARD M. BARUCH, FREDERICK P. BELLAMY, JAMES BYRNE, WM. HENRY CORBITT, LEE KOHNS, THEODORE F. MILLER, MOSES J. STROOCK, EGERTON L. WINTHROP, JR.

Dated Borough of Manhattan, May 13, 1911. m13,25

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

THE COLLEGE OF THE CITY OF NEW YORK, 139TH ST. AND ST. NICHOLAS TERRACE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees of the College of The City of New York at 17 Lexington ave., until 12 m., on

THURSDAY, MAY 25, 1911,

FOR INSTALLING METAL FIREPROOF PARTITIONS IN THE CORRIDORS OF THE COLLEGE OF THE CITY OF NEW YORK, 17 LEXINGTON AVE.

The time allowed for doing and completing the work will be forty-five (45) days. The amount of security required will be twenty-five per cent. (25%) of the amount of the bid or estimate.

Bidders shall state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms of the contract and specifications and bid sheet may be obtained at the office of the Curator, Room 114, Main Building of the Col-

lege, 139th st. and St. Nicholas terrace, The City of New York, Borough of Manhattan.

EDWARD M. SHEPARD, Chairman; JAMES W. HYDE, Secretary; BERNARD M. BARUCH, FREDERICK P. BELLAMY, JAMES BYRNE, WM. HENRY CORBITT, LEE KOHNS, THEODORE F. MILLER, MOSES J. STROOCK, EGERTON L. WINTHROP, JR.

Dated Borough of Manhattan, May 13, 1911.
m13,25

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

BOROUGHS OF BROOKLYN AND QUEENS.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

WEDNESDAY, MAY 31, 1911,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CERTAIN ROOFING WORK ON VARIOUS BUILDINGS LOCATED AT THE KINGS COUNTY HOSPITAL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is forty (40) consecutive working days.

The surety required will be Two Thousand Dollars ($2,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of E. 26th st., Borough of Manhattan, The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated May 18, 1911. m18,31

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

MONDAY, MAY 29, 1911,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ROOFING WORK ON THE INFANTS' HOSPITAL AND WARDS 21-24, AND 25-28, AT THE NEW YORK CITY CHILDREN'S HOSPITAL AND SCHOOLS, RANDALLS ISLAND, THE CITY OF NEW YORK.

The time allowed for doing and completing the work will be forty (40) consecutive working days.

The security required will be Two Thousand Dollars ($2,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated May 17, 1911. m17,29

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

BOROUGHS OF BROOKLYN AND QUEENS.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

TUESDAY, MAY 23, 1911,

FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR FILLING IN AND GRADING AT CONEY ISLAND HOSPITAL SITE ON OCEAN PARKWAY, NORTH OF CONEY ISLAND CREEK, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is ninety (90) consecutive working days..

The security required will be Five Thousand Dollars ($5,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of Frank J. Helmle, Architect, 190 Montague st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated May 9, 1911. m11,23

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

BOROUGHS OF BROOKLYN AND QUEENS.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

TUESDAY, MAY 23, 1911,

FOR ALL THE LABOR AND MATERIAL REQUIRED TO PUT DOWN NEW FLOORING AND BASE THROUGHOUT THE FEMALE BUILDING, AND FOR PUTTING UP METAL CEILINGS IN CERTAIN ROOMS OF THE FEMALE BUILDING, MALE BUILDING AND NEUROLOGICAL HOSPITAL, SITUATED AT THE NEW YORK CITY HOME FOR THE AGED AND INFIRM, BROOKLYN DIVISION, KINGS COUNTY HOSPITAL GROUNDS.

The time allowed for the completion of the work and full performance of the contract is sixty (60) consecutive working days. The security required will be Three Thousand Dollars ($3,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated May 9, 1911. m11,23

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

MONDAY, MAY 22, 1911,

FOR FURNISHING AND DELIVERING:

No. 1. DRY GOODS, CROCKERY, COOKING UTENSILS, WINDOW SHADES, WIRE SCREENS, HOSPITAL FURNITURE, ETC., FOR WEST AND EAST TUBERCULOSIS INFIRMARIES, METROPOLITAN HOSPITAL, BLACKWELLS ISLAND.

No. 2. WIRE SCREENS, DRY GOODS, CROCKERY AND FIRE APPARATUS FOR TWO NEW DORMITORIES AND PAVILION FOR INSANE, NEW YORK CITY FARM COLONY, BOROUGH OF RICHMOND.

The time for the performance of the contract is during the year 1911.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.

The bidder will state the price, per yard or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner.
The City of New York, May 9, 1911.
m9,22

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BELLEVUE AND ALLIED HOSPITALS.

BOARD OF TRUSTEES OF BELLEVUE AND ALLIED HOSPITALS, BOROUGHS OF MANHATTAN AND THE BRONX, E. 26TH ST., NEW YORK.

AUCTION SALE.

THE DEPARTMENT WILL SELL AT PUBLIC auction, on the grounds of Bellevue Hospital, entrance through 415 E. 26th st., on

MONDAY, MAY 29, 1911,

1. GREASE (ESTIMATED), 20,000 POUNDS.
2. RAW FAT (ESTIMATED), 20,000 POUNDS.
3. SUET (ESTIMATED), 5,000 POUNDS.
4. CHICKEN ENTRAILS (ESTIMATED), 5,000 POUNDS.
5. BONES (ESTIMATED), 100,000 POUNDS.
6. IRON (ESTIMATED), 15,000 POUNDS.
7. OLD RUBBER (ESTIMATED), 1,200 POUNDS.
8. CLEAN ASHES (ESTIMATED), 300 TONS.

Articles numbered 1, 6 and 7 to be removed from Bellevue, Gouverneur and Harlem Hospitals when the purchaser is notified they are ready for delivery.

Articles numbered 2, 3, 4 and 5 to be collected by the purchaser daily at Bellevue, Gouverneur and Harlem Hospitals and number 8 to be collected by the purchaser daily at Fordham Hospital.

Quantities marked "estimated" are for the accumulation of the year 1911 and part of 1912, and contracts based on such quantities are for such period of time.

All quantities to be more or less and estimated only.

All qualities to be "as are."

Assignments of contracts will not be recognized unless approved by the Board of Trustees.

Each successful bidder will be required to pay twenty-five per cent. of the estimated amount of his purchase at the time and place of sale and the balance upon delivery of the goods.

The Board of Trustees reserves the right to order resale of any goods that shall not have been removed by the purchaser within ten days after he shall have been notified that they are ready, and in case of such resale to forfeit to the use of the Board of Trustees the twenty-five per cent. paid in at the time and place of sale. Goods can be examined at Bellevue Hospital by intending bidders on any week day before the day of sale.

For further particulars apply at the office of the Contract Clerk, 415 E. 26th st., New York City.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.
m18,29

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received in the Staff Room of Bellevue Hospital (entrance 415 E. 26th st.) by the President of the Board of Trustees until 3 p. m. on

FRIDAY, MAY 26, 1911,
FOR BUTTER AND MEATS.

The surety required will be not less than fifty per cent. (50%) of the amount of the bid. The time for the delivery of the supplies and the full performance of the contract is on or before June 30, 1911.

The bids will be read from the total, and will be compared and awarded to the lowest bidder for the line for butter and for the class of meats, lines 1 to 18 inclusive, as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, entrance through 415 E. 26th st., Borough of Manhattan.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.
Dated, May 13, 1911. m16,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees in the Staff Room of Bellevue Hospital (entrance, 415 E. 26th st.) until 3 o'clock p. m. on

FRIDAY, MAY 26, 1911,

FOR FURNISHING AND INSTALLING COMPLETE FIRE ALARM SYSTEM IN HARLEM HOSPITAL, SITUATED LENOX AVE. AND 136TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed for doing and completing all the work included under this contract will be not more than thirty (30) consecutive calendar days from date of mailing notice that the Comptroller has attached his signature to the contract. The surety required will be One Thousand Dollars ($1,000).

The bids will be compared and the contract awarded as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, 415 E. 26th st., Borough of Manhattan.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.
Dated May 8, 1911. m12,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received in the Staff Room of Bellevue Hospital (entrance 415 E. 26th st.) by the President of the Board of Trustees until 3 o'clock p. m. on

FRIDAY, MAY 26, 1911,

FOR FURNISHING AND DELIVERING FURNITURE, LABORATORY AND OPTICAL APPARATUS AND FITTINGS, GLASSWARE, JOURNALS AND PERIODICALS AND SUNDRIES AND MISCELLANEOUS SUPPLIES, TO THE PATHOLOGICAL BUILDING OF BELLEVUE HOSPITAL OF THE CITY OF NEW YORK.

The surety required will be not less than fifty per cent. (50%) of the amount of the bid. The time for the delivery of the supplies and the full performance of the contract is within thirty (30) consecutive calendar days after mailing order to perform the work or deliver the supplies.

The bids will be read from the total, and will be compared and awarded to the lowest bidder for the line or class as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, entrance through 415 E. 26th st., Borough of Manhattan.

JOHN W. BRANNAN, President, Board of Trustees, Bellevue and Allied Hospitals.
Dated May 9, 1911. m11,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received in the Staff Room of Bellevue Hospital (entrance 415 E. 26th st.) by the President of the Board of Trustees at the above office until 3 p. m. on

FRIDAY, MAY 26, 1911,

FOR FURNITURE REQUIRED FOR THE MEN'S DORMITORIES OF THE NEW BELLEVUE HOSPITAL.

The surety required wil be not less than fifty per cent. (50%) of the amount of the bid. The time for the delivery of the supplies and the full performance of the contract is within thirty (30) consecutive calendar days.

The bids will be read from the total, and will be compared and awarded to the lowest bidder as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, entrance through 415 E. 26th st., Borough of Manhattan.

JOHN W. BRANNAN, President, Board of Trustees, Bellevue and Allied Hospitals.
Dated May 9, 1911. m11,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees in the Staff Room of Bellevue Hospital (entrance, 415 E. 26th st.) until 3 o'clock p. m. on

FRIDAY, MAY 26, 1911,

FOR PROVIDING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED FOR THE EXCAVATION, MASONRY, STEEL AND IRON WORK, ROOFING AND METAL WORK, CARPENTRY, PAINTING, GLAZING, HARDWARE AND ALL OTHER WORK FOR THE ALTERATION, REPAIR, CONSTRUCTION AND COMPLETION OF THE ENLARGEMENT AND ENCLOSURE OF SIX BALCONIES, FORDHAM HOSPITAL, CROTONA AVE. AND THE SOUTHERN BOULEVARD, BOROUGH OF THE BRONX, CITY OF NEW YORK.

The time allowed for doing and completing all the work included under this contract will be not more than sixty (60) consecutive calendar days from date of mailing notice that the Comptroller has attached his signature to the contract. The surety required will be Ten Thousand Dollars ($10,000).

The bids will be compared and the contract awarded as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, 415 E. 26th st., Borough of Manhattan.

JOHN W. BRANNAN, President, Board of Trustees, Bellevue and Allied Hospitals.
Dated May 9, 1911. m11,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF FINANCE.

Corporation Sales.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Queens, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Queens.

Being all the buildings, parts of buildings, etc., standing within the lines of Luyster st. (15th ave.), from Newtown road to Grand st., in the First Ward of the Borough of Queens, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held May 17, 1911, the sale by sealed bids of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

MONDAY, JUNE 5, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 1. Part of one-story frame building at Newtown road and Luyster st. Cut 9.65 feet on the west side by 24.22 feet on the north side.

Parcel 12. One-story frame barn on Luyster st. about 70 feet west of Grand st.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 5th day of June, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened June 5, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of the date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from who any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 17, 1911. m18,j5

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids at the upset or minimum price stated for each parcel of all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of The Bronx.

Being all the buildings, parts of buildings, etc., standing within the lines of 3d ave., as widened, on its easterly side between Washington ave. and a point north of and near Lorillard place, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto, will be held by direction of the Comptroller on

SATURDAY, MAY 27, 1911,

at 11 a. m., in lot and parcels and in manner and form and at upset prices as follows:

Parcel No. 1—Part of one-story blacksmith shop, northeast corner of 3d ave. and E. 187th st. Cut 2.9 feet on north side by 4.7 feet on south side. Upset price $5.

Parcel No. 7—Part of one-story frame shop on 3d ave. about 50 feet south of Bathgate ave. Cut 17.9 feet on north side by 10.9 feet on south side. Upset price $15 and the cost of advertising the sale.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 27th day of May, 1911, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and giv-

en security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 27, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m11,27

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE BOARD OF Education, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for school site purposes in the

Borough of Queens.

Being all the buildings, parts of buildings, etc., situated upon the school site adjoining Public School 71, in the Borough of Queens, said site being 50 feet by 143 feet 11¼ inches and located on the easterly side of Forest avenue, distant 200 feet northerly from the northeast corner of Forest avenue and Prospect place, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

FRIDAY, MAY 26, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 1. Two-story frame house with one-story rear and two-story frame barn, 35 Forest ave., adjoining P. S. 71.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 26th day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 26, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m10,26

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Brooklyn.

Being all the buildings, parts of buildings, etc., lying within the lines of Sunnyside ave. from Miller ave. to Highland ave., in the Twenty-sixth Ward of the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, MAY 25, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 1. Two-story brick building and fences on Sunnyside ave. at Hendrix st.

Parcel 2. Part of frame barn and fences on Sunnyside ave. between Hendrix st. and Barbey st. Cut barn 21.77 feet on west side by 19.28 feet on east side.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 25th day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 25, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m10,25

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of The Bronx.

Being all the buildings, parts of buildings, etc., lying within the lines of Spuyten Duyvil road from Spuyten Duyvil Depot to the junction of Riverdale ave. and W. 230th st., in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

WEDNESDAY, MAY 24, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 1. Part of porch and steps on the east side of Spuyten Duyvil road near Spuyten Duyvil station. Cut 3 feet on north end to southwesterly corner of porch.

Parcel 2. Two and one-half story brick basement house on Spuyten Duyvil road near Division street, with hen house and part of woodshed.

Parcel 3. Part of one-story frame house and outbuildings east of and adjoining Parcel 2. Cut house 15.1 feet on east side of 16.2 feet on west side.

Parcel 4. Part of one-story frame house on south side of Spuyten Duyvil road and two chicken houses east of Parcel 3. Cut house 11.9 feet on west side by 13.6 feet on east side by 20.2 feet.

Parcel 5. One and one-half story frame house on Spuyten Duyvil road at Johnson ave.

Parcel 6. Two-story and attic frame house east of and adjoining Parcel 5.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan until 11 a. m. on the 24th day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 24, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m8,24

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Manhattan, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids at the upset or minimum price stated for each parcel of all the buildings, parts of buildings, etc., standing upon property owned by The City of New York acquired by it for street opening purposes, in the

Borough of Manhattan.

Being all the buildings, parts of buildings, etc., lying within the lines of Riverside drive on its easterly side from W. 158th st. to W. 165th st., in the Borough of Manhattan, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

TUESDAY, MAY 23, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 1. Part of three-story brick house on the northeast corner of W. 158th st. and Riverside drive (615 W. 158th st.). Cut 16.7 feet on east side by 45.04 feet on west side. Upset price, $2,500.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 23d day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserved the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 23, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m6,23

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Manhattan, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids, all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Manhattan.

Being all the buildings, parts of buildings, etc., lying within the lines of W. 163d st., from Amsterdam ave. to St. Nicholas ave., in the Borough of Manhattan, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Financ , 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

MONDAY, MAY 22, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 1—Part of one-story frame shop and stable, 2080 Amsterdam ave. Cut 25 feet on east and west sides.

Parcel No. 2—Two-story frame house, 2082 Amsterdam ave.

Parcel No. 3—Two-story frame house, 2084 Amsterdam ave.

Parcel No. 4—Two-story and basement brick house, 1052 St. Nicholas ave.

Parcel No. 5—Two-story and basement brick house, 1054 St. Nicholas ave.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 22d day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 22, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m5,22

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Queens, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sae by sealed bids at the upset or minimum price stated for each parcel of all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Queens.

Being all the buildings, parts of buildings, etc., standing within the lines of George st., between Wyckoff ave. and Myrtle ave., in the Borough of Queens, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto, will be held by direction of the Comptroller on

SATURDAY, MAY 20, 1911,

at 11 a. m., in lots and parcels and in manner and form and at the upset prices as follows:

Parcel No. 1—Part of one-story frame restaurant building. Cut 18.2 feet on east end by 20.95 feet on west end, by 124.6 feet on north side. Part of frame merry-go-round stand. Cut 27.46 feet on east side by 26.98 feet on west side. Also three small frame buildings (19 by 20), (7.78 by 8.13), and (12.22 by 12.15), in rear of restaurant building. Upset price, $300.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 20th day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 20, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 3, 1911. m4,20

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Richmond, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids at the upset or minimum price stated for each parcel of all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Richmond.

Being all the buildings, parts of buildings, etc., standing within the lines of Targee st. from Laurel ave. to Clove road, in the Borough of Richmond, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto will be held by direction of the Comptroller on

FRIDAY, MAY 19, 1911,

at 11 a. m. in lots and parcels and in manner and form and at upset prices as follows:

Parcel No. 69—One and one-half story frame house and outbuildings, 36 Laurel ave. Upset price, $100.

Parcel No. 72—Two and one-half story frame

house, 33 Osgood ave. and about two-thirds of two and one-half story frame house, 35 Osgood ave. and outbuildings. Upset price, $700.

Parcel No. 84—Two and one-half story frame house on Targee st. between Osgood ave. and Waverly place. Upset price, $50.

Parcel Nos. 107 and 108—Two and one-half story frame house, 40 Irving place and outbuildings. Upset price, $900.

Parcel No. 128—About two-thirds of two and one-half story frame house, 42 Roff st. Upset price, $600.

Parcel No. 129—Two sheds on Roff st. south of Parcel No. 128. Upset price, $10.

Parcel No. 134—Shed on rear of lot 59 Metcalf st. Upset price, $5.

Parcel No. 135—About five-eighths of one and one-half story frame house, 61 Metcalf st. Upset price, $200.

Parcel No. 136—Two and one-half story frame house and outbuilding, 63 Metcalf st. Upset price, $250.

Parcel No. 137—Two and one-half story frame house, 65 Metcalf st. Upset price, $400.

Parcel No. 138—About half of a two-story frame house, 67 Metcalf st. Upset price, $100.

Parcel No. 151—Two-story frame house, 437 Vanderbilt ave. Upset price, $250.

Parcel No. 186—About two-thirds of a two-story frame house, 647 Danube ave. Upset price, $300.

Parcel No. 202—About two-thirds of a two-story frame house on the southeast corner of Danube ave. and Steuben st. Upset price, $300.

Parcel No. 213—About seven-eighths of a two and one-half story frame house, 691 Danube ave. Upset price, $50.

Parcel No. 220—Two-story frame house, 693 Danube ave. Upset price, $200.

Parcel No. 221—About two-thirds of a two-story frame house, 695 Danube ave. Upset price, $300.

Parcel No. 247—About three-fourths of a two-story frame house and about two-thirds of a two-story frame barn, 741 Danube ave. Upset price, $400.

Parcel No. 258—About one-half of a two-story frame house and about one-half of an open shed, 751 Danube ave. Upset price, $400

Parcel No. 259—About one-half of a two and one-half story frame house, 753 Danube ave. Upset price, $400.

Parcel No. 266—Two-story frame house on the northeast corner of Danube ave. and DeKalb st. Upset price, $50.

Parcel No. 267—About one-half of a two-story frame house, 771 Danube ave. Upset price, $300.

Parcel No. 278—About one-third of a two and one-half story frame house, 783 Danube ave. Upset price, $150.

Parcel No. 282—About one-third of a two and one-half story frame house, 791 Danube ave. Upset price, $150.

Parcel No. 294—About three-quarters of a two-story frame house, 803 Danube ave. Upset price, $50.

Parcel No. 295—About one-tenth of a two and one-half story frame house, 805 Danube ave. Upset price, $50.

Parcel No. 305—About one-sixth of a two-story frame house, 811 Danube ave. Upset price, $50.

Parcel Nos. 315 and 316—About one-half of a two-story frame house, one shed and part of a shed at the northeast corner of Danube ave. and Clove ave. Upset price, $150.

Sealed bids (blank forms of which may be obtained upon application), will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 19th day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 19, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 2, 1911. m3,19

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids at the upset or minimum price stated for each parcel of all the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of The Bronx.

Being all the buildings, parts of buildings, etc., standing within the lines of Tratman ave. from Zerega ave. to Benson ave., in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 26, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, MAY 18, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel No. 186—Part of two-story frame house, 1432 Zerega ave. Cut 15.2 feet on west end by 15.8 feet on east end. Upset price $1,500.

Parcel No. 187—Two-story frame house, 1430 Zerega ave. Upset price $1,750.

Parcel No. 190—Part of porch and steps and one-story frame barn at the southwest corner of Rowland st. and Tratman ave. Cut porch 1.6 feet on west end by 1.5 feet on east end. Upset price $10.

Parcel No. 194—Part of three-story frame house and part of porch and steps on the northeast corner of Rowland st. and Tratman ave. Cut house 4.4 feet on west end by 4.5 feet on east end. Cut porch 2.5 feet on each end. Upset price $300.

Parcel No. 195—Fence on the north side of Tratman ave. east of and adjoining Parcel No. 194. Upset price $5.

Parcel No. 196—Fence on the north side of Tratman ave. east of and adjoining Parcel No. 195. Upset price $5.

Parcel No. 197—Fence on the north side of Tratman ave. east of and adjoining Parcel No. 196. Upset price $5.

Parcel No. 199—Picket fence at the southeast corner of Tratman ave. and Rowland st. Upset price $15.

Parcel No. 200—Fence on the south side of Tratman ave. east of and adjoining Parcel No. 199. Upset price $5.

Parcel No. 201—Fence on the south side of Tratman ave. east of and adjoining Parcel No. 200. Upset price $5.

Parcel No. 206—Part of two and one-half story frame house, 1431 Overing ave. Cut 2.3 feet on west end by 3.7 feet on east end. Upset price $250.

Parcel No. 207—Two and one-half story frame house, 1429 Overing ave. Upset price $1,500.

Parcel No. 208—Fence south of and adjoining Parcel No. 207. Upset price $5.

Parcel No. 211—Part of two-story frame house, 1430 Overing ave. Cut 2.8 feet on west end by 4.7 feet on east end. Upset price $350.

Parcel No. 213—Two-story frame house, 1426 Overing ave. Upset price $1,750.

Parcel No. 217—Two-story frame house, 1411 Benson ave. Upset price $1,750.

Sealed bids (blank forms of which may be obtained upon application), will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 18th day of May, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 18, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, April 29, 1911. m2,18

Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMpanies will be accepted as sufficient upon the following contracts to the amounts named:

Supplies of Any Description, Including Gas and Electricity.

One company on a bond up to $50,000.

When such company is authorized to write that amount as per letter of Comptroller to the suret, companies, dated September 16, 1907.

Construction.

One company on a bond up to $25,000.

Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Asphalt, Asphalt Block and Wood Block Pavements.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated September 16, 1907.

Dated January 3, 1910.

WILLIAM A. PRENDERGAST, Comptroller.

Notices of Sale.

NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of sales of February 6, 20, March 6, April 10, May 1, and May 15, 1911, has been continued to

MONDAY, MAY 29, 1911,

at 10 o'clock a. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Coroner's Court Room, Bronx Building, 531 Tremont ave., in the Borough of The Bronx, in The City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated May 15, 1911. m16,29

NOTICE OF CONTINUATION OF BROOKLYN TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Brooklyn, as to liens remaining unsold at the termination of sales of July 27, August 3, 24, September 7, 21, October 5, 19, November 2, 16, 30, December 14 and 28, 1910, January 11, 25, February 8, March 1, 15, 29, April 5, 19, 26 and May 10, 1911, has been continued to

WEDNESDAY, JUNE 14, 1911,

at 2 p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 2, Borough Hall, in the Borough of Brooklyn, as heretofore.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated May 10, 1911. m11,j14

NOTICE OF CONTINUATION OF TAX SALE IN THE BOROUGH OF MANHATTAN.

THE SALE OF TAX LIENS OF THE CITY of New York for unpaid taxes, including special franchise taxes, held May 19, 1910, pursuant to advertisement, will be continued as to the liens remaining unsold at the termination of sales of May 19, 26, June 2, 9, 16, 23, 30, July 7, 14, 21, August 4, 29, September 2, October 3, November 3, December 5, 1910, January 5, February 9, March 9, and April 13, 1911, to

THURSDAY, MAY 18, 1911,

at 10 a. m., in the Aldermanic Chamber in the City Hall, postponement to said date being by direction of the Comptroller of The City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. a14,m18

Dated April 13, 1911.

Notices to Property Owners.

NOTICE OF ASSESSMENT FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following-named streets in the BOROUGH OF MANHATTAN:

TWELFTH WARD, SECTION 8.

HILLSIDE AVENUE—OPENING, from Nagle ave., near Broadway, to Nagle ave. near Dyckman st., as heretofore laid out on the map or plan of The City of New York. Confirmed April 13, 1911; entered May 16, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the intersection of a line 100 feet southwesterly from and parallel with the southwesterly line of Hillside ave., the said distance being measured at right angles to the line of Hillside ave., with the easterly side of Broadway, and running thence northeastwardly along the southeasterly side of Broadway and the southeasterly line of Nagle ave. to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly side of Hillside ave., the said distance being measured at right angles to the line of Hillside ave.; thence southeastwardly, eastwardly and northeastwardly and always parallel with the northeasterly, northerly and northwesterly line of Hillside ave., and distant 100 feet therefrom, to the intersection with the southeasterly line of Nagle ave.; thence northeastwardly and along the southeasterly side of Nagle ave., and along the prolongation of the said line, to the intersection with the prolongation of the westerly line of St. Nicholas ave.; thence southwardly and along the westerly line of St. Nicholas ave., and along the prolongation of the said line, to the intersection with a line 100 feet southeasterly from and parallel with the southeasterly line of Hillside ave., the said distance being measured at right angles to the line of Hillside ave.; thence southwestwardly, westwardly and northwestwardly and along a line always distant 100 feet, from the southeasterly, southerly and southwesterly line of Hillside ave., the said distance being measured at right angles to the line of Hillside ave., to the point or place of beginning.

The above-entitled assessment was entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau fore the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 15, 1911, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 16, 1911. m18,29

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

NINTH WARD, SECTION 2.

BARROW STREET—REPAVING, from West st. to a point 155 feet 8 inches easterly therefrom, being a grant of land under water. Area of assessment: Affects Lots 5, 6, 10 and 11 in Block 603.

TWELFTH WARD, SECTION 6.

LENOX AVENUE—REPAIRING SIDEWALK in front of 304, 306 and 308. Area of assessment affects Lots 1 and 4 in Block 1723.

—that the same were confirmed by the Board of Assessors on May 16, 1911, and entered on May 16, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 15, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 16, 1911. m18,29

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

THIRTIETH WARD, SECTION 17.

FOURTEENTH AVENUE—SEWER from New Utrecht ave. to 65th st. and NEW UTRECHT AVENUE—OUTLET SEWER, westerly side, from 14th ave. to 60th st. Area of assessments affects BLOCKS 5719, 5720, 5725, 5726, and 5727, 5732, 5733, 5734, 5739, 5740, 5741, 5747, 5748, 5754, 5755, 5761, 5762, 5768 and 5769.

—that the same was confirmed by the Board of Assessors on May 16, 1911, and entered May 16, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 15, 1911, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 16, 1911. m18,29

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND:

FOURTH WARD.

SEWER IN MAPLE ST. (partly through an easement) from a point 240 feet east of the bulkhead line, to Tompkins ave.; PENNSYLVANIA AVE., from Tompkins ave., running northerly to Tompkins ave. running south; in CLIFTON AVE. and VIRGINIA AVE., from Tompkins ave. to Fox Hill terrace; ST. MARYS AVE., from Tompkins ave. to a point 190 feet westerly, and BASINS between Tompkins ave. and Reynolds st., and from a point 70 feet west of Oak st. to existing sewer; CHESTNUT AVE., from Tompkins ave. to Charles st., and in NEW YORK AVE. between Maple and Willow aves., being within Sewerage Districts 5 and 5a. Area of assessments affects property located in the Fourth Ward, Plots A, 1, 2, 3, 4, 5, 6, 14, 15, 17 and 20.

The above entitled assessment was confirmed by the Board of Assessors on May 16, 1911, and entered May 16, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 15, 1911, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 16, 1911. m18,29

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

NINTH WARD, SECTION 2.

BARROW STREET—REPAVING, from West st. to a point 155 feet 8 inches easterly therefrom, being a grant of land under water. Area of assessment: Affects Lots 5, 6, 10 and 11 in Block 603.

TWELFTH WARD, SECTION 6.

LENOX AVENUE—REPAIRING SIDEWALK in front of 304, 306 and 308. Area of assessment affects Lots 1 and 4 in Block 1723.

—that the same were confirmed by the Board of Assessors on May 16, 1911, and entered on May 16, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 15, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 16, 1911. m18,29

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of Assessments for

OPENING AND ACQUIRING TITLE to the following named avenue in the BOROUGH OF BROOKLYN:

THIRTIETH WARD, SECTIONS 17 AND 19.

BAY RIDGE AVENUE—OPENING, between 15th ave. and New Utrecht ave., and between 17th ave. and Bay parkway. Confirmed March 23, 1911; entered May 15, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

(1) Bounded on the northwest by a line distant 100 feet northwesterly from and parallel with the northwesterly line of 15th ave., the said distance being measured at right angles to the line of 15th ave.; on the northeast by a line midway between 68th st. and Bay Ridge ave.; on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of New Utrecht ave., the said distance being measured at right angles to the line of New Utrecht ave., and on the southwest by a line midway between Bay Ridge ave. and 70th st.

(2) Bounded on the northwest by a line distant 100 feet northwesterly from and parallel with the northwesterly line of 17th ave., the said distance being measured at right angles to the line of 17th ave.; on the northeast by a line midway between 68th st. and Bay Ridge ave. and by the prolongation of the said line; on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Bay parkway, the said distance being measured at right angles to the line of Bay parkway, and on the southwest by a line midway between Bay Ridge ave. and 70th st. and by the prolongation of the said line.

—the above-entitled assessment was entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics' Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 14, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 15, 1911. m17,27

NOTICE OF ASSESSMENT FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following named streets in the BOROUGH OF MANHATTAN.

TWELFTH WARD, SECTION 8.

WEST ONE HUNDRED AND SEVENTY-SIXTH STREET—OPENING from Amsterdam ave. to St. Nicholas ave. Confirmed February 1, 1910; entered May 13, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

On the north by a line midway between W. 177th st. and W. 178th st.; on the south by a line midway between W. 174th and W. 175th sts.; on the east by a line 100 feet east of the easterly side of Amsterdam ave. and parallel therewith, and on the west by a line 100 feet west of the westerly side of St. Nicholas ave. and parallel therewith.

WEST ONE HUNDRED AND SEVENTY-SEVENTH STREET—OPENING, from Amsterdam ave. to St. Nicholas ave. Confirmed March 9, 1909, and September 15, 1910; entered May 13, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of a line parallel to and distant 100 feet easterly from the easterly line of Amsterdam ave. with the easterly prolongation of a line parallel to and distant 100 feet southerly from the southerly line of W. 176th st.; running thence westerly along said prolongation and line parallel to W. 176th st. to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Buena Vista ave.; thence southerly along said line parallel to Buena Vista ave. to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of W. 175th st.; thence westerly along said line parallel to W. 175th st. and its westerly prolongation to its intersection with a line parallel to and distant 100 feet westerly from the westerly line of Riverside drive; thence northerly along said line parallel to Riverside drive to its intersection with the westerly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of W. 178th st.; thence easterly along said westerly prolongation and line parallel to W. 178th st. and its easterly prolongation to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Amsterdam ave.; thence southerly along said line parallel to Amsterdam ave. to the point or place of beginning.

The above-entitled assessments were entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 12, 1911, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 13, 1911. m16,26

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

NINTH WARD, SECTION 4.

WASHINGTON AVENUE—SEWER, between President and Montgomery sts. Area of assessment: Both sides of Washington ave., from Union st. to Montgomery st.

SIXTEENTH WARD, SECTION 8.

MONTROSE AVENUE—SEWER, as extended, between Union ave. and Broadway. Area of assessment affects Block No. 2465.

TWENTY-SIXTH WARD, SECTION 12.

LOTT AVENUE—SEWER, between Christopher ave. and Powell st. Area of assessment: Both sides of Lott ave., from Christopher ave. to Powell st.

TWENTY-NINTH WARD, SECTION 16.

EAST TWENTY-THIRD STREET—PAVING, between Ditmas and Newkirk aves. Area of assessment: Both sides of E. 23d st., from Ditmas to Newkirk aves., and to the extent of half the block at the intersecting streets.

THIRTIETH WARD, SECTION 16.

FIFTEENTH AVENUE—SEWER, between 80th and 84th sts., and OUTLET SEWER in FIFTEENTH AVENUE, between 84th and 86th sts., and TRIBUTORY SEWERS in EIGHTY-SECOND STREET, between 17th ave. and a point about 350 feet west of 15th ave.; in SEVENTEENTH AVENUE, between 82d and 83d sts.; in SIXTEENTH AVENUE, between 82d and 83d sts., and in EIGHTY-FIFTH STREET, between 16th ave. and a point about 350 feet west of 15th ave. Area of assessments affects Blocks Nos. 6281 to 6284, inclusive, 6293, 6294 and 6295, 6304, 6305 and 6306, 6310 to 6313, inclusive, 6323, 6324, 6340 and 6341.

—that the same were confirmed by the Board of Assessors on May 9, 1911, and entered May 9, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 8, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 9, 1911. m11,22

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BOROUGH OF QUEENS:

FIRST WARD.

WEBSTER AVENUE—SEWER, from 4th to 5th aves. Area of assessment: Both sides of Webster ave. from 4th to 5th aves.

—the above-entitled assessment was confirmed by the Board of Assessors on May 9, 1911, and entered May 9, 1911, in the Record of Titles of Assessments kept in the Bureau for the Collection of Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of said assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 8, 1911, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, May 9, 1911. m11,22

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

P. J. SCULLY, City Clerk and Clerk to the Board of Aldermen.

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesdays, at 11 a. m., at call of the Mayor.

HENRY J. WALSH, Deputy Chamberlain, Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Friday, at 11 a. m., upon notice of the Chief Clerk.

JOHN KORB, JR., Chief Clerk.

Board of City Record.

The Board of City Record meets in the City Hall, at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10 o'clock a. m. on

MONDAY, MAY 22, 1911,

FOR FURNISHING ALL NECESSARY LABOR AND MATERIAL REQUIRED TO INSTALL A HOT WATER HEATING APPARATUS IN THE PHYSICIAN'S RESIDENCE AND IN THE NEW ANNEX TO THE TYMESON HOUSE, AT THE TUBERCULOSIS SANATORIUM, AT OTISVILLE.

The time for the completion of the work and the full performance of the contract is forty-five (45) consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

The contractor as a condition precedent to the acceptance and payment for the work will be required to furnish a bond in the sum of $500 as a guarantee, to remain in force for one year, that the work has been satisfactorily completed.

Blank forms and plans for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., JAMES C. CROPSEY, Board of Health.

Dated 1911. m9,22

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health in the office of the Secretary, Room 46, until 10 o'clock a. m., on

MONDAY, MAY 22, 1911,

FOR FURNISHING AND DELIVERING TEN (10) HORSES TO THE DEPARTMENT OF HEALTH.

The time for the delivery of the supplies and the performance of the contract is within sixty (60) days after the date of the Comptroller's endorsement upon the contract. The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan.

ERNST J. LEDERLE, President; ALVAH H. DOTY, M. D.; JAMES C. CROPSEY, Board of Health.

Dated, 1911. m9,22

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD OF ESTIMATE AND APPORTIONMENT.

Franchise Matters.

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day, the following resolutions were adopted:

Whereas, The Jay Street Connecting Railroad has, under date of October 11, 1910, made application to this Board for the grant of the right, privilege or franchise to construct, maintain and operate railroad tracks upon and along Jay, John, Pearl and Plymouth streets, in the Borough of Brooklyn, and

Whereas, Section 172 of the Railroad Law, and sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants, and

Whereas, In pursuance of such laws this Board adopted a resolution on October 28, 1910, fixing the date for public hearing thereon, as November 25, 1910, at which citizens were entitled to appear and be heard, and by motion duly adopted November 18, 1910, said hearing was adjourned to December 9, 1910, and publication was had for at least fourteen (14) days in the Brooklyn "Citizen" and "Standard Union," newspapers designated by the Mayor, and in the CITY RECORD for ten (10) days immediately prior to the date of hearing, and the public hearing was duly opened on December 9, 1910, and was continued to December 22, 1910, on which date it was concluded and closed, and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to The Jay Street Connecting Railroad, and the adequacy of the compensation proposed to be paid therefor; now, therefore, it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by The Jay Street Connecting Railroad, containing the form of proposed contract for the grant of such franchise or right be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to The Jay Street Connecting Railroad the franchise or right fully set out and described in the following form of proposed contract for the grant thereof embodying all of the terms and conditions, including the provisions as to rates, fares and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be, and he hereby is, authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

PROPOSED FORM OF CONTRACT.

This contract, made this day of 191 , by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and The Jay Street Connecting Railroad (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1—The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right and privilege to construct, maintain and operate railroad tracks, either at the same grade as the surface of the streets, or above or below the grade thereof, as shall be determined by the Public Service Commission for the First District of the State of New York, pursuant to law, for the purpose of conveying goods, wares and merchandise only, in the Borough of Brooklyn, City of New York, the centre lines of which are as follows:

A. One track beginning at a point on the easterly side line of Jay street about fifty-eight (58) feet northerly from the northerly side line of John street; thence southeasterly for a distance of about one hundred and thirty (130) feet to a point on the southerly side line of John street situated about twenty (20) feet eight (8) inches westerly from the westerly side line of Jay street.

Also two spurs or turnouts from said Track A as follows:

(1) One spur or turnout beginning at a point in Track A situated about seventy (70) feet from the southerly side line of John street, measured along the centre line of Track A; thence southwesterly on a curve whose radius is one hundred and fifty (150) feet, for a distance of fifty-three (53) feet, to a point in John street; thence continuing in a straight line a distance of about thirty-nine (39) feet to a point in the southerly side line of John street, which point is about fifty (50) feet six (6) inches from the westerly side line of Jay street.

(2) One spur or turnout beginning at a point in the centre line of Track A situated about fifty-five (55) feet from the southerly side line of John street, measured along the centre line of Track A; thence southwesterly on a curve whose radius is one hundred and fifty (150) feet for a distance of fifty-five (55) feet to a point on the southerly side line of John street situated about ten (10) feet six (6) inches from the westerly side line of Jay street.

B. One track beginning at a point on the easterly side line of Pearl street situated about eight (8) feet southerly from the southerly side line of John street; thence northwesterly on a curve whose radius is about two hundred (200) feet for a distance of about sixty-five (65) feet to a point on the northerly side line of John street.

C. One track beginning at a point in the easterly side line of Pearl street situated about ninety (90) feet southerly from the southerly side line of John street; thence on a curve whose radius is about two hundred (200) feet for a distance of about fifty-two (52) feet to a point on the westerly side line of Pearl street.

D. One track beginning at a point on the northerly side line of Plymouth street situated about twenty (20) feet westerly from the westerly side line of Jay street; thence southerly at right angles to the centre line of Plymouth street for a distance of about forty (40) feet to the southerly side line of Plymouth street.

E. One track beginning at a point on the northerly side line of Plymouth street situated about ten (10) feet west from the westerly side line of Jay street; thence southeasterly crossing Plymouth and Jay streets for a distance of about one hundred and fifty-five (155) feet to a point on the easterly side line of Jay street, **situated about ninety-five** (95) feet southerly from the southerly side line of Plymouth street.

The said track, spurs and turnouts hereby authorized are shown upon a map entitled, "Plan showing proposed tracks on John, Jay, Pearl and Plymouth streets, Borough of Brooklyn, City of New York, to accompany amended application dated 11th day of October, 1910, The Jay Street Connecting Railroad to the Board of Estimate and Apportionment," and signed "The Jay Street Connecting Railroad by William A. Jamison, President, and F. E. Pratt, Engineer," a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom and additional turnouts, switches and crossovers which are consistent with the foregoing description, and the other provisions of this contract may be permitted by resolution of the Board.

Sec. 2—The grant of this privilege **is subject** to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railroad shall be obtained by the Company within one (1) month from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall within said one (1) month or within one (1) month thereafter, make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law to determine if said railroad ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railroad shall be held and enjoyed by the Company for the term of fifteen (15) years from the date upon which this contract is signed by the Mayor.

Third—Upon the termination of this contract at the expiration of said fifteen (15) years, or upon the termination of the rights hereby granted for any cause at any other time, or upon the dissolution of the Company before such termination, the tracks and equipments of the Company constructed pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract, as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its tracks and other equipment constructed pursuant to this contract and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Fourth—The Company shall pay to the City for the privilege hereby granted the following sums of money:

(a) The sum of three thousand dollars ($3,000)

in cash within thirty (30) days after the date on which this contract is signed by the Mayor and before anything is done in exercise of the privilege hereby granted.

(b) During the first ten (10) years of this contract an annual sum of five hundred dollars ($500).

During the succeeding five (5) years of this contract an annual sum of one thousand dollars ($1,000).

The annual charges shall commence from the date upon which this contract is signed by the Mayor.

All annual charges, as above, shall be paid into the Treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding. Provided that the first annual payment shall be only for that proportion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following shall bear to the whole of one year.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be made in addition to any and all taxes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of the City, or resolution of the Board, or any law of the State of New York.

Fifth—The annual charges or payments shall continue throughout the whole term of this contract, notwithstanding any clause in any statute or in the charter of any other railway or railroad company providing for payment for railway or railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Sixth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any person or corporation a franchise or right to use the streets hereinbefore described or any part of them for railway purposes.

Seventh—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statute relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Eighth—The Company shall commence construction of the railroad herein authorized within six (6) months from the date upon which the consents of the property owners are filed with the Board, or from the date of the order of the Appellate Division of the Supreme Court made pursuant to section 174 of the Railroad Law confirming the determination of the Commissioners appointed thereunder, that such railroad ought to be constructed, and shall complete the construction and place the same in full operation within nine (9) months from the date of filing such consents or the date of such order, otherwise this right shall cease and determine, and all sums paid, or which may be deposited with the Comptroller of the City, as hereinafter provided, shall thereupon be forfeited to the City; provided that the period for commencement and the period for completion and placing the railway in full operation may be extended by the Board, but the total extension of time for either of such periods shall not exceed in the aggregate six (6) months; and provided, further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board, either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Ninth—Said railroad shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

No construction upon said railroad shall be commenced until written permits have been obtained from the proper City officials.

In any permits so issued such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures, in the streets and avenues, over which such officials have jurisdiction, and the Company shall comply with such conditions.

The electrical equipment to be installed, if any, by the Company for the operation of the railroad within the limits of the City, whether the same be upon streets and avenues or upon private property, shall be constructed and maintained under the supervision and control of the Commissioner of Water Supply, Gas and Electricity.

Tenth—The work of construction of the tracks hereby authorized shall be done in such manner as shall not substantially interfere with the ordinary use of any street or avenue as a public highway.

Eleventh—Cars may be operated upon said tracks by steam locomotives, which shall be housed or boxed so as to conform with the type commonly known as the dummy engine, or by any other motive power which may be approved by the Board and consented to by the abutting property owners, in accordance with the provisions of law, and by the Public Service Commission for the First District of the State of New York, provided, however, that the Board, upon giving to the grantee one year's notice, may require the Company to operate its railroad upon the whole or any portion of the tracks hereby authorized by such system of electric power as may be designated by the Board, and the Company shall thereupon discontinue the use of steam locomotives from such tracks.

Twelfth—Neither passengers nor vehicles shall be prevented from crossing the tracks hereby authorized by the occupation of such tracks by cars or trains operated thereon, for a greater period than five consecutive minutes at any time, and the aggregate of such periods shall not exceed ten minutes in any hour between 7 o'clock a. m. and 6 o'clock p. m.

Thirteenth—Should the Company be allowed to operate at the same grade as the streets and avenues, the Company shall station flagmen at such points as shall be necessary to exclude pedestrians and vehicles from the tracks at all times when cars or trains shall be operated thereon. Should it seem necessary in the opinion of the Board at any time during the term of this contract, that gates be erected, maintained and operated across any of the streets or avenues for the purpose of excluding pedestrians and vehicles from the tracks hereby authorized, then the Company shall erect, maintain and operate such gates as may be designated, upon thirty days' notice by the Board to the Company.

Fourteenth—As long as said tracks or any portion thereof remain in any street or avenue, the Company shall set the curbs, pave the roadways and sidewalks and keep in permanent repair that portion of the surface of the streets and avenues in which said railroad is constructed, between its tracks, the rails of its tracks for a distance of two (2) feet beyond the rails on either side thereof under the supervision of the local authorities whenever required by them to do so, and in such manner as they may prescribe. In case of the neglect of the Company to make pavement or repairs after the expiration of thirty (30) days' notice to do so from the President of the Borough of Brooklyn, said President may make the same at the expense of the Company. And the City shall have the right to change the material or character of the pavement of any street or avenue, and in that event the Company shall be bound to replace such pavement in the manner directed by the proper City official at its own expense, and the provisions as to repairs herein contained shall apply to such renewed or altered pavement.

Fifteenth—Should the Company be allowed to operate at the same grade as the streets and avenues, it shall at all times keep the streets and avenues upon which the said railroad is constructed, between its tracks, the rails of its track and for a distance of two (2) feet beyond the rails, on either side thereof, free and clear from ice and snow; provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of street surface from house line to house line.

Sixteenth—Should the grades or lines of the streets and avenues in which the railroad is hereby authorized be changed at any time after the railroad has been constructed and during the term of this contract, the Company shall, at its own expense, change its tracks and appurtenances to conform with such new grades and lines, and during the construction of any public improvement upon said streets and avenues the Company shall take care of and protect the tracks and appurtenances at its own expense, all to be done subject to the direction of the City official having jurisdiction over the construction of such change.

Seventeenth—It is agreed that the right hereby granted to operate a railroad shall not be in preference or in hindrance to public work of the City, and should the said railroad in any way interfere with the construction of public works in the streets and avenues, whether the same is done by the City directly or by a contractor for the City, the Company shall, at its own expense, protect or move the tracks and appurtenances in the manner directed by the City officials having jurisdiction over such public work.

Eighteenth—Any alterations to the sewerage or drainage systems, or to any other subsurface or to any surface structures in the streets, required on account of the construction or operation of the railroad, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Nineteenth—Said railroad shall be constructed and operated in the latest approved manner of street railroad construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railroad equipment, including rolling stock and railroad appurtenances, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time the rights hereby granted shall cease and determine.

Twentieth—The rates for carrying property upon the tracks hereby authorized shall in all cases be reasonable in amount, subject to the control of the Board, and may be fixed by the Board after notice to the Company, and a hearing had thereon, and when so fixed such rates shall be binding upon the Company, and no rates in excess of those fixed shall be charged for such service.

Twenty-first—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts, the total miles in operation within the limits of the City and the miles of railroad constructed and operated under this contract and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-second—In case of any violation or breach or failure to comply with any of the provisions herein contained, or with any orders of the Board, acting under the powers herein reserved, the franchise or consent herein granted may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railroad constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Twenty-third—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250), as fixed or liquidated damages, or the Board, in case such structures or equipment which may affect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board as aforesaid shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Twenty-fourth—The Company shall assume all liability to persons or property by reason of the construction or operation of the railroad authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Twenty-fifth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of rights conferred hereby, shall deposit with the Comptroller of the City the sum of Five Thousand dollars ($5,000), either in money or securities, to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract and compliance with all orders of the Board acting under the powers herein reserved, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at reasonable rates, the repairs of the street pavement, the removal of snow and ice, the quality of construction of the railroad, and the maintenance of the property in good condition throughout the whole term of this contract, and in case of default in the performance by the Company of such terms and conditions, or compliance with such orders or either or any of them, the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten (10) days' notice to the Company; or in case of failure to observe the said terms and conditions of this contract and orders of the Board acting hereunder, relating to the obstruction of traffic, the maintenance of gates and flagmen, the Company shall pay a penalty of fifty dollars ($50) per day for each day of violation, all of which sums may be deducted from said fund.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing appears, in the judgment of the Board, to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall, upon ten (10) days' notice, pay to the City a sum sufficient to restore said security fund to the original amount of five thousand dollars ($5,000), and in default thereof, this contract shall be cancelled and annulled at the option of the Board, acting on behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Twenty-sixth—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets and avenues in which the Company is hereby authorized to operate.

Twenty-seventh—The Company hereby agrees that it will not institute any proceedings to acquire by condemnation any land, property, appurtenances or rights pursuant to any law, unless and until permitted to do so by resolution of the Board, otherwise this grant shall cease and determine.

Twenty-eighth—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twenty-ninth—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then and in such case such other Board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Sec. 3—Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Sec. 4—This grant is also upon the further and express condition that the provisions of Article 5 and other provisions of the Railroad Law, pertinent hereto, shall be strictly complied with by the Company.

Sec. 5—The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

In Witness Whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,
By .....,
Mayor.

[CORPORATE SEAL]
Attest:.....,
City Clerk.

THE JAY STREET CONNECTING RAILROAD,
By .....,
President.

[SEAL]
Attest:.....,
Secretary.

(Here add acknowledgments.)

Resolved, That the result of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor and of the terms and conditions including the provision as to rates, fares and charges are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions for the grant of a franchise or right applied for by The Jay Street Connecting Railroad and the said form of proposed contract for the grant of such franchise or right containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, June 8, 1911, in the CITY RECORD, and at least twice during the ten (10) days immediately prior to Thursday, June 8, 1911, in two daily newspapers to be designated by the Mayor therefor, and published in The City of New York, at the expense of The Jay Street Connecting Railroad, together with the following notice to wit:

Notice is hereby given that the Board of Estimate and Apportionment before authorizing any contract for the grant of a franchise or right applied for by The Jay Street Connecting Railroad, and fully set forth and described in the foregoing form of proposed contract, for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will at a meeting of said Board to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, June 8, 1911, at 10.30 o'clock a. m. hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

(The New York "Press" and "Morning Telegraph" designated.)

JOSEPH HAAG, Secretary.
Dated New York, April 27, 1911. m15,j8

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The Richmond Light and Railroad Company has under date of January 6, 1911, made application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate a street surface railway, as an extension to its existing system, upon and along Wadsworth avenue and other streets and avenues in the vicinity of Fort Wadsworth, Borough of Richmond; and

Whereas, Section 172 of the Railroad Law and Sections 72, 73 and 74 of the Greater New York Charter, as amended by Chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on January 19, 1911, fixing the date for public hearing thereon as March 2, 1911, at which citizens were entitled to appear and be heard, and publication was had for at least fourteen (14) days in "The Sun" and "New York Commercial," newspapers designated by the Mayor, and in the CITY RECORD for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for, and proposed to be granted to the Richmond Light and Railroad Company, and the adequacy of the compensation proposed to be paid therefor; now, therefore, it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the Richmond Light and Railroad Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Richmond Light and Railroad Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates, fares and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of the City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

PROPOSED FORM OF CONTRACT.

This contract, made this day of 1911, by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Richmond Light and Railroad Company (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right and privilege to construct, maintain and operate a double track street surface railway, as an extension to its present railway, with the necessary wires and equipment, for the purpose of conveying persons and property in the Borough of Richmond, in The City of New York upon the following route, to wit:

Beginning at and connecting with the existing tracks of the Company in New York avenue at or near its intersection with a private street known as Wadsworth avenue; thence by double track southwesterly in and upon said Wadsworth avenue to Tompkins avenue; thence across said Tompkins avenue to a private right-of-way; thence in a southerly direction along said private right-of-way to Sea avenue; thence across Sea avenue to a private right-of-way; thence southerly along said private right-of-way to Florida avenue; thence along Florida avenue to Richmond avenue; thence across Richmond avenue to Ocean avenue and there connecting with the existing tracks of the Company.

And to cross such other streets and avenues, named and unnamed, as may be encountered in said route.

The said route with turnouts, switches and crossovers hereby authorized is shown upon a map entitled:

"Map showing proposed alteration in the Richmond Light and Railroad Company, in the Borough of Richmond, to accompany petition dated January 6, 1911, to the Board of Estimate and Apportionment; City of New York," —and signed by S. F. Hazelrigg, Vice-President, and Walter E. Pettigrew, Engineer; a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom and additional turnouts, switches and crossovers which are consistent with the foregoing description, and the other provisions of this contract may be permitted by resolution of the Board.

Sec. 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within three (3) months from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall, within said three (3) months or within one (1) month thereafter make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law to determine if said railway ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railway shall be held and enjoyed by the Company from the date upon which this contract is signed by the Mayor until* with the privilege of renewal of said contract for the further period of twenty-five (25) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two (2) years and not later than one (1) year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than the sum required to be paid during the last year prior to the termination of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one (1) year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding twenty-five (25) years shall be reasonable, and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six (6) months prior to the expiration of this original contract, and their report shall be filed with the Board within three (3) months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum shall, in any event, be less than the sum required to be paid for the last year of the original term of this contract. If in any case the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Third—The Company shall pay to the City for the privilege hereby granted, the following sums of money:

(a) The sum of five hundred dollars ($500) in cash within sixty (60) days after the date on which this contract is signed by the Mayor, and before anything is done in exercise of the privilege hereby granted.

(b) During the first term of five (5) years an annual sum which shall in no case be less than four hundred and seventy-five dollars ($475), and which shall be equal to three (3) per cent. of its gross annual receipts if such percentage shall exceed the sum of four hundred and seventy-five dollars ($475).

During the second term of five (5) years an annual sum which shall in no case be less than eight hundred and seventy-five dollars ($875), and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of eight hundred and seventy-five dollars ($875).

During the third term of five (5) years an annual sum which shall in no case be less than nine hundred and seventy-five dollars ($975) and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of nine hundred and seventy-five dollars ($975).

During the fourth term of five (5) years an annual sum which shall in no case be less than one thousand and seventy-five dollars ($1,075) and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of one thousand and seventy-five dollars ($1,075).

During the remaining term, expiring* an annual sum which shall in no case be less than one thousand one hundred and seventy-five dollars ($1,175), and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of one thousand one hundred and seventy-five dollars ($1,175).

As the Company is operating both railway and electric light and power properties, it is agreed that the gross annual receipts mentioned above shall be the portion of the gross receipts from the railway property of the Company, as distinguished from the electric light and power property, as shall bear the same proportion to the whole gross receipts from such railway property as the length of the extension hereby authorized shall bear to the entire length of the railway of the Company in operation within the limits of the City.

The annual charges shall commence from the date upon which this contract is signed by the Mayor.

All annual charges as above shall be paid into the treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding. Provided that the first annual payment shall be only for that proportion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following shall bear to the whole of one year.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before November 1 in each year for the year ending September 30 next preceding.

The annual charges herein provided are intended to include the percentages of gross receipts now required to be paid by railway companies to the City, pursuant to the Railroad Law as amended.

The sum of five hundred dollars ($500) which is hereinbefore required to be paid to the City by the Company within sixty (60) days after the date on which this contract is signed by the Mayor shall not be considered in any manner in the nature of a tax, but such payment shall be made in addition to any and all taxes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of the City, or resolution of the Board, or any law of the State of New York.

*Limit 25 years. To be made coterminous with grant for rights at St. George for which application is now pending.

Fourth—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal), notwithstanding any clause in any statute or in the charter of any other railway or railroad company providing for payment for railway or railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fifth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right or privilege upon the same or other terms and conditions, over the route hereinbefore described.

The use of the railway constructed by the Company under this contract, including the tracks, wires and other equipment or any structures used in connection therewith, in streets and avenues and private property hereinbefore described shall be permitted by the Company, to any individual or corporation to which the City may have granted, or may hereafter grant, the right or privilege to use such streets and avenues for street railway purposes, upon payment of an annual sum by such individual or corporation to the Company, which shall equal the legal interest on such proportion of the actual cost of the construction of such railway and structures, and additions and betterments thereto, as the number of cars operated by such individual or corporation shall bear to the number of cars operated by the companies then using the same; and also such proportion of the cost of keeping the tracks and electrical equipment in repair, and the cost of additions and betterments thereto, such proportion of laying and repairing of pavement and removal of snow and ice and all other duties imposed upon the Company by the terms of this contract in connection with the maintenance or the operation of said railway so used, as the number of cars operated by such individual or corporation shall bear to the number of cars operated by the companies then using the same, together with the actual cost of the power necessary for the operation of the cars thereon of such individual or corporation. Provided, however, that if in the opinion of the Company, the legal rate of interest upon the cost of such railway shall be an insufficient sum to be paid for the use of such tracks, it may appeal to the Board and the Board may fix a percentage upon the cost to be paid to the Company, at a sum in excess of the legal rate of interest, if, in its opinion, such action is justified.

The Company shall not at any time oppose, but shall, upon the request of the Board, consent to the construction or operation of any street surface railway which may necessitate the use of any portion of the railway which shall be constructed by the Company, pursuant to this contract.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in any wise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Seventh—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the tracks and equipments of the Company constructed, pursuant to this contract, within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board remove any and all of its tracks and other equipment constructed pursuant to this contract and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Eighth—The Company shall commence construction of the railway herein authorized within three (3) months from the date upon which the consents of the property owners are filed with the Board or from the date of the order of the Appellate Division of the Supreme Court made pursuant to Section 174 of the Railroad Law confirming the determination of the commissioners appointed thereunder, that such railway ought to be constructed and shall complete the construction and place the same in full operation within three (3) months from the date of filing such consents or the date of such order, otherwise this right shall cease and determine, and all sums paid, or which may be deposited with the Comptroller of the City, as hereinafter provided, shall thereupon be forfeited to the City; provided that the period for commencement and the period for completion and placing the railway in full operation may be extended by the Board, but the total extension of time for either of such periods shall not exceed in the aggregate six (6) months; and provided, further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided, further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Ninth—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway appurtenances, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time, the rights hereby granted shall cease and determine.

Tenth—Said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

No construction upon said railway shall be commenced until written permits have been obtained from the proper City officials.

In any permits so issued such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures, in the streets and avenues, over which such officials have jurisdiction and the Company shall comply with such conditions.

The electrical equipment to be installed by the Company for the operation of the railway within the limits of the City, whether the same be upon streets and avenues or upon private property, shall be constructed and maintained under the supervision and control of the Commissioner of Water Supply, Gas and Electricity.

Eleventh—Said railway may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railways in the Borough of Richmond, or by any other motive power, except locomotive steam power or horse power, which may be approved by the Board, and consented to by the abutting property owners, in accordance with the provisions of law, and by the Public Service Commission for the First District of the State of New York.

Twelfth—The rate of fare for any passenger upon said railway shall not exceed five (5) cents and the Company shall not charge any passenger more than five (5) cents for one continuous ride, from any point on its road or on any road, line or branch operated by it or under its control to any other point thereof, or any connecting branch thereof within the limits of the City.

The Company shall carry free upon the railway hereby authorized during the term of this contract all members of the Police and Fire Departments of the City, when such employees are in full uniform.

Thirteenth—No cars shall be operated upon the railway hereby authorized, other than passenger cars, cars for the transportation of express matter, mail matter and cars necessary for the repair or maintenance of the railway, and no freight cars shall be operated upon the tracks of said railway.

The rate for the carrying of such property over the said railway upon the cars of the Company shall in all cases be reasonable in amount, subject to the control of the Board, and may be fixed by the Board after notice to the Company and a hearing had thereon, and when so fixed such rates shall be binding upon the Company, and no greater sum shall be charged for such services than provided for by it.

Fourteenth—The Company shall attach to each car run over the said railway proper fenders and wheel-guards, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Fifteenth—All cars which are operated on said railway shall be heated during the cold weather, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Sixteenth—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by resolution of the Board.

Seventeenth—Cars on the said railway shall run at intervals of not more than thirty (30) minutes both day and night, and as much oftener as reasonable convenience of the public may require, or as may be directed by the Board.

Provided, however, that the Company shall not be required to operate its cars between the hours of 1 o'clock a. m. and 5 o'clock a. m. each day, unless the Board shall determine after a hearing had thereon that public convenience requires the operation of cars during said hours.

Eighteenth—The Company, so long as it shall continue to use any of the tracks upon the streets and avenues in which said railway shall be constructed, shall, if required by the President of the Borough of Richmond, cause to be watered at least three (3) times every twenty-four (24) hours when the temperature is above thirty-five (35) degrees Fahrenheit, the entire width of the streets and avenues, except when the width of such streets and avenues shall exceed sixty (60) feet between curb lines, in which case the Company shall cause to be watered only sixty (60) feet in width of such roadway, and the Company shall provide for such purpose at least one tank car, the capacity of which shall be sufficient to water such streets and avenues in a satisfactory manner.

Provided, however, that the Company may, with the approval of the City official having jurisdiction over such matters, oil that portion of the surface of the streets and avenues between the tracks, the rails of the tracks and two (2) feet beyond the rails on each side thereof, at least twice each summer season, in such manner as may be necessary to prevent the rising of dust, and if the Company shall so oil such portions of the surface of the streets and avenues, then the Company shall not be required to water such streets and avenues as herein provided.

Nineteenth—The Company shall at all times keep the streets and avenues upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails, on either side thereof, free and clear from ice and snow; provided, however, that the Company shall, at the option of the President of the Borough, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of street surface from house line to house line.

Twentieth—As long as said railway, or any portion thereof, remains in any street or avenue, the Company shall pave and keep in permanent repair that portion of the surface of the street or avenue in which the said railway is constructed between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe. In case of the neglect of the Company to make pavement or repairs after the expiration of thirty (30) days' notice to do so from the President of the Borough of Richmond, said President may make the same at the expense of the Company. And the City shall have the right to change the material or character of the pavement of any street or avenue, and in that event the Company shall be bound to replace such pavement in the manner directed by the proper City official, at its own expense, and the provisions as to repairs herein contained shall apply to such renewed or altered pavement.

The Company shall cause to be paved a strip sixty-four (64) feet in width across the entire roadways of New York and Tompkins avenues at their intersections with Wadsworth avenue, and a strip sixty (60) feet in width across the entire roadway of Richmond avenue at its intersection with Ocean avenue. The precise location of such pavement and the kind and character of the same shall be as determined by the President of the Borough of Richmond, and the work shall be done in the manner directed by said President.

Twenty-first—Any alteration to the sewerage or drainage systems, or to any other subsurface or to any surface structures in the streets, required on account of the construction or operation of the railway, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Twenty-second—It is agreed that the right hereby granted to operate a street surface railway shall not be in preference or in hindrance to public work of the City, and should the said railway in any way interfere with the construction of public works in the streets and avenues, whether the same is done by the City directly or by a contractor for the City, the Company shall, at its own expense protect or move the tracks and appurtenances in the manner directed by the City officials having jurisdiction over such public work.

Twenty-third—Should the grades or lines of the streets and avenues in which the railway is hereby authorized be changed at any time after the railway has been constructed and during the term of this contract, the Company shall, at its own expense, change its tracks and appurtenances to conform with such new grades and lines, and during the construction of any public improvement upon said streets and avenues the Company shall take care of and protect the tracks and appurtenances at its own expense, all to be done subject to the direction of the City official having jurisdiction over the construction of such change.

Twenty-fourth—The Company covenants and agrees to abandon and relinquish and does hereby abandon and relinquish to the City all its rights and franchises to construct, maintain and operate a street surface railway upon the route beginning at the intersection of New York avenue with Wadsworth avenue; thence upon New York avenue to Richmond avenue; thence upon Richmond avenue to Ocean avenue, and the Company shall, within one year from the date on which this contract is signed by the Mayor, comply with the provisions of Section 184 of the Railroad Law in regard to the abandonment of said route so abandoned and relinquished, and shall remove therefrom any and all existing tracks of the Company within such time, and restore the pavement in the manner prescribed by the President of the Borough of Richmond. If the Company shall fail to secure the approval of the Public Service Commission or shall fail for any other reason to comply with the provisions of this subdivision within the time stipulated this contract shall be void and of no effect, and the grant made herein shall thereupon cease and determine. Provided, however, the Board may extend said period for a period or periods not exceeding in the aggregate six months.

Twenty-fifth—Should the City at any time during the term of this contract lay out and acquire a street of sixty-four (64) or more feet in width, between New York avenue and Tompkins avenue, the lines of which shall approximately correspond with the proposed street shown upon the map hereinbefore described, and made a part of this contract, as Wadsworth avenue, then the Company shall, on one year's notice, alter the position of the curbs in said Wadsworth avenue to such position as shall be directed by the municipal authorities having jurisdiction and the Company shall cause to be paved the entire portion of the roadway between the new curb lines of said Wadsworth avenue which is not now paved under the supervision of the municipal authorities having jurisdiction in such matters and such authorities shall designate the kind and character of the pavement to be laid.

Should the City at any time during the term of this contract lay out a new street along all or any portion of the railway hereby authorized, between the northerly line of Richmond avenue and the westerly line of Tompkins avenue, then the Company shall convey or cause to be conveyed the free and clear title to all of that portion or portions of land now claimed to be owned by the Company and shown upon the map hereinbefore described and made a part of this contract, which shall lie within the lines of such new street or any portion of the same as may be laid out by the City, and should the City at any time during the term of this contract lay out the portion of such new street immediately north of Richmond avenue, then the Company shall convey or cause to be conveyed the free and clear title to all of those two triangular pieces or parcels of land, one of which lies immediately south of the property of the Company, as shown upon said map and between the easterly line of Florida avenue and the easterly line of such new street, being shown upon the hereinbefore described map as Parcel A, and the other of which has a frontage on Richmond avenue and lies between the westerly side of Florida avenue and the westerly side of such new street, being shown upon said map as Parcel B.

The conveyances hereinabove required shall be executed within thirty (30) days of the date of the approval by the Mayor of the resolution of the Board of Estimate and Apportionment adopting the map laying out such new street or streets.

The Company hereby agrees that if the City is, or shall become, entitled to acquire, and shall at any time during the term of this contract acquire or otherwise come into the possession of any of the property on which railway tracks shall be constructed on that portion of the route described herein as private property, no compensation shall be awarded for the right to have railway tracks thereon.

When the City shall have acquired or come into possession of any property, as provided above, then the rights hereby granted in the streets and avenues shall be extended to cover such property and all the terms and conditions of this contract shall be applicable thereto.

Twenty-sixth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the Corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for dam-

age to persons or property on account of construction and operation.

18. Total expenses for operation, including salaries.

—and such other information in regard to the business of the Company as may be required by the Board.

Twenty-seventh—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts, the total miles in operation within the limits of the City and the miles of railway constructed and operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-eighth—In case of any violation or breach or failure to comply with any of the provisions herein contained, or with any orders of the Board, acting under the powers herein reserved, the franchise or consent herein granted may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railway constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Twenty-ninth—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time, and upon failure of the Company to remedy such default within a reasonable time, the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250) as fixed or liquidated damages, or the Board, in case such structures or equipment which may affect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board as aforesaid shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Thirtieth—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirty-first—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of one thousand dollars ($1,000), either in money or securities, to be approved by him, which fund shall be security for the performance by the Company of all the terms and conditions of this contract and compliance with all orders of the Board acting under the powers herein reserved, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed, the repairs of the street pavement, the removal of snow and ice, the quality of construction of the railway and the maintenance of the property in good condition throughout the whole term of this contract, and in case of default in the performance by the Company of such terms and conditions or compliance with such orders, or either or any of them, the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten (10) days' notice to the Company; or in case of failure to observe the said terms and conditions of this contract and orders of the Board acting hereunder, relating to the headway, heating and lighting of cars, fenders and wheel guards, the Company shall pay a penalty of fifty dollars ($50) per day for each day of violation, and the further sum of ten dollars ($10) per day for each car that shall not be properly heated, lighted or supplied with fenders or wheel guards, in case of a violation of the provisions relating to those matters, all of which sums may be deducted from said fund.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall, upon ten (10) days' notice, pay to the City a sum sufficient to restore said security fund to the original amount of one thousand dollars ($1,000), and in default thereof this contract shall be cancelled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Thirty-second—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Thirty-third—The words "streets or avenues," and "streets and avenues," wherever used in this contract, shall be deemed to mean "streets, avenues, highways, driveways, concourses, boulevards, bridges, viaducts, public places or any other property to which the City has title or over which the public has an easement," encountered in the route hereinabove described, and upon or in which authority is hereby given the Company to construct a railway.

Thirty-fourth—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other board, authority, officer or officers, then and in such case such other board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Sec. 3. This grant is also upon the further and express condition that the provisions of article 5, and the other provisions of the Railroad Law pertinent hereto shall be strictly complied with by the Company.

Sec. 4. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the laws of the State of New York.

Sec. 5. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms and conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed, and the party of the second part by its officers thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,
By Mayor.
[CORPORATE SEAL.]
Attest:
City Clerk.
RICHMOND LIGHT AND RAILROAD COMPANY,
By President.
[SEAL.]
Attest:
Secretary.

(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provisions as to rates, fares and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions, including the said resolution for the grant of a franchise or right applied for by the Richmond Light and Railroad Company, and the said form of a proposed contract for the grant of such franchise or right containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, June 8, 1911, in the CITY RECORD, and at least twice during the ten (10) days immediately prior to Thursday, June 8, 1911, in "The New York Press" and "The Evening Mail," two daily newspapers designated by the Mayor therefor in a communication presented to this Board at the meeting of April 13, 1911, and published in The City of New York, at the expense of the Richmond Light and Railroad Company, together with the following notice, to wit:

"Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of the franchise or right applied for by the Richmond Light and Railroad Company, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing such contract, will, at a meeting of said Board, to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, June 8, 1911, at 10.30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard."

JOSEPH HAAG, Secretary.
Dated New York, April 27, 1911. m15,j8

PUBLIC NOTICE IS HEREBY GIVEN THAT at a meeting of the Board of Estimate and Apportionment, held May 11, 1911, the following petition was received:

To the Board of Estimate and Apportionment:

The petition of New York, Westchester and Boston Railway Company respectfully shows as follows:

That your petitioner is a railroad corporation of the State of New York and is engaged in constructing its railroad in The City of New York in accordance with a certain ordinance adopted by the Board of Aldermen on the 26th day of July, 1904, and approved by the Mayor on August 2, 1904, granting to your petitioner the right to cross streets, avenues and public places as therein specified, which ordinance was subsequently amended by a contract between the New York, Westchester and Boston Railway Company and The City of New York, dated January 29, 1909.

That in and by the said contract dated January 29, 1909, the entire route of your petitioner, as therein amended, was set forth in full.

That on the 10th day of December, 1910, the Board of Directors of your petitioner, for the purpose of improving the line of the railroad, by affirmative vote of two-thirds, at a meeting duly called and held in the manner provided by law, adopted a change of route of a portion of its main line and of its branch line in The City of New York so that the same should be in accordance with a certain map thereupon adopted by the said Board of Directors, entitled "Map and Profile of New York, Westchester and Boston Railway for New York County, New York, Part of Sections 1, 2 and 3, December 10, 1910, being Map and Profile of that part of the route of the main line of said Railway Company within said county; extending from a point between Ludlow avenue and Westchester avenue, east of Whitlock avenue, in the Borough of The Bronx, City of New York, to a point in White Plains road near its intersection with Sagamore street, in said Borough and City; and Map and Profile of that part of the route of the branch line of said Railway Company within said county, extending from a point in 177th street, between Van Nest avenue and Berrian street in said Borough and City, to a point in Bronx Park avenue between Chanute avenue and Craighill avenue in said Borough and City. All as altered, changed, amended and adopted by affirmative vote of two-thirds of all the directors of the said Company on the 10th day of December, 1910. E. J. Langford, Chief Engineer, New York, Westchester and Boston Railway Company."

That subsequently thereto your petitioner applied to the Public Service Commission for the First District for leave to exercise its right to change its route within the said County in accordance with the map so adopted and that the said Public Service Commission for the First District, by an order dated April 25, 1911, approved and authorized the exercise of the right by your petitioner to make such alteration and change and to adopt such amended route.

That on May 1, 1911, your petitioner duly filed in the office of the County Clerk of New York County the said map and profile, together with a certified copy of the order of the Public Service Commission for the First District approving the said alteration and change. A copy of the said map is submitted herewith marked Exhibit A.

That your petitioner, by the contract dated January 29, 1909, was permitted to make a connection with the Interborough Rapid Transit route at or near West Farms road. That your petitioner, in order to improve such route, desires to change the same as hereinafter set forth.

That it is the purpose and intention of your petitioner to construct north of Lebanon street and across Lebanon street and 180th street, Adams street and Berrian street, a central station for the accommodation of its trains and the trains running over the connection with the Interborough, and also allowing room enough for the introduction of the Broadway-Lexington avenue road in case it should be extended up to this point, together with the trains of your petitioner's Throgg's Neck Branch.

That the proposed plan will require the crossing of the streets named at a width in excess of 60 feet, which is the limitation imposed by the franchise in regard to the crossing of streets.

That submitted herewith is a map marked Exhibit B, showing that portion of the amended route shown in Plan A between 177th street and Unionport road, and showing the proposed width of your petitioner's road across the streets between the said two points, and also showing a proposed amendment to the connection between your petitioner's railroad and the terminus of the Interborough Rapid Transit Company near 180th street.

Wherefore, your petitioner prays that your Honorable Board will amend the said ordinance granting a franchise to your petitioner adopted by the Board of Aldermen on July 26, 1904, approved by the Mayor August 2, 1904, as amended by the contract between your petitioner and The City of New York, dated January 29, 1909, in the following respects:

(1) The description of the route of your petitioner's railroad with reference to that part thereof extending from 174th street to Adams street, shall be as follows:

* * * thence crossing 174th street and Van Nest avenue, between Devoe avenue and the Harlem River and Port Chester Railroad; thence running northeasterly and crossing an unnamed street between Devoe avenue and Van Nest avenue; thence crossing 177th street at its junction with Berrian street (or Bronx Park avenue); and thence crossing Wyatt street, 178th street, Walker avenue (or West Farms road), Lebanon street, 180th street, and Adams street, between Morris Park avenue and Berrian street (or Bronx Park avenue);

—and the description of the beginning of the branch line shall be as follows:

Beginning at a point on the main line near its intersection with Tremont avenue (East 177th street); thence running southerly, crossing an unnamed street between Devoe avenue and Van Nest avenue;

—all be as shown on the map, entitled "Map and Profile of New York, Westchester and Boston Railway for New York County, New York, Part of Sections 1, 2 and 3," dated December 10, 1910, adopted by the Board of Directors of said Company on the 10th day of December, 1910, which map and profile were filed in the office of the County Clerk of the County of New York on the 1st day of May, 1911.

(2) That the connection with the present subway elevated route permitted by your Board in the said contract dated January 29, 1909, be amended so that the same shall read as follows:

In Connection with the Present Subway Elevated Route (Interborough Rapid Transit Company).

Beginning at a point on the main line of the New York, Westchester and Boston Railway Company at or near Adams street; thence running southwesterly crossing 180th street, between Morris Park avenue and Berrian street (or Bronx Park avenue); thence crossing Berrian street and Lebanon street at or near their intersection; thence crossing 179th street and Devoe avenue at or near their intersection; thence crossing Bronx street between Clover street and Walker avenue; and thence to a connection with the Interborough Rapid Transit Railroad on Boston road, between Clover street and Walker avenue.

(3) That subdivision Ninth of Section 2 of the ordinance adopted July 26, 1904, be amended so that the same shall read as follows:

"Ninth—Any superstructure of the railway crossing a street and having a length of 75 feet or less, shall be constructed in a single span. If more than 75 feet in length, any intermediate columns to support the superstructure may be placed in the street in such a manner as may be approved. The width of such superstructure of the railway shall not exceed 60 feet when measured over all, except that the width of such superstructures at the following streets may be as herein designated:

(1) Unnamed street (between 174th and 177th streets)	70 ft.
(2) 177th street	70 "
(3) Lebanon street, between Berrian street and Morris Park avenue	100 "
(4) 180th street	281 "
(5) Adams street	277 "
(6) Berrian street, between Bronx Park and Morris Park avenue	250 "
(7) Berrian street, between 180th street and Lebanon street	215 "
(8) Lebanon street, between Berrian street and Devoe avenue	195 "
(9) Unionport road	140 "

And further provided that at 180th street, Adams street and Berrian street, platforms and a station may be constructed across the said streets within the width of the superstructure above designated."

NEW YORK, WESTCHESTER AND BOSTON RAILWAY COMPANY.
By L. S. MILLER, President.

State of New York, County of New York, ss.:

Leverett S. Miller, being duly sworn, deposes and says, that he is President of New York, Westchester and Boston Railway Company, the petitioner named in the foregoing petition; that he has read said petition and knows the contents thereof, and that the same is true to his knowledge, except as to the matters therein stated to be alleged upon information and belief, and that as to those matters he believes it to be true.

LEVERETT S. MILLER.

Sworn to before me, this 2d day of May, 1911.
JAMES J. DWYER, Notary Public, Kings County, Certificate filed in New York County. Registrar's No. 2175.
[NOTARIAL SEAL]

—and the following resolutions were thereupon adopted:

Whereas, The foregoing petition from the New York, Westchester and Boston Railway Company, verified May 2, 1911, was presented to the Board of Estimate and Apportionment at a meeting held May 11, 1911.

Resolved, That in pursuance of law this Board sets Thursday, the 25th day of May, 1911, at 10.30 o'clock in the forenoon, and Room 16, in the City Hall, Borough of Manhattan, as the time and place when and where such petition shall be first considered, and a public hearing be had thereon, at which citizens shall be entitled to appear and be heard; and be it further

Resolved, That the Secretary is directed to cause such petition and these resolutions to be published for at least two (2) days in two daily newspapers in The City of New York, to be designated by the Mayor, and for at least ten (10) days in the CITY RECORD immediately prior to such date of public hearing. The expense of such publication to be borne by the petitioner.

JOSEPH HAAG, Secretary.
New York, May 11, 1911. m13,25

Public Improvement Matters.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grades of the service street adjoining the Riverside drive, between West 158th street and West 160th street, and of West 158th street between Riverside drive and Broadway, Borough of Manhattan, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 1, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on May 4, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the grades of the service street adjoining Riverside drive, between West 158th street and West 160th street, and of West 158th street between Riverside drive and Broadway, in the Borough of Manhattan, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated March 3, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grades of Eldert lane, between McKinley avenue and Atlantic avenue, and of Glen street between Eldert lane and Forbell avenue, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 1, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on May 4, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the grades of Eldert lane between McKinley avenue and Atlantic avenue, and of Glen street between Eldert lane and Forbell avenue, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated March 15, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the territory bounded by Gravesend avenue, 47th street, 18th avenue, West street, Ditmas avenue, Coney Island avenue, Avenue H, Ocean parkway and Avenue I, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 1, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on May 4, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the lines and grades of the territory bounded by Gravesend avenue, 47th street, 18th avenue, West street, Ditmas avenue, Coney Island avenue, Avenue H, Ocean parkway and Avenue I, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated December 13, 1910.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. **m18,29**

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out New Lots avenue, from Dumont avenue to Fountain avenue, and change the grades of the territory bounded by Fountain avenue, Hegeman avenue, Berriman street and Sutter avenue, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 1, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on May 4, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by laying out New Lots avenue from Dumont avenue to Fountain avenue, and changing the grades of the territory bounded by Fountain avenue, Hegeman avenue, Berriman street and Sutter avenue, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated April 11, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grade of Davidson avenue, between Burnside avenue and East 180th street, Borough of The Bronx, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 1, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on May 4, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grade of Davidson avenue, between Burnside avenue and East 180th street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated September 26, 1910.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the street lines within the territory bounded by Pierce avenue, Boulevard, Broadway and Hopkins avenue, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 1, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on May 4, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the street lines within the territory bounded by Pierce avenue, Boulevard, Broadway and Hopkins avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Acting President of the Borough, and dated April 10, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of laying out a street system for the territory bounded approximately by the bulkhead line of the East River, Westchester Creek, Lacombe avenue, Zerega avenue, Coppee street, Westchester Creek, East 177th street, Eastern Boulevard, and Fort Schuyler road, and its prolongation, in the Twenty-fourth Ward, Borough of The Bronx, as shown upon a tentative map bearing the signature of the President of the Borough, and dated March 14, 1911; be it

Resolved, That this Board will give an informal hearing in the matter at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 1st day of June, 1911, at 10.30 o'clock in the forenoon.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board on September 25, 1908, for acquiring title to Newton street, from Leonard street to Graham avenue, Borough of Brooklyn, so as to relate to Newton street, from Leonard street to Graham avenue as shown upon a map or plan adopted by the Board of Estimate and Apportionment February 23, 1911, and approved by the Mayor March 6, 1911.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proposed amended proceeding:

Bounded on the north by a line bisecting the angle formed by the intersection of the centre lines of Engert avenue and Newton street as these streets are laid cut easterly from Graham avenue; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Graham avenue, the said distance being measured at right angles to the line of Graham avenue; on the south by a line always midway between Newton street and Bayard street and the prolongation of the said line; and on the west by a line distant 100 feet westerly from and parallel with the westerly line of Leonard street, the said distance being measured at right angles to the line of Leonard street.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resclutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Avenue Z, from East 13th street to Ocean Parkway, in the Borough of Brooklyn, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Bounded on the north by a line always midway between Avenue Y and Avenue Z; on the east by a line always midway between East 13th street and East 14th street; on the south by a line always midway between Avenue Z and Voorhies avenue, and by the prolongation of the said line; and on the west by a line always distant 100 feet westerly from and parallel with the westerly line of Ocean parkway, the said distance being measured at right angles to Ocean parkway.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Sackett avenue, from Bear Swamp road (Bronxdale avenue) to Colden avenue, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Bounded on the north by a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Sackett avenue and Pierce avenue as these streets are laid out between Bogart avenue and Radcliff avenue; on the east by a line midway between Paulding avenue and Colden avenue, and by the prolongation of the said line; on the south by the northerly right-of-way line of the New York, New Haven and Hartford Railroad; and on the west by a line distant 100 feet westerly from and parallel with the westerly line of Bear Swamp road, the said distance being measured at right angles to Bear Swamp road.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Borden avenue, from Greenpoint avenue to Laurel Hill boulevard; and of Gould avenue, from Greenpoint avenue to Madden street, and from Locust street to Addison place, in the Borough of Queens, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on a line midway between Gould avenue and Anable avenue, distant 100 feet northwesterly from the northwesterly line of Greenpoint avenue, the said distance being measured at right angles to Greenpoint avenue, and running thence eastwardly along the said line midway between Gould avenue and Anable avenue and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Addison place, the said distance being measured at right angles to Addison place; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Addison place to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the southerly line of Gould avenue and the northerly line of Laurel Hill boulevard; thence westwardly along the said bisecting line to the intersection with a line midway between Locust street and Packard street; thence southwardly along the said line midway between Locust street and Packard street to the intersection with the northerly line of Borden avenue; thence southwardly along a line parallel with Montgomery avenue to the intersection with a line midway between Townsend avenue and Jones avenue; thence westwardly along the said line midway between Townsend avenue and Jones avenue to the intersection with the easterly line of Laurel Hill boulevard; thence westwardly in a straight line to a point on the northwesterly line of Greenpoint avenue midway between Bradley avenue and Gale street; thence northwestwardly at right angles to Greenpoint avenue a distance of 100 feet; thence northeastwardly and parallel with Greenpoint avenue to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York on June 5, 1908, initiated proceedings for acquiring title to Cambridge avenue, from West 235th street to West 236th street; West 235th street, from Riverdale avenue to Spuyten Duyvil parkway; and West 236th street, from Riverdale avenue to Cambridge avenue, Borough of The Bronx, which proceeding was amended November 19, 1909, so as to relate to the foregoing streets as shown upon a territorial map adopted by said Board July 2, 1909; and

Whereas, The Board is considering the advisability of further amending the said proceeding so as to relate also to the lines of West 235th street as shown on a map or plan adopted by the said Board April 6, 1911, and approved by the Mayor April 13, 1911; be it

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proposed amended proceeding:

Beginning at a point on the easterly line of Riverdale avenue where it is intersected by the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of West 236th street as this street is laid out where it adjoins Riverdale avenue on the west, the said distance being measured at right angles to West 236th street, and running thence eastwardly at right angles to Fieldston road to a point distant 100 feet easterly from its easterly line; thence southwardly and always distant 100 feet easterly from and parallel with the easterly lines of Fieldston road and Riverdale avenue to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of West 236th street as this street is laid out between Riverdale avenue and Greystone avenue, the said distance being measured at right angles to West 236th street; thence westwardly along the said line parallel with West 236th street and along the prolongation of the said line to the intersection with the westerly line of Riverdale avenue; thence southwardly along the westerly line of Riverdale avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of West 234th street and West 235th street as these streets are laid out between Cambridge avenue and Riverdale avenue; thence westwardly along the said bisecting line to the intersection with a line midway between Oxford avenue and Cambridge avenue; thence southwardly along the said line midway between Oxford avenue and Cambridge avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of West 232d street and West 235th street as these streets are laid out between Arlington avenue and Netherland avenue; thence westwardly along the said bisecting line to the intersection with the northwesterly line of Spuyten Duyvil parkway; thence northwestwardly at right angles to Spuyten Duyvil parkway a distance of 100 feet; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Spuyten Duyvil parkway to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of West 235th street and West 236th street as these streets are laid out between Johnson avenue and Oxford avenue; thence eastwardly along the said bisecting line to the intersection with a line midway between Oxford avenue and Cambridge avenue; thence northwardly along the said line midway between Oxford avenue and Cambridge avenue and along the prolongation of the said line to the intersection with a line parallel with West 236th street as this street is laid out where it adjoins Riverdale avenue on the west, and passing through the point of beginning; thence northeastwardly along the said line parallel with West 236th street to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Fisk avenue, from Woodside avenue to Grand street, in the Borough of Queens, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the prolongation of a line midway between Burrough avenue and Columbia avenue as these streets are laid out between Fulton street and Whitney street, distant 100 feet southerly from the southerly line of Whitney street, and running thence northwardly along the said line midway between Burrough avenue and Columbia avenue and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Lee avenue as this street is laid out between Queens boulevard and Grout avenue, the said distance being measured at right angles to Lee avenue; thence northwardly along the said line parallel with Lee avenue and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Woodside avenue as this street is laid out where it adjoins Fisk avenue on the west, the said distance being measured at right angles to Woodside avenue; thence eastwardly along the said line parallel with Woodside avenue and along the prolongation of the said line to the intersection with the prolongation of the easterly line of Fisk avenue; thence eastwardly along a line always distant 100 feet northerly from and parallel with the northerly line of Woodside avenue and along its prolongation in a tangent as laid out easterly from Fisk avenue to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Ramsey street as this street is laid out between Adams street and Monroe street, the said distance being measured at right angles to Ramsey street; thence southwardly along the said line parallel with Ramsey street and along the prolongations of the said line to the intersection with the northerly line of Calamus avenue; thence southwardly in a straight line to a point on the southerly line of Calamus avenue distant 100 feet easterly from the easterly line of Ramsey street, the said distance being measured at right angles to Ramsey street; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Ramsey street to a point distant 100 feet southeasterly from the southeasterly line of Grand street, the said distance being measured at right angles to Grand street; thence southwestwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Grand street to the intersection with a line at right angles to Grand street and passing through a point on its northwesterly side where it is intersected by the prolongation of a line midway between Columbia avenue and Carroll place, as laid out north of Jay avenue; thence northwestwardly along the said line at right angles to Grand street to the intersection with its northwesterly side; thence northwardly along the said line midway between Columbia avenue and Carroll place, and along the prolongation of the said line to the intersection with a line parallel with Whitney street and passing through the point of beginning; thence westwardly along the said line parallel with Whitney street to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Amboy road, from Fosters road to Huguenot avenue, in the Borough of Richmond, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the northerly line of Amboy road, distant 1,000 feet westerly from its intersection with the easterly line of Fosters road, the said distance being measured along a straight line, and running thence northwardly at right angles to Amboy road, a distance of 1,000 feet; thence eastwardly in a straight line to a point on a radial line passing through the first point of compound curvature in the northerly line of Amboy road about 100 feet east of Fosters road, distant 1,000 feet northerly from the northerly line of Amboy road; thence eastwardly and always distant 1,000 feet northerly from and parallel with the northerly line of Amboy road to the intersection with a radial line passing through the first point of tangency in the northerly line of Amboy road west of Huguenot avenue; thence eastwardly in a straight line to a point on a line at right angles to Amboy road and passing through a point on its northerly side distant 1,000 feet easterly from the easterly line of Huguenot avenue, the said distance being measured along the line of Amboy road and the said point being distant 1,000 feet northerly from its northerly line; thence southwardly along the said line at right angles to Amboy road to a point distant 1,000 feet southerly from its southerly line; thence westwardly in a straight line to a point on a radial line passing through a point on the southerly line of Amboy road where it is intersected by the westerly line of Huguenot avenue, distant 1,000 feet southerly from the southerly line of Amboy road; thence westwardly and always distant 1,000 feet southerly from and parallel with the southerly line of Amboy road to the intersection with a radial line passing through the first point of compound curvature in the southerly line of Amboy road north of Fosters road; thence westwardly in a straight line to a point on a line at right angles to the line of Amboy road and passing through the point of beginning, the said point being distant 1,000 feet southerly from the southerly line of Amboy road; thence northwardly along the said line at right angles to Amboy road to the point or place of beginning. [The lines of streets herein referred to which are not incorporated upon the City map are intended to be those in use and as commonly recognized.]

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board on November 19, 1909, for acquiring title to Fosdick avenue, from Otto street to Luther place; Luther place, from Fosdick avenue to Lafayette street; Lafayette street, from Otto street to Indiana place; and Tompkins place, from Edsall avenue to Indiana place, Borough of Queens, so as to relate to the foregoing streets as shown upon Section 34 of the Final Maps of said Borough, adopted by the Board of Estimate and Apportionment February 9, 1911, and approved by the Mayor February 16, 1911.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proposed amended proceeding:

Beginning at a point on the prolongation of a line midway between Folsom avenue and Fosdick avenue distant 100 feet southerly from the prolongation of the southerly line of Luther place, the said distance being measured at right angles to Luther place, and running thence northwardly along the said line midway between Folsom avenue and Fosdick avenue, and along the prolongations of the said line to a point distant 100 feet northerly from the northerly line of Otto street, the said distance being measured at right angles to Otto street; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Otto street, and the prolongation thereof, to the intersection with the prolongation of a line midway between Tompkins place and Olmstead place; thence southwardly along the said line midway between Tompkins place and Olmstead place, and along the prolongations of the said line, to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Indiana place, the said distance being measured at right angles to Indiana place; thence westwardly along the said line parallel with Indiana place, and along the prolongations of the said line, to the intersection with the prolongation of a line distant 100 feet westerl from and paralle' with the westerly line of Lafayette street, the said distance being measured at right angles to Lafayette street; thence northwardly along the said line parallel with Lafayette street, and along the prolongation of the said line, to the intersection with a line parallel with Luther place and passing through the point of beginning; thence westwardly along the said line parallel with Luther place to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board May 8, 1908, for acquiring title to Guerlain street, between Beach avenue and Unionport road; Archer street, between Beach avenue and White Plains road; Merrill street, between Rosedale avenue and Beach avenue; Beacon avenue, between Rosedale avenue and Beach avenue; Wood avenue, between Beach avenue and Storrow street; Gray street, between Wood avenue and Tremont avenue; and Storrow street, between Wood avenue and the public place at the junction of Tremont avenue with Westchester avenue, Borough of The Bronx, so as to relate to the aforesaid streets as shown on the Final Map of Section 40 of said Borough, adopted by the Board of Estimate and Apportionment March 9, 1911, and approved by the Mayor March 15, 1911.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proposed amended proceeding:

Beginning at a point on the prolongation of a line midway between Mansion street and Merrill street, distant 100 feet westerly from the westerly line of Rosedale avenue, and running thence eastwardly along the said line midway between Mansion street and Merrill street and the prolongation thereof to a point distant 100 feet westerly from the westerly line of Beach avenue, the said distance being measured at right angles to the line of Beach avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Beach avenue to the intersection with the prolongation of a line midway between West Farms road and Guerlain street as laid out between Taylor avenue and White Plains road; thence eastwardly along the said line midway between West Farms road and Guerlain street and the prolongation thereof to the intersection with a line which bisects the angle formed by the prolongations of the southerly line of West Farms road and the northerly line of Guerlain street as laid out easterly from White Plains road; thence eastwardly along the said bisecting line to a point distant 100 feet northeasterly from the northeasterly line of Unionport road, the said distance being measured at right angles to the line of Unionport road; thence southeastwardly and always distant 100 feet northeasterly from and parallel with the northeasterly line of Unionport road to the intersection with a line which bisects the angle formed by the prolongations of the centre lines of Guerlain street and Archer street; thence westwardly along the said bisecting line to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of White Plains road, the said distance being measured at right angles to the line of White Plains road; thence southwardly along the said line parallel with White Plains road to the intersection with a line which bisects the angle formed by the prolongations of the centre line of Archer street and the centre line of Wood avenue as laid out easterly from the angle point easterly from White Plains road; thence eastwardly along the said bisecting line to the intersection with a line which bisects the angle formed by the intersection of the prolongations of the centre lines of Storrow street and Pugsley avenue; thence southwardly along the said bisecting line to the intersection with the centre line of Westchester avenue; thence westwardly along the centre line of Westchester avenue to the intersection with the prolongation of a line midway between White Plains road and Gray street; thence northwardly along the said line midway between White Plains road and Gray street and the prolongation thereof to the intersection with the prolongation of a line midway between Wood avenue and McGraw avenue as laid out between White Plains road and Beach avenue; thence westwardly along the said line midway between Wood avenue and McGraw avenue and the prolongation thereof to a point distant 100 feet easterly from the easterly line of Beach avenue, the said distance being measured at right angles to the line of Beach avenue; thence southwardly and always 100 feet distant from and parallel with Beach avenue to the intersection with a line which bisects the angle formed by the prolongations of the centre lines of Beacon avenue and Randolph avenue as laid out between Beach avenue and Rosedale avenue; thence westwardly along the said bisecting line to a point distant 100 feet westerly from the westerly line of Rosedale avenue, the said distance being measured at right angles to the line of Rosedale avenue; thence northwardly and always distant 100 feet westerly and parallel with the westerly line of Rosedale avenue to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadwa Room 1406. Telephone, 2280 Worth. m18,29

NOTICE IS HEREBY GIVEN THAT AT the meeting of the Board of Estimate and Apportionment held on May 4, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Amboy road from Great Kills road to Ocean View Cemetery, in the Borough of Richmond, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the northerly line of Amboy road distant 1,000 feet westerly from its westerly terminus at Great Kills road, the said distance being measured along a straight line, and running thence northwardly along a line normal to the northerly line of Amboy road a distance of 1,000 feet; thence eastwardly in a straight line to a point on a radial line passing through the said westerly terminus hereinbefore described where it is intersected by the prolongation of a line distant 1,000 feet northwesterly from and parallel with the first tangent in the northwesterly line of Amboy road northeast of Great Kills road, the said distance being measured at right angles to Amboy road; thence northeastwardly in a series of straight lines, each of which is distant 1,000 feet northwesterly from and parallel with the successive tangents in the northwesterly line of Amboy road or their prolongations, the said distances being measured at right angles respectively to the tangents of reference, to the intersection with a line at right angles to Amboy road and passing through a point on its northwesterly side at its easterly terminus near the property line of the Ocean View Cemetery; thence northeastwardly in a straight line to a point on a line normal to the northwesterly line of Amboy road and passing through a point on its northwesterly side distant 1,000 feet northeasterly from its easterly terminus hereinbefore described, the said distance being measured along the line of Amboy road, and the said point being distant 1,000 feet northwesterly from the northwesterly line of Amboy road; thence southeastwardly along the said line normal to the line of Amboy road and along the prolongation of the said line to a point distant 1,000 feet southeasterly from its intersection with the southeasterly line of Amboy road; thence southwardly in a straight line to a point on a line at right angles to Amboy road and passing through a point on its northwesterly side at its easterly terminus hereinbefore described, the said point being distant 1,000 feet southeasterly from the southeasterly line of Amboy road; thence southwestwardly along a series of straight lines, each of which is distant 1,000 feet southeasterly from and parallel with the successive tangents in the southeasterly line of Amboy road or their prolongations, the said distances being measured respectively at right angles to the tangents of reference to the intersection with a radial line passing through the point of reverse curvature in the southeasterly line of Amboy road near Great Kills road; thence southwestwardly in a straight line to a point on a line normal to the northerly line of Amboy road and passing through the point of beginning, the said point being distant 1,000 feet southeasterly from the southeasterly line of Amboy road; thence northwardly along the said line normal to the line of Amboy road to the point or place of beginning. [The lines of streets herein referred to which have not been incorporated upon the City plan are intended to be those in use and as commonly recognized.]

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 1st day of June, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 1st day of June, 1911.

Dated May 18, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m18,29

Removal of Encroachments on THIRTY-SECOND STREET, between SIXTH and SEVENTH AVENUES, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 11, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing, or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, or any other projection or encroachment of whatsoever nature or description on 32d street in the Borough of Manhattan, between the westerly line of 6th avenue and the easterly line of 7th avenue, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb, to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That this resolution shall not be deemed to alter in any way, amend, or affect a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized and directed to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolutions; except those encroachments or encumbrances which do not extend outward from the building line for distances greater than those given in the above-mentioned notice of the Superintendent of Buildings.

Dated May 13, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m13,18

Removal of Encroachments on PARK ROW, between ANN STREET and SPRUCE STREET, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 11, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department division, bureau or officer thereof, permitting, licensing, or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm door or any other projection or encroachment of whatsoever nature or description, either temporary or permanent, on the easterly side of Park row, in the Borough of Manhattan, between the northerly line of Ann street and the southerly line of Spruce street, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper sub-surface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized and directed to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolutions; except those encroachments or encumbrances which do not extend outward from the building line for distances greater than those given in the above-mentioned notice of the Superintendent of Buildings.

Dated May 13, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m13,18

Removal of Encroachments on ANN STREET Between PARK ROW and WILLIAM STREET, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm door, or any other projection or encroachment of whatsoever nature or description, on Ann street, in the Borough of Manhattan, between the easterly side of Park row to the westerly side of William street, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized and directed to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolutions; except those encroachments or encumbrances which do not extend outward from the building line for distances greater than those given in the above mentioned notice of the Superintendent of Buildings.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m8,18

Removal of Encroachments on FULTON STREET, Between BROADWAY and WILLIAM STREET, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing, or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm door, or any other projection or encroachment of whatsoever nature or description, either temporary or permanent, on Fulton street, from the easterly side of Broadway to the westerly side of William street, in the Borough of Manhattan, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized and directed to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolutions; except those encroachments or encumbrances which do not extend outward from the building line for distances greater than those given in the above mentioned notice of the Superintendent of Buildings.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m8,18

Removal of Encroachments on, and Changing the Roadway and Sidewalk Widths of LAFAYETTE STREET, Between GREAT JONES STREET and ASTOR PLACE, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm doors, or any other projection or encroachment of whatsoever kind or description, on Lafayette street, between the northerly line of Great Jones street and the southerly line of Astor place, between levels ten (10) feet above the curb grade and a sufficient depth below said grade to provide proper support for the street and walk surfaces, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the widths of the roadway and sidewalks on Lafayette street, Borough of Manhattan, between Great Jones street and Astor place be, and they are hereby established as follows:

The width of said roadway shall be fifty-five feet;

The width of said sidewalks shall be twenty-two and one-half feet;

—and be it further

Resolved, That this resolution shall not be deemed to in any way alter, amend or affect a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby directed to construct said roadway to the said width of fifty-five feet, and the said sidewalks to the said width of twenty-two and one-half feet from the

curb line, in accordance with the foregoing resolutions, except where there are existing encroachments or encumbrances which do not extend outward from the building line for distances greater than those given by the above-mentioned notice of the Superintendent of Buildings, then said sidewalks to be constructed up to said encroachments or encumbrances; and where encroachments or encumbrances extend for greater distances than those specified from the building or house line, then the said Borough President is hereby authorized and directed to remove or cause to be removed all that portion or portions of said encroachments or encumbrances less than ten feet above the curb grade back to the distances specified; and he is further hereby authorized and directed to remove or cause to be removed all portions of vaults which may be found to exist below the elevation of the curb and extending beyond the new curb line, as above established, which are not altered by the occupants of said vaults, or the owners of the adjoining property, so as to make possible the physical change in roadway and sidewalk widths in conformity with the requirements of this resolution, and to the satisfaction of the Borough President.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m8,18

Removal of Encroachments on the East Side of SEVENTH AVENUE from FORTY-FIFTH to FORTY-SEVENTH STREETS, and West Side Between FORTY-SECOND and FORTY-FIFTH STREETS, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, or any other projection or encroachment of whatsoever nature or description, on the east side of 7th avenue from the northerly side of 45th street to the southerly side of 47th street, and the west side of 7th avenue from the northerly side of 42d street to the southerly side of 45th street, in the Borough of Manhattan, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized and directed to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolutions; except those encroachments or encumbrances which do not extend outward from the building line for distances greater than those given in the above-mentioned notice of the Superintendent of Buildings.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m8,18

Removal of Encroachments on the East Side of BROADWAY Between FORTY-SECOND and FORTY-FIFTH STREETS, and West Side Between FORTY-FIFTH and FORTY-SEVENTH STREETS, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance or any other projection or encroachment of whatsoever nature or description on the east side of Broadway, in the Borough of Manhattan, between the northerly side of 42d street and the southerly side of 45th street, and the west side of Broadway between the northerly side of 45th street and the southerly side of 47th street, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized and directed to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolutions; except those encroachments or encumbrances which do not extend outward from the building line for distances greater than those given in the above mentioned notice of the Superintendent of Buildings.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m8,18

Removal of Encroachments on FOURTEENTH STREET, Between THIRD and SIXTH AVENUES, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m., to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, of, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, or any other projection or encroachment of whatsoever nature or description on 14th street, in the Borough of Manhattan, between the westerly side of 3d avenue and the easterly side of 6th avenue, except as hereinafter specified, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the width of the roadway and sidewalks on 14th street, Borough of Manhattan, between 3d avenue and 6th avenue, be and they hereby are established as follows:

The width of the said roadway shall be fifty-three (53) feet;

The width of the sidewalks shall be twenty-three and one-half (23½) feet;

—and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough, under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be, and he is hereby directed to construct said roadway to the said width of fifty-three feet, and the said sidewalks to the said width of twenty-three and one-half feet from the curb line, except as otherwise above described, in accordance with the foregoing resolutions; except that where there are existing encroachments or encumbrances which do not extend outward from the building line for distances greater than those given by the above mentioned notice of the Superintendent of Buildings, then said sidewalks to be constructed up to said encroachments or encumbrances; and where encroachments or encumbrances extend for greater distances than those specified from the building or house line, then the said Borough President is hereby authorized and directed to remove or cause to be removed all that portion or portions of said encroachments or encumbrances less than ten (10) feet above the curb grade back to the distances specified; and he is further hereby authorized and directed to remove or cause to be removed all portions of vaults which may be found to exist below the elevation of the curb and extending beyond the new curb line, as above established, which are not altered by the occupants of said vaults or the owners of the adjoining property, so as to make possible the physical change in roadway and sidewalk widths in conformity with the requirements of this resolution, and to the satisfaction of the Borough President.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. m8,18

Removal of Encroachments on, and Changing the Roadway and Sidewalk Widths of BROADWAY between TWENTY-FOURTH and THIRTY-THIRD STREETS, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing in the old Council Chamber, City Hall, Borough of Manhattan, City of New York, on

MAY 18, 1911,

at 10.30 o'clock a. m. to all persons affected by the following resolutions submitted to the Board on May 4, 1911, by the President of the Borough of Manhattan, viz.:

Resolved, That all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by The City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance or any other projection or encroachment of whatsoever kind or description on Broadway between the northerly line of 24th street and the southerly line of 33d street, in the Borough of Manhattan, between levels ten (10) feet above the curb grade and a sufficient depth below said grade to provide proper support for the street and walk surfaces, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the widths of the roadway and sidewalks on Broadway, Borough of Manhattan, between the northerly side of 24th street and the southerly side of 33d street, be, and they are hereby established as follows:

The width of said roadway shall be forty-three feet;

The width of said sidewalks shall be sixteen feet;

—and be it further

Resolved, That this resolution shall not be deemed to alter, amend or affect in any way a certain order issued by the Superintendent of Buildings for the Borough of Manhattan, and approved by the President of the Borough under date of January 3, 1911, providing for certain ornamental projections as therein specified; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby directed to construct said roadway to the said width of forty-three feet, and the said sidewalks to the said width of sixteen feet from the curb line, in accordance with the foregoing resolutions, except where there are existing encroachments or encumbrances which do not extend outward from the building line for distances greater than those given by the above mentioned notice of the Superintendent of Buildings, then said sidewalks to be constructed up to said encroachments or encumbrances; and where encroachments or encumbrances extend for greater distances than those specified from the building or house line, then the said Borough President is hereby authorized and directed to remove or cause to be removed all that portion or portions of said encroachments or encumbrances less than ten feet above the curb grade back to the distances specified; and he is further hereby authorized and directed to remove or cause to be removed all portions of vaults which may be found to exist below the elevation of the curb and extending beyond the new curb line, as above established, which are not altered by the occupants of said vaults, or the owners of the adjoining property, so as to make possible the physical change in roadway and sidewalk widths in conformity with the requirements of this resolution, and to the satisfaction of the Borough President.

Dated May 8, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth.

BOROUGH OF BROOKLYN.

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the FLATBUSH DISTRICT, at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

WEDNESDAY, MAY 31, 1911,

at 3 p. m.

No. 1. Approval of Minutes of meeting held April 7, 1911.

No. 2. AVENUE M—To construct a sewer in Avenue M, from Ocean ave. to E. 21st st., and sewer basins on Avenue M, at the northeast corner of E. 21st st., northeast corner of E. 22d st., northeast corner of E. 23d st., northeast corner of E. 24th st., northeast and southwest corners of E. 25th st., northeast and southwest corners of E. 26th st., northeast and southwest corners of E. 27th st., northeast and southwest corners of E. 28th st., at the northeast and southwest corners of E. 29th st., the northeast and southwest corners of Nostrand ave., northeast and southwest corners of E. 31st st., at the northeast corner of E. 32d st., and at the northeast, southeast and northwest corners of E. 36th st.

No. 2a. AVENUE M—To set or reset curb where necessary and to pave with asphalt Avenue M, from Ocean ave. to the easterly line of E. 27th st.

No. 3. 38TH STREET—To construct sewers in 38th st., from 14th ave. to West st.; 41st st., from 14th ave. to 15th ave.; 41st st., from 16th ave. to West st.; 15th ave., from 41st st. to 38th st.; West st., from 42d st. to Cortelyou road, and in Cortelyou road, from West st. to Gravesend ave.

No. 4. 40TH STREET—To construct a sewer in 40th st., from 16th ave. to West st.

No. 5. EAST 7TH STREET—To amend resolution of December 4, 1907, initiating proceedings to open E. 7th st., from Church ave. to Avenue C, and from Avenue E to 18th ave., by excluding therefrom that portion of E. 7th st., between Church ave. and Beverly road, the amended resolution to read as follows: "To open E. 7th st., from Beverly road to Avenue C, and from Avenue E (Ditmas ave.) to 18th ave."

No. 6 EAST 7TH STREET—Requesting the Board of Estimate and Apportionment to amend its resolution of December 4, 1908, to open Johnson st., from E. 7th st. to Coney Island ave.; E. 7th st., from Church ave. to Avenue C, and from Ditmas ave. (Avenue E) to 18th ave.; and E. 8th st., from Caton place to Johnson st., and from Church ave. to Avenue C, by excluding therefrom that portion of E. 7th st. between Church ave. and Beverly road, the amended resolution to read as follows: "To open Johnson st., from E. 7th st. to Coney Island ave.; E. 7th st., from Beverly road to Avenue C, and from Ditmas ave. (Avenue E) to 18th ave.; and East 8th st., from Caton place to Johnson st., and from Church ave. to Avenue C."

No. 7. 16TH AVENUE—To regulate, grade, set cement curb and lay cement sidewalks on 16th ave., between 45th and 60th sts.

No. 8. 16TH AVENUE—To pave 16th ave. with asphalt on concrete foundation, from 40th st. to 60th st.

No. 9. BATH AVENUE—To construct sanitary sewers and storm sewers in Bath ave., from 21st ave. to 23d ave., and sanitary outlet sewers and storm outlet sewers in Bath ave., from 23d ave. to Bay 35th st.

No. 10. BAY 35TH STREET—To construct continuing sanitary outlet sewers and storm outlet sewers in Bay 35th st., from Bath ave. to Benson ave.; in Benson ave., from Bay 35th st. to Stillwell ave.; crossing Stillwell ave. to Avenue V, and in Avenue V, from Stillwell ave. to West 11th st., and a 24-inch forcemain in Avenue V, from W. 11th st. to Stillwell ave., across Stillwell ave. to Benson ave., and in Benson ave., from Stillwell ave. to 21st ave.

No. 11. BENSON AVENUE—To construct a sewer in Benson ave., between 20th ave. and Bay 25th st.

No. 12. BENSON AVENUE—To construct sanitary and storm sewers in Benson ave., between 21st and 22d aves., and outlet sanitary sewers and outlet storm sewers in Benson ave., between 22d ave. and Bay 32d st.

No. 13. BENSON AVENUE—To amend resolution of October 31, 1910, initiating proceedings to grade, set cement curb, pave with asphalt on concrete foundation and lay cement sidewalks on Benson ave., between 20th and 22d aves., by excluding therefrom that portion of Benson ave. between 21st and 22d aves., and to make the amended resolution read as follows: "To regulate and grade, set cement curb, lay cement sidewalks and pave with asphalt on concrete foundation on Benson ave., between 20th and 21st aves."

No. 14. BENSON AVENUE—To regulate and grade, set cement curb, lay cement sidewalks and pave with asphalt on concrete foundation on Benson ave., between 21st and 22d aves.

No. 15. AVENUE J—To pave with asphalt on concrete foundation Avenue J, from Coney Island ave. to Ocean parkway, excluding 12-foot malls within the blocks in the centre of the street.

No. 16. NOSTRAND AVENUE—To construct a sewer in Nostrand ave., between President and Carroll sts., and an outlet sewer in Carroll st., from Nostrand ave. to a point 275 feet west of New York ave., and sewer basins at the northwest and southwest corners of Carroll st. and New York ave.

No. 17. 83D STREET—To amend resolution of April 10, 1907, initiating proceedings to regulate, grade, set curb on concrete and lay cement sidewalks on 83d st., between 18th and 22d aves., by excluding therefrom that portion of 83d st., between 21st and 22d aves., and to have the amended resolution to read as follows: "To regulate, grade, set cement curb and lay cement sidewalks on 83d st., between 18th and 21st aves."

No. 18. 83D STREET—To regulate, grade, set curb on concrete and lay cement sidewalks on 83d st., between 21st and 22d aves.

No. 19. EAST 5TH STREET—To regulate, grade, set cement curb and lay cement sidewalks on E. 5th st., between Foster ave. and the Long Island Railroad.

No. 20. ST. JOHNS PLACE—To lay cement sidewalks five feet in width on the south side of St. Johns place, between Kingston and Albany aves., in front of lots known as Nos. 16, 17 and 23, Block 1258, at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $190; assessed valuation, $16,000.

No. 21. CHESTER AVENUE—To amend resolution of December 28, 1910, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Chester ave., from Church ave. to Fort Hamilton ave., by excluding therefrom that portion of Chester ave. between Church ave. and Louisa st., the amended resolution to read as follows: "To regulate, grade, set cement curb and lay cement sidewalks on Chester ave., between Fort Hamilton ave. and Louisa st."

No. 22. CHESTER AVENUE—To regulate, grade, set cement curb, lay cement sidewalks and pave with asphalt on concrete foundation Chester ave., between Church ave. and Louisa st.

No. 23. MONTGOMERY STREET—To regulate, grade, set cement curb and lay cement sidewalks on Montgomery st., from Franklin ave. to Bedford ave.

No. 24. MONTGOMERY STREET—To lay cement sidewalks where necessary on Montgomery st., from Washington ave. to Franklin ave.

No. 25. HAWTHORNE STREET—To regulate, grade, set cement curb and lay cement sidewalks on Hawthorne st., between New York ave. and Kingston ave.

No. 26. NEW YORK AVENUE—To pave New York ave. with asphalt on concrete foundation, from Clarkson ave. to Hawthorne st.

No. 27. CORTELYOU ROAD—To construct a sewer in Cortelyou road, between Ocean parkway and E. 5th st.

No. 28. CORTELYOU ROAD—To pave Cortelyou road with asphalt on concrete foundation, from Ocean Parkway to E. 5th st.

No. 29. CORTELYOU ROAD—To pave Cortelyou road with asphalt on concrete foundation, between E. 5th st. and Gravesend ave.

No. 30. EAST 18TH STREET—To construct sewer basins on E. 18th st., east and west sides, 450 feet south of the south curb line of Avenue I, and at the east and west sides 400 feet south of the south curb line of Avenue J; on E. 19th st., east and west sides, 450 feet south of the south curb line of Avenue I, at the southeast and southwest corners of Avenue I, and at the southwest corner of Avenue J; on E. 18th st., at the northeast corner of Avenue K; and on Avenue J, at the southwest corner of Ocean ave.

No. 31. NEW YORK AVENUE—To construct a sewer in New York ave., between Montgomery and Malbone sts., and sewer basins on New York ave., at the northeast, northwest and southwest corners of Crown st.; at the northeast, northwest and southwest corners of Montgomery st.; at the northwest and southwest corners of Sullivan st., and at the northwest and southwest corners of Malbone st.

No. 32. EAST 2D STREET—To regulate, grade, set cement curb and lay cement sidewalks on E. 2d st., from Beverly road to Cortelyou road.

No. 33. EAST 4TH STREET—To regulate, grade, set cement curb and lay cement sidewalks where not already done on E. 4th st., from Albemarle road to Caton ave.

No. 34. DITMAS AVENUE—To construct a sewer basin at the southwest corner of Ditmas ave. and E. 16th st.

No. 35. AVENUE V—To construct outlet sanitary and outlet storm sewers in Avenue V, from Van Sicklen st. to the easterly line of W. 10th st.

No. 36. MONTGOMERY STREET—To regulate, grade, set cement curb and lay cement sidewalks on Montgomery st., between New York and Nostrand aves.

No. 37. 61ST STREET—To construct a sewer in 61st st., between 19th and 20th aves., and outlet sewer in 20th ave., between 60th and 61st sts.

No. 38. AVENUE P—To regulate, grade, set curbs and lay sidewalks on Avenue P, from E. 15th st. to E. 17th st.

No. 39. WASHINGTON AVENUE—To pave Washington ave. with asphalt on concrete foundation, from 3d st. to Gravesend ave.

No. 40. 20TH AVENUE—To rescind resolution of July 20, 1910, initiating proceedings to regulate and grade and set cement curb on 20th ave., between 86th st. and Bath ave.

No. 41. 20TH AVENUE—Requesting the Board of Estimate and Apportionment to rescind its resolution of April 20, 1911, to regulate and grade and set cement curb on 20th ave., from 86th st. to Bath ave.

No. 42. 20TH AVENUE—To rescind resolution of July 20, 1910, initiating proceedings to pave 20th ave. with asphalt on concrete foundation, between 86th st. and Bath ave.

No. 43. 20TH AVENUE—Requesting the Board of Estimate and Apportionment to rescind its resolution of April 6, 1911, to pave 20th ave. with asphalt on concrete foundation, from 86th st. to Bath ave.

No. 44. ROBINSON STREET—To regulate, grade, set cement curb and lay cement sidewalks on Robinson st., between Bedford and New York aves.

No. 45. AVENUE P—To construct sewers in Avenue P, between E. 9th st. and Ocean parkway, and outlet sewers in Ocean parkway, east side, between Avenue P and Avenue R; in Avenue R, between Ocean parkway and Gravesend ave.; in Gravesend ave., between Avenue R and Avenue T, and in Avenue T, between Gravesend ave. and Lake st., and outlet storm sewer and outlet sanitary sewer in Avenue T, between Lake st. and Van Sicklen st.

No. 46. EAST 2D STREET—To pave E. 2d st. with asphalt on concrete foundation, from Beverly road to Cortelyou road.

No. 47. 23D AVENUE—To construct a sewer in 23d ave., from 79th st. to Stillwell ave., and an outlet sewer in Avenue Q, between Stillwell ave. and W. 11th st.

No. 48. 23D AVENUE—To construct sanitary sewers and storm sewers in 23d ave., from 79th st. to 86th st., and outlet sanitary and outlet storm sewers in 85th st., from 23d ave. to 24th ave.

No. 49. 23D AVENUE—To construct sanitary sewers and storm sewers in 23d ave., from 86th st. to Cropsey ave.

No. 50. GRAVESEND AVENUE—To construct sanitary sewers and storm sewers in Gravesend ave., from Avenue T to Avenue U, and outlet sanitary and outlet storm sewers in Avenue U, from Gravesend ave. to Van Sicklen st., and in Van Sicklen st., from Avenue U to Avenue V.

No. 51. STILLWELL AVENUE—To construct sanitary and storm sewers in Stillwell ave., from 86th st. to Axenue V, and outlet sanitary and outlet storm sewers in Avenue U, from Stillwell ave. to 86th st.

No. 52. WEST 12TH STREET—To construct sanitary and storm sewers in W. 12th st., from Avenue S to Avenue T, and an outlet sanitary and an outlet storm sewer in Avenue T, from W. 11th st. to W. 12th st.

No. 53. 83D STREET—To construct sanitary and storm sewers in 83d st., between 21st ave. and Bay parkway (22d ave.), and outlet sanitary and outlet storm sewers in Bay parkway (22d ave.), between 83d st. and 85th st.

No. 54. AVENUE R—To construct storm sewers and sanitary sewers in Avenue R, from Coney Island ave. to E. 16th st.

No. 55. AVENUE P—To construct storm sewers and sanitary sewers in Avenue P, from E. 9th st. to E. 17th st., and outlet storm sewers and outlet sanitary sewers in E. 16th st., from Avenue P to Avenue U.

No. 56. AVENUE U—To construct sanitary sewers and storm sewers in Avenue U, from Ocean parkway to Gravesend ave., and forcemain in Avenue U, from Ocean parkway to E. 1st st., together with an intermediate pumping station and appurtenances at the intersection of Avenue U and Ocean parkway.

No. 57. AVENUE U—To construct sanitary sewer and storm sewer in Avenue U, from E. 17th st. to Coney Island ave., and sanitary sewers and storm sewers in Avenue U, from Coney Island ave. to Ocean parkway.

No. 58. CONEY ISLAND AVENUE—To construct storm sewers and sanitary sewers in Coney Island ave., between Avenue O and Avenue U.

No. 59. AVENUE N—To open Avenue N, from a road known as Bay ave., located about 137 feet east of Ocean ave., to a property line about 115 feet east of Elmore place.

No. 60. AVENUE O—To open Avenue O, from the western property line of the old Village of South Greenfield, located at the intersection of Avenue O and E. 23d st. (Delamere place) to E. 26th st.

No. 61. EAST 23D STREET (Delamere place)—To open E. 23d st. (Delamere place), from Avenue M to Kings highway.

No. 62. EAST 24TH STREET (Mansfield place)—To open E. 24th st. (Mansfield place), from a point 640 feet south of Avenue L to Kings highway.

No. 63. BENSONHURST PARK—To alter the map or plan of The City of New York by locating and laying out an extension to Bensonhurst Park bounded by 21st ave., Cropsey ave., Bay 29th st. and the present park.

No. 64. BENSONHURST PARK—To alter the map or plan of The City of New York by locating and laying out an extension to Bensonhurst Park by including therein Lot 22, Block 6467, and all riparian rights in front thereof in Blocks 6467 and 6489, extending to the pierhead line.

No. 65. BENSONHURST PARK—To alter the map or plan of The City of New York by locating and laying out an extension to Bensonhurst Park bounded by the westerly line of 20th ave., Cropsey ave., Bay 29th st., the present park and the pierhead line.

No. 66. STILLWELL AVENUE—To open Stillwell ave., from 22d ave. to 80th st.

No. 67. 65TH STREET—To construct a sewer in 65th st., both sides, between 19th and 20th aves., and outlet sewer in 20th ave., between 65th st. and 61st st.

No. 68. WASHINGTON AVENUE—To construct a sewer in Washington ave., from 3d st. to Gravesend ave.

No. 69. AVENUE H—To construct a sewer basin at the southwest corner of Avenue H and E. 12th st.

No. 70. AVENUE M—To regulate, grade, curb and lay cement sidewalks on Avenue M, from Ocean ave. to a property line about 60 feet westerly of E. 17th st.

No. 71. AVENUE C—To construct a sewer in Avenue C, from Gravesend ave. to West st., and outlet sewer in West st., from Avenue C to Cortelyou road.

No. 72. OCEAN PARKWAY—To construct outlet sewers in Ocean parkway, east side, between Avenue J and Avenue M, and in Avenue M, between Ocean parkway and Coney Island ave.

No. 73. 16TH AVENUE—To amend resolution of March 31, 1910, initiating proceedings to regulate and grade to a width of 33 feet on each side of the centre line, set cement curb and lay cement sidewalks on 16th ave., between 40th and 45th sts., by including therein that portion of 16th ave., between West and 40th sts., and to make the amended resolution read as follows: "To regulate, grade, set curb on concrete foundation and lay cement sidewalks on 16th ave., between West and 45th sts."

No. 74. CONEY ISLAND AVENUE—To pave Coney Island ave. with asphalt on concrete foundation, between Avenue G and Kings highway.

No. 75. EAST 17TH STREET—To open E. 17th st., from Avenue L to a point about 165 feet south of Avenue M.

No. 76. EAST 18TH STREET—To open E. 18th st., from Avenue L to a point about 100 feet south of Avenue M.

No. 77. EAST 19TH STREET—To open E. 19th st., from the south line of Avenue M to a point 360 feet, more or less, south of Avenue M.

No. 78. AVENUE O—To lay cement sidewalks five feet wide, where necessary, on the east side of Avenue O, between Coney Island ave. and E. 12th st.

No. 79. LAWRENCE AVENUE—To construct sewers in Lawrence ave., from Gravesend ave. to 3d st.

No. 80. AVENUE N—To rescind resolution of May 21, 1908, initiating proceedings to open Avenue N, from Gravesend ave. to Flatlands ave., excepting the land occupied by the tracks of the Long Island Railroad and of the Brooklyn and Brighton Beach Railroad.

No. 81. AVENUE N—Requesting the Board of Estimate and Apportionment to rescind its resolution of January 15, 1909, to open Avenue N, from Gravesend ave. to Flatlands ave.

No. 83. TERRACE PLACE—To regulate, grade, set cement curb and lay cement sidewalks on Terrace place, from Prospect ave. to Windsor place.

No. 84. 83D STREET—To amend resolution of April 10, 1907, initiating proceedings to pave 83d st. with asphalt on concrete foundation, between 18th and 22d aves., by excluding therefrom that portion of 83d st. between 21st and 22d aves., the amended resolution to read as follows: "To pave 83d st. with asphalt on concrete foundation, between 18th and 21st aves."

No. 85. 83D STREET—To pave 83d st. with asphalt on concrete foundation, between 21st and 22d aves.

No. 86. NEWKIRK AVENUE—To regulate and grade, set curb and lay sidewalks where necessary, and to pave Newkirk ave., from Coney Island ave., to the bridge over the Brighton Beach Railroad.

No. 87. EAST 21ST STREET—To regulate, grade, set cement curb and lay cement sidewalks, where not already done, and to pave with asphalt on concrete foundation, E. 21st st., from Beverly road to Regent place.

No. 88. COURT—To lay out a court 50 feet wide, extending southerly for a distance of about 166 feet from the southerly side of Foster ave., between the Brighton Beach Railroad and Rugby road.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Borough Secretary.

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Boards of the BAY RIDGE AND FLATBUSH DISTRICTS, at a joint meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

WEDNESDAY, MAY 31, 1911,

at 2.40 p. m.

No. 1. Approval of minutes of meeting held April 28, 1911; abstract published in the CITY RECORD May 16, 1911, page 4250.

No. 2. CROPSEY AVENUE—To replace or reconstruct sewers in Cropsey ave., between New Utrecht ave. and 14th ave.; in 15th ave., between Warehouse ave. and Cropsey ave., and between Bath ave. and Benson ave.; in 16th ave., between Bath ave. and Cropsey ave.; in Bay 13th st. and Bay 14th st., each between Bath ave. and Cropsey ave., and in 17th ave., between Bath ave. and Warehouse ave., and an outlet sewer in 14th ave., between Cropsey ave. and Bath ave.

No. 3. 48TH STREET—To pave 48th st. with wood block pavement between 12th and 17th aves.

No. 4. 48TH STREET—To amend resolution of May 7th, 1908, initiating proceedings to pave 48th st. with asphalt on concrete foundation, between 10th and Fort Hamilton aves., and between New Utrecht and 19th aves., by excluding therefrom that portion of 48th st. between 12th and 17th aves., the amended resolution to read as follows: "To pave 48th st. with asphalt on concrete foundation, between 10th ave. and Fort Hamilton ave.; between New Utrecht ave. and 12th ave. and between 17th ave. and 19th ave."

No. 5. 14TH AVENUE—To construct sewer basins on 14th ave., at all four corners each of 81st, 82d, 83d, 84th and 85th sts.

No. 6. BAY 7TH STREET—To construct sewers in Bay 7th st., between Benson and Cropsey aves.

No. 7. 13TH AVENUE—To pave 13th ave. with asphalt on concrete foundation, between 66th st. and 73d st.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Borough Secretary.

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the BEDFORD DISTRICT, at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

WEDNESDAY, MAY 31, 1911,

at 2.15 p. m.

No. 1. Approval of minutes of meeting held February 3, 1911; abstract published in the CITY RECORD February 27, 1911, page 1577.

No. 2. WASHINGTON AVENUE—To lay cement sidewalks five feet in width on the east side of Washington ave., between Wallabout place and F st., at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $260; assessed valuation, $43,500.

No. 3. DECATUR STREET—To enclose with a board fence six feet high the lots lying on the northeast corner of Decatur st. and Patchen ave., known as Nos. 1 and 95, Block 1678, at the expense of the owner or owners of said lots. Estimated cost $65; assessed valuation, $7,200.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Borough Secretary.

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the BUSHWICK DISTRICT, at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

WEDNESDAY, MAY 31, 1911,

at 2.20 p. m.

No. 1. Approval of minutes of meeting held February 3, 1911; abstract published in the CITY RECORD February 28, 1911, page 1634.

No. 2. TROUTMAN STREET—To amend resolution of November 26, 1906, initiating proceedings to regulate, grade, set curb on concrete, pave with granite block on concrete foundation and lay cement sidewalks on Troutman st., from Irving ave. to a point 150 feet, more or less, east of St. Nicholas ave., by excluding therefrom provisions for paving with granite block on concrete foundation, the amended resolution to read as follows: "To regulate, grade, set curb on concrete and lay cement sidewalks on Troutman st., from Irving ave. to a point 150 feet, more or less, east of St. Nicholas ave."

No. 3. TROUTMAN STREET—To pave Troutman st. with granite block on concrete foundation, from Irving ave. to a point 150 feet, more or less, east of St. Nicholas ave.

No. 4. NOLL STREET—To grade to the level of the curb a strip 20 feet back from the building lines on the south side of Noll st., between Evergreen and Central aves., and on the east side of Evergreen ave., between Noll and George sts., and 10 feet back from the building line on the north side of George st., between Evergreen and Central aves., from lot known as No. 11, Block 3153, at the expense of the owner or owners of said lot. Estimated cost, $800; assessed valuation, $24,000.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Borough Secretary.

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the WILLIAMSBURG DISTRICT, at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

WEDNESDAY, MAY 31, 1911,

at 2.25 p. m.

No. 1. Approval of minutes of meeting held February 3, 1911; abstract published in the CITY RECORD February 28, 1911, page 1634.

No. 2. MASPETH AVENUE—To regulate, grade, set stone curb and lay cement sidewalks on Maspeth ave., between Kingsland and Morgan aves.

No. 3. CLAY STREET—To construct a sewer in Clay st., between Oakland st. and Paidge ave.

No. 4. NORTH 11TH STREET—To enclose with a board fence six feet high, the lots lying on the north side of N. 11th st., and on the south side of N. 12th st., between Berry st. and Bedford ave., known as Nos. 27, 28, 29, 11, 12, 13 and 14, Block 2290, at the expense of the owner or owners of said lots. Estimated cost, $70; assessed valuation, $12,200.

No. 5. BANKER STREET—To construct a sewer in Banker st., between Meserole and Nassau aves.

No. 6. BANKER STREET—To construct a sewer in Banker st., from Calyer st. to Meserole ave.

No. 7. JOHNSON AVENUE—To lay cement sidewalks five feet in width on both sides of Johnson ave., from Morgan ave. to Flushing ave., at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $4,000; assessed valuation, $200,800.

No. 8. SCHOLES STREET—To lay cement sidewalks five feet in width on both sides of Scholes st., between Waterbury st. and Morgan ave., at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost $1,600; assessed valuation, $110,000.

No. 9. MAUJER STREET—To lay cement sidewalks five feet in width on the south side of Maujer street, between Morgan ave. and Waterbury st., opposite lots known as Nos. 1 and 37, Block 3019, at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $185; assessed valuation, $12,000.

No. 10. AMOS STREET—To change the lines of Amos street, between Morgan and Kingsland aves., so as to make them the same as they were before 1906.

No. 11. NEWTON STREET—To amend resolution of November 26, 1906, initiating proceedings to regulate, grade, set curb on concrete, lay cement sidewalks and pave with granite on concrete foundation on Newton st., from Manhattan ave. to a point 80 feet, more or less, west of Graham ave., by adding thereto the portion of Newton st. from a point 80 feet, more or less, west of Graham ave. to Graham ave., the amended resolution to read as follows: "To regulate, grade, set curb on concrete, lay cement sidewalks and pave with granite on concrete foundation on Newton st., from Manhattan ave. to Graham ave."

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Borough Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office until 11 o'clock a. m. on

WEDNESDAY, MAY 31, 1911,

Borough of Brooklyn.

1. FOR REGULATING AND REPAVING WITH IRON SLAG PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF FLINT ST., FROM FRONT ST. TO YORK ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

510 square yards iron slag pavement with cement joints—1 year maintenance.

5 square yards old stone pavement to be relaid.

85 cubic yards concrete for pavement foundation.

565 linear feet new curbstone set in concrete.

10 linear feet old curbstone reset in concrete.

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days. The amount of security required is Eight Hundred Dollars ($800).

2. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF LEWIS AVE. FROM MADISON ST. TO HALSEY ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

4,595 square yards asphalt pavement outside railroad area—5 years' maintenance.

4,595 square yards present asphalt pavement and foundation outside railroad area, to be removed

10 square yards asphalt pavement within rail road area—no maintenance.

10 square yards present asphalt pavement and foundation within railroad area, to be removed.

1,020 cubic yards concrete for pavement foundation outside railroad area.

3 cubic yards concrete for pavement foundation within railroad area.

560 linear feet new curbstone set in concrete.

1,430 linear feet old curbstone reset in concrete.

14 noiseless covers and heads for sewer manholes.

The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days. The amount of security required is Four Thousand Dollars ($4,000).

3. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF LINCOLN PLACE, FROM 6TH AVE. TO PLAZA ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

5,820 square yards asphalt pavement outside railroad area—5 years' maintenance.

5,820 square yards present asphalt pavement outside railroad area, to be removed.

25 square yards asphalt pavement within rail road area—no maintenance.

25 square yards present asphalt pavement within railroad area, to be removed.

810 cubic yards concrete, for pavement foundation, outside railroad area.

4 cubic yards concrete for pavement foundation within railroad area.

2,795 linear feet new curbstone set in concrete.

150 linear feet old curbstone reset in concrete.

15 noiseless covers and heads for sewer manholes.

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days. The amount of security required is Forty-five Hundred Dollars ($4,500).

4. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF ST. MARKS AVE. FROM NOSTRAND AVE. TO KINGSTON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

18,830 square yards asphalt pavement outside railroad area—5 years' maintenance.

10,830 square yards present asphalt pavement outside railroad area, to be removed.

25 square yards asphalt pavement within railroad area—no maintenance.

25 square yards present asphalt pavement within railroad area to be removed.

1,145 cubic yards concrete, for pavement foundation, outside railroad area.

2 cubic yards concrete for pavement foundation within railroad area.

3,095 linear feet new curbstone set in concrete.

1,325 linear feet old curbstone reset in concrete.

25 noiseless covers and heads for sewer manholes.

650 cubic feet extra binder.

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days. The amount of security required is Seven Thousand Dollars ($7,000).

5. FOR REGULATING AND REPAVING WITH IRON SLAG PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 40TH ST. FROM 5TH AVE. TO 6TH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,405 square yards iron slag pavement with cement joints—1 year maintenance.

10 square yards old stone pavement to be relaid.

400 cubic yards concrete for pavement foundation.

640 linear feet new curbstone set in concrete.

800 linear feet old curbstone reset in concrete.

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days. The amount of security required is Thirty-two Hundred Dollars ($3,200).

6. FOR FURNISHING AND DELIVERING 200,000 GALLONS ASPHALT ROAD OIL, TO BE DELIVERED AS CALLED FOR AT ANY OR ALL RAILROAD STATIONS OR PUBLIC DOCKS IN THE BOROUGH OF BROOKLYN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is on or before December 1, 1911. The amount of security required is Twenty-seven Hundred Dollars ($2,700).

7. FOR FURNISHING AND DELIVERING 3,000 BARRELS PORTLAND CEMENT. TO BE DELIVERED AND PILED IN THE CORPORATION YARD, LOCATED IN THE WALLABOUT MARKET, IN THE BOROUGH OF BROOKLYN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is on or before December 31, 1911. The amount of security required is Fifteen Hundred Dollars ($1,500).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per square yard, cubic yard, linear foot, or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Bureau of Highways, 14 Municipal Building, the Borough of Brooklyn.

ALFRED E. STEERS, President.

Dated May 12, 1911. m18,31

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office until 11 o'clock a. m. on

WEDNESDAY, MAY 24, 1911,

1. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF BAINBRIDGE ST. FROM LEWIS AVE. TO STUYVESANT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,890 square yards asphalt pavement—5 years' maintenance.

2,890 square yards present asphalt pavement to be removed.

100 cubic yards concrete for pavement foundation.

360 linear feet new curbstone set in concrete.

1,075 linear feet old curbstone reset in concrete.

8 noiseless covers and heads for sewer manholes.

540 cubic feet extra binder.

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Seventeen Hundred Dollars ($1,700)

2. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF BROOKLYN AVE. FROM AVENUE I TO FLATBUSH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

3,883 square yards asphalt pavement—5 years' maintenance.

542 cubic yards concrete, for pavement foundation.

The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Two Thousand Dollars ($2,000).

3. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON CARROLL ST., FROM ALBANY AVE. TO TROY AVE., WHERE NOT ALREADY DONE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

6,180 cubic yards earth excavation.

1,100 cubic yards earth filling—not to be bid for.

860 linear feet cement curb—1 year maintenance.

7,360 square feet cement sidewalk—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days. The amount of security required is Fifteen Hundred Dollars ($1,500).

4. FOR REGULATING, AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF CLINTON ST., FROM BALTIC ST. TO HAMILTON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

13,705 square yards asphalt pavement outside railroad area—5 years' maintenance.

18 square yards asphalt pavement within railroad area—no maintenance.

30 square yards old stone pavement relaid.

1,905 cubic yards concrete for pavement foundation outside railroad area.

3 cubic yards concrete for pavement foundation, within railroad area.

6,760 linear feet new curbstone set in concrete.

700 linear feet old curbstone reset in concrete.

45 noiseless covers and heads for sewer manholes.

The time allowed for the completion of the work and the full performance of the contract is forty (40) working days. The amount of security required is Ten Thousand Dollars ($10,000).

5. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON EAST 28TH ST., FROM EMMONS AVE. TO VOORHIES AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

11,700 cubic yards earth filling—to be furnished.

2,360 linear feet cement curb—1 year maintenance.

11,530 square feet cement sidewalk—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract is one hundred (100) working days. The amount of security required is Twenty-nine Hundred Dollars ($2,900).

6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON HUBBARD PLACE, FROM FLATBUSH AVE. TO E. 40TH ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

20 cubic yards earth excavation.

740 cubic yards earth filling—to be furnished.

1,130 linear feet cement curb—1 year maintenance.

5,230 square feet cement sidewalk—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days. The amount of security required is Six Hundred Dollars ($600).

7. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON HUMBOLDT ST., FROM NORMAN AVE. TO GREENPOINT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,850 linear feet new curbstone set in concrete.

2,290 cubic yards earth excavation.

1,430 cubic yards earth filling—not to be bid for.

13,770 square feet cement sidewalk—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days. The amount of security required is Two Thousand Dollars ($2,000).

8. FOR REGULATING AND REPAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MADISON ST., FROM TOMPKINS AVE. TO THROOP AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,890 square yards asphalt pavement outside railroad area—5 years' maintenance.

2,890 square yards present asphalt pavement outside railroad area to be removed.

10 square yards asphalt pavement within railroad area—no maintenance.

10 square yards present asphalt pavement within railroad area to be removed.
100 cubic yards concrete for pavement foundation outside railroad area.
1 cubic yard concrete for pavement foundation within railroad area.
370 linear feet new curbstone set in concrete.
1,120 linear feet old curbstone reset in concrete.
8 noiseless covers and heads for sewer manholes.
540 cubic feet of extra binder.
The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Seventeen Hundred Dollars ($1,700).

9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON MARTENSE ST., FROM NOSTRAND AVE. TO NEW YORK AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
530 cubic yards earth excavation.
100 cubic yards earth filling—not to be bid for.
1,510 linear feet cement curb—1 year maintenance.
6,250 square feet cement sidewalk — 1 year maintenance.
The time allowed for the completion of the work and the full performance of the contract is twenty-five (25) working days. The amount of security required is Seven Hundred Dollars ($700).

10. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MILFORD ST., FROM GLENMORE AVE. TO PITKIN AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
1,383 square yards asphalt pavement—5 years' maintenance.
192 cubic yards concrete for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Seven Hundred Dollars ($700).

11. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON N. HENRY ST., FROM NORMAN AVE. TO GREENPOINT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
3,190 linear feet new curbstone set in concrete.
4,640 cubic yards earth excavation.
1,150 cubic yards earth filling—not to be bid for.
15,520 square feet cement sidewalk—1 year maintenance.
The time allowed for the completion of the work and the full performance of the contract is fifty (50) working days. The amount of security required is Twenty-five Hundred Dollars ($2,500).

12. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SHEPHERD AVE., FROM GLENMORE AVE. TO PITKIN AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
1,380 square yards asphalt pavement—5 years' maintenance.
192 cubic yards concrete for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Seven Hundred Dollars ($700).

13. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SHEPHERD AVE., FROM LIBERTY AVE. TO GLENMORE AVE. AND FROM PITKIN AVE. TO NEW LOTS ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
8,710 square yards asphalt pavement—5 years' maintenance.
1,216 cubic yards concrete, for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days. The amount of security required is Forty-six Hundred Dollars ($4,600).

14. FOR REGULATING, GRADING TO A WIDTH OF THIRTY-THREE (33) FEET ON EACH SIDE OF THE CENTRE LINE, CURBING AND LAYING SIDEWALKS WHERE NOT ALREADY DONE, ON 13TH AVE., FROM 37TH ST. TO NEW UTRECHT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
1,920 cubic yards earth excavation.
510 cubic yards earth filling—not to be bid for.
7,570 linear feet cement curb—1 year maintenance.
13,500 square feet cement sidewalk — 1 year maintenance.
The time allowed for the completion of the work and the full performance of the contract is forty (40) working days. The amount of security required is Twenty-three Hundred Dollars ($2,300).

15. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 44TH ST., FROM 12TH AVE. TO 15TH AVE., AND FROM 16TH AVE. TO WEST ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
12,900 square yards asphalt pavement—5 years' maintenance.
1,810 cubic yards concrete for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is thirty-five (35) working days. The amount of security required is Seven Thousand Dollars ($7,000).

16. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 53D ST., FROM 11TH AVE. TO FORT HAMILTON AVE. TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
2,067 square yards asphalt pavement—5 years' maintenance.
292 cubic yards concrete for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Eleven Hundred Dollars ($1,100).

17. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 57TH ST., FROM 12TH AVE. TO NEW UTRECHT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
3,560 square yards asphalt pavement—5 years' maintenance.
500 cubic yards concrete, for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Nineteen Hundred Dollars ($1,900).

18. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 61ST ST., FROM 6TH AVE. TO 7TH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
2,692 square yards asphalt pavement—5 years' maintenance.
378 cubic yards concrete, for pavement foundation.
The time allowed for the completion of the work and the full performance of the contract is twenty (20) working days. The amount of security required is Fourteen Hundred Dollars ($1,400).

19. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 74TH ST., FROM 11TH AVE TO 12TH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:
1,350 cubic yards earth excavation.
1,470 linear feet cement curb—1 year maintenance.
7,310 square feet cement sidewalk — 1 year maintenance.
The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days. The amount of security required is Eight Hundred Dollars ($800).
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard, or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.
Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, the Borough of Brooklyn, 12 Municipal Building, Brooklyn.

ALFRED E. STEERS, President.
Dated May 11, 1911. m12,24

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President, Borough of Brooklyn, at the above office, until 11 o'clock a. m. on

WEDNESDAY, MAY 24, 1911,
Borough of Brooklyn.

1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT ALL FOUR CORNERS OF NEW LOTS ROAD AND NEW JERSEY AVE.

The Engineer's preliminary estimate of the quantities is as follows:

Four (4) sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $135	$540 00
380 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.15	$1,197 00
440 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 80 cents	352 00
4 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	200 00
Total	$1,749 00

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.
The amount of security required will be Nine Hundred Dollars ($900).

6. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR RECONSTRUCTING SEWER IN DUPONT ST., FROM OAKLAND ST. TO A POINT ABOUT 200 FEET EASTERLY THEREOF, AND TO CONSTRUCT A SEWER IN THE REMAINING PORTION OF DUPONT ST., FROM A POINT ABOUT 200 FEET EAST OF OAKLAND ST. TO PROVOST ST.

The Engineer's preliminary estimate of the quantities is as follows:

70 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.35	$164 50
600 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.70	1,020 00
485 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 60 cents	291 00
7 house connection drains, reconnected complete, including all incidentals and appurtenances; per reconnection, $4	28 00
7 manholes complete, with iron heads and covers, including all incidentals and appurtenances, per manhole, $45	315 00
2,100 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	37 80
3,100 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25	77 50
28 cubic yards of concrete cradle laid in place complete, including extra excavation, and all incidentals and appurtenances; per cubic yard, $6	168 00
Total	$2,101 80

The time allowed for the completion of the work and full performance of the contract will be forty-five (45) working days.
The amount of security required will be One Thousand Dollars ($1,000).

7. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR REPAIRING SEWER IN PINK ST., FROM FRANKLIN ST. TO NEWTOWN CREEK.

The Engineers' preliminary estimate of the quantities is as follows:

453 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4	$1,812 00
3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $40	120 00
600 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	10 80
1,700 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25	42 50
40 cubic yards of concrete cradle, laid in place complete, including extra excavation, and all incidentals and appurtenances; per cubic yard, $6	240 00
One (1) sewer basin reconnected complete, including all incidentals and appurtenances; per reconnection, $10	10 00
Total	$2,235 30

The time allowed for the completion of the work and full performance of the contract will be fifty (50) working days.
The amount of security required will be One Thousand One Hundred Dollars ($1,100).

8. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN 59TH ST., BETWEEN 16TH AND 17TH AVES.

The Engineer's preliminary estimate of the quantities is as follows:

44 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.90	$83 60
740 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.65	1,221 00
900 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 75 cents	675 00
8 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	400 00
Total	$2,379 60

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.
The amount of security required will be Twelve Hundred Dollars ($1,200).

9. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN 13TH AVE., BETWEEN 73D AND 75TH STS., AND BETWEEN 78TH AND 79TH STS.

The Engineer's preliminary estimate of the quantities is as follows:

660 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2	$1,320 00
835 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 75 cents	626 25
9 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	450 00
33,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	594 00
Total	$2,990 25

The time allowed for the completion of the work and full performance of the contract will be forty-five (45) working days.
The amount of security required will be Fifteen Hundred Dollars ($1,500).

10. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN BOTH SIDES OF GRAVESEND AVE., BETWEEN CHURCH AVE. AND AVENUE C.

The Engineer's preliminary estimate of the quantities is as follows:

1,756 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.65	$2,897 40
1,025 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 75 cents	768 75
15 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	800 00
2 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $130	260 00
88,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	1,584 00
Total	$6,310 15

The time allowed for the completion of the work and full performance of the contract will be fifty (50) working days.
The amount of security required will be Three Thousand Dollars ($3,000).

11. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN LINDEN AVE., NORTH SIDE, FROM E. 34TH ST. TO E. 35TH ST.; IN CHURCH AVE., FROM E. 34TH ST. TO E. 35TH ST.; IN SNYDER AVE., FROM E. 34TH ST. TO E. 35TH ST., AND IN E. 35TH ST., FROM LINDEN AVE. TO BEVERLY ROAD.

The Engineer's preliminary estimate of the quantities is as follows:

2,039 linear feet of 36-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.80	$9,787 20
698 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.10	2,163 80
290 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.40	696 00
247 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.10	518 70
253 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.60	404 80
4,520 linear feet of 6-inch house connection drain laid complete, including all incidentals and appurtenances; per linear foot, 85 cents	3,842 00
32 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $47	1,504 00
13 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $130	1,690 00
17,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	306 00
15,500 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25	387 50
Total	$21,300 00

The time allowed for the completion of the work and full performance of the contract will be one hundred and seventy-five (175) working days.
The amount of security required will be Ten Thousand Dollars ($10,000).

12. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN 46TH ST., BETWEEN 8TH AND 10TH AVES.

The Engineers' preliminary estimate of the quantities is as follows:

42 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.75	$115 50
1,432 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.90	2,720 80
1,292 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 70 cents	904 40
14 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $45	630 00
2 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hoods, and connecting culverts, including all incidentals and appurtenances; per basin, $125	250 00
Total	$4,620 70

The time allowed for the completion of the work and full performance of the contract will of ninety (90) working days.

The amount of security required will be Two Thousand Three Hundred Dollars ($2,300).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent. or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage, as bid for this contract, shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, 215 Montague st., Brooklyn. ALFRED E. STEERS, President.

m12,24

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, at the above office, until 2 o'clock p. m. on

WEDNESDAY, MAY 24, 1911,
Boroughs of Manhattan and The Bronx.

FOR FURNISHING, DELIVERING AND LAYING WATER MAINS AND APPURTENANCES IN E. 135TH, E. 149TH, E. 161ST, E. 162D, E. 163D, E. 167TH, E. 194TH, W. 231ST, EXTERIOR AND KAPPOCK STS.; IN BAILEY, DECATUR, ELTON, GERARD, JOHNSON, PELHAM RIVER, STEBBINS, 3D AND WESTCHESTER AVES.; IN KINGSBRIDGE AND SPUYTEN DUYVIL ROADS; IN HUB AND KINGSBRIDGE TERRACES; IN SOUTHERN BOULEVARD, AND IN BRONX AND PELHAM PARKWAY, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be three hundred (300) working days.

The security required is One Hundred and Twenty-five Thousand Dollars ($125,000).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested.

The bids will be compared and award made for all the work, articles, materials and supplies contained in the specifications or schedule attached thereto.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1904, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.
Dated May 12, 1911. m13,24

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, at the above office, until 2 o'clock p. m. on

WEDNESDAY, MAY 24, 1911,
Borough of Brooklyn.

FOR FURNISHING AND DELIVERING WELL DRIVING MACHINES.

The time allowed for the delivery of the supplies and the performance of the contract is forty (40) calendar days.

The amount of security required is One Thousand Dollars ($1,000).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested.

The bids will be compared and award made for all the work, articles materials and supplies contained in the specifications or schedule attached thereto.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1904, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained

HENRY S. THOMPSON, Commissioner.
Dated May 9, 1911. m11,24

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, at the above office, until 2 o'clock p. m. on

WEDNESDAY, MAY 24, 1911,
Borough of Brooklyn.

FOR FURNISHING, DELIVERING AND LAYING WATER MAINS AND APPURTENANCES IN ACADEMY, AMITY, BRAGAW, CHERRY, CRESCENT, W. GROVE, HANCOCK, HENRY, LAWRENCE, POPLAR, RADDE, WILLOW, 13TH AND 14TH STS.; IN BAYVIEW, BOWNE, DITMARS, GRAHAM, HUNTERS POINT, JAMAICA, LAWRENCE, MITCHELL, MYRTLE, PAYNTAR, PROSPECT, SKILLMAN, VAN ALST, WALDO, WASHINGTON, WHITESTONE, WILBUR, 1ST, 3D, 4TH, 6TH, 16TH AND 18TH AVES.; IN COVERT AND S. WASHINGTON PLACES; IN BOULEVARD AND IN COLLEGE POINT CAUSEWAY.

The time allowed for doing and completing the entire work is one hundred and twenty-five (125) working days.

The security required is Forty Thousand Dollars ($40,000).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested. The bids will be compared and award made for all the work, articles, materials and supplies contained in the specifications or schedule attached thereto.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.
Dated May 9, 1911. m11,24

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

FRIDAY, MAY 19, 1911,
Borough of Richmond.

FOR FURNISHING, DELIVERING AND LAYING WATER MAINS AND APPURTENANCES IN BELMONT, CLARKE, HENRY, JERSEY, NAUTILUS, OAK, SECOND, SMITH, THIRD, VARIAN, VINE, WASHINGTON AND WOODSTOCK STS.; BAYVIEW, BIDWELL, BISMARK, BRIGHTON, BURGER, CHESTNUT, CLIFTON, DEEMS, EXCELSIOR, FISK, FOREST, HUGUENOT, INDIANA, JEWETT, LAUREL, LEONARD, LINCOLN, MAINE, MARYLAND, MEISNER, NEAL DOW, NELSON, NEW YORK, OAKLAND, PLEASANT, SEA, SHARROTT, ST. JOHN, TOMPKINS, VAN PELT, VISTA, WARDWELL, WASHINGTON, WATERS, WESTERVELT, WILLARD, WINANT AND WOODVAIL AVES.; ANNADALE, BLOOMINGDALE, CLOVE, COUNTY HOUSE, FRESH KILLS, HARBOR, MANOR, RICHMOND VALLEY, SHORE, TODT HILL AND WATCHOGUE ROADS; ALABAMA, NEW YORK, OHIO AND WASHINGTON PLACES; JEFFERSON AND SOUTHFIELD BOULEVARDS; THE BOULEVARD, BROADWAY, GIFFORD'S LANE, OCEAN TERRACE AND RICHMOND TURNPIKE; AND REMOVING EXISTING WATER MAINS AND APPURTENANCES IN JERSEY ST.; FOREST, JEWETT, MARYLAND, SHARROTT AND WESTERVELT AVES.; TODT HILL ROAD AND RICHMOND TURNPIKE.

The time allowed for doing and completing the entire work is two hundred and fifty (250) working days.

The amount of security required is One Hundred Thousand Dollars ($100.000).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested. The bids will be compared and award made for all the work, articles, materials and supplies contained in the specifications or schedule attached thereto.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.
Dated May 5, 1911. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF STREET CLEANING.

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1403, 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock m., on

TUESDAY, MAY 23, 1911,
Borough of Brooklyn.

CONTRACT FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE BUILDING, CONSTRUCTION AND ERECTION OF PLASTER WORK, STABLE FITTINGS, CARRIAGE LIFTS, SCALES, ETC., FOR A STABLE ON THE SOUTHEAST CORNER OF CANAL AVE. AND E. 3D ST. (CONEY ISLAND).

The time for the completion of the work and the full performance of the contract is two hundred (200) working days. The amount of security required is Two Thousand Dollars ($2,000).

Bids will be compared and the contract awarded at a lump or aggregate sum, as this contract is entire and for a complete job.

The total amount available for the expense of the three contracts for the construction of the said stable is $49,000 (less architect's fees of 5 per cent.), authorized by resolutions of the Board of Estimate and Apportionment of June 3, 1910, and the Board of Aldermen of June 21, 1910.

N. B.—Contracts No. 1 (Several Works, etc.) and No. 3 (Plumbing and Gas Fitting, etc.) have been let under a recent advertisement, this being a re-advertisement of Contract No. 2.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, the Borough of Manhattan, 13-21 Park row, and the plans and drawings may be obtained at the office of the Architect, D. Everett Waid, Esq., 1 Madison ave.

Dated May 9, 1911.

WM. H. EDWARDS, Commissioner of Street Cleaning. m11,23

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1403, 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock m. on

FRIDAY, MAY 19, 1911,
Borough of Manhattan.

CONTRACT FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR COMPLETING AN ABANDONED CONTRACT FOR THE FINAL DISPOSITION OF ALL ASHES, STREET SWEEPINGS AND RUBBISH THAT MAY BE DELIVERED ON BOARD OF DECK SCOWS OR OTHER VESSELS AT THE WATERFRONT DUMPS OF THE DEPARTMENT OF STREET CLEANING, IN THE BOROUGH OF MANHATTAN, ON THE HUDSON RIVER, AND CLINTON ST. DUMP ON THE EAST RIVER.

The period of this contract will be for the remainder of the abandoned contract, which was for five (5) years beginning January 2, 1909.

The amount of the security required is $100,000.

The compensation to the Contractor which shall be in full for all work performed must be at prices per scowload; the loads being classified in four classes:

"Class A" scows having a deck area of not more than 1,600 square feet, and averaging a capacity of 322 cart loads each.

"Class B" scows having a deck area of more than 1,600 square feet and not more than 1,750 square feet, and averaging a capacity of 371.5 cart loads each.

"Class C" scows having a deck area of more than 1,750 square feet and not more than 2,250 square feet, and averaging a capacity of 413.5 cart loads each.

"Class D" scows having a deck area of more than 2,250 square feet, and averaging a capacity of 540 cart loads each.

"Class E" all vessels other than deck scows at a uniform price per full load (the capacity as stated by the bidder in his bid or estimate).

Provided, however, that whenever in an emergency caused by ice or other embarrassing or unforeseen conditions the use of the Department's steam dumpers is not sufficient and the Commissioner requires the Contractor to tow some of the said materials to sea and there unload them, special prices to be bid for by the Contractor shall be paid to the Contractor for such sea work not to exceed 35 per cent., in addition to the prices bid by the Contractor for the same classes of scows under this contract when used within the harbor.

The Contract, if awarded, will be awarded subject to the approval of the Board of Estimate and Apportionment.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Street Cleaning, the Borough of Manhattan, 13-21 Park row.

WM. H. EDWARDS, Commissioner of Street Cleaning.
Dated May 6, 1911. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, MAY 18, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

THURSDAY, MAY 18, until 4 P. M., FRIDAY, JUNE 2, 1911,

for the position of

KEEPER OF MENAGERIE.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., June 2, will be accepted.

The examination will be held on Friday, June 23, 1911, at 10 a. m.

The subjects and weights of the examination are as follows: Duties, 4; Experience, 6.

70 per cent. required on Duties; 70 per cent. required on Experience. Minimum age, 21 years.

One vacancy in Department of Parks, Manhattan and Richmond. Salary, $900 per annum.

FRANK A. SPENCER, Secretary.
m18,j2

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, May 15, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

MONDAY, MAY 15, UNTIL 4 P. M. MONDAY, MAY 29, 1911,

for the position of

EXAMINING PHYSICIAN (MALE AND FEMALE).

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. May 29, will be accepted.

The examination will be held on Wednesday, June 21, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 6; Experience, 4.

75 per cent. required on the Technical and 70 per cent. on all.

Minimum age, 21 years. One vacancy (female) in Department of Public Charities. Salary, $1,000 per annum.

FRANK A. SPENCER, Secretary.
m15,29

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, May 15, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

MONDAY, MAY 15, UNTIL 4 P. M. MONDAY, MAY 29, 1911,

for the position of

CHEMIST.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. May 29, will be accepted.

The examination will be held on Thursday, June 22, 1911, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 6; Experience, 4.

75 per cent. required on Technical paper and 70 per cent. on all.

Candidates must have knowledge gained by actual experience of general chemistry and of qualitative and quantitative analysis. Some credit will be given for ability to consult reference books in French and German, and for facility and accuracy in chemical computations.

At the conclusion of the general paper, candidates will be given a choice of special papers for the Health Department, for the Department of Water Supply, Gas and Eletricity, and for the Bureau of Highways.

Most of those who secure appointment will be given opportunity for wide experience in analysis.

The requirement that all applicants shall be residents of the State of New York is waived for this examination.

The requirement that vouchers shall be residents of The City of New York is waived for this examination, and applications bearing the certificates of four persons resident or engaged in business elsewhere will be accepted.

The requirement of citizenship is waived for this examination

Minimum age, 21 years. Vacancies, two in Department of Health, $1,200 per annum, and one in office of Commissioner of Public Works, Manhattan, $1,350 per annum.

FRANK A. SPENCER, Secretary.
m15,29

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, May 12, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

FRIDAY, MAY 12, until 4 P. M. FRIDAY, MAY 26, 1911,

for the position of

MECHANICAL ENGINEER.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. May 26, will be accepted.

The examination will be held on MONDAY, JUNE 19, 1911, at 10 a. m.

The subjects and weights of the examination are as follows:

Technical, 5; Experience, 3; Arithmetic, 2.

75 per cent. required on the Technical. and 70 per cent. on all.

Candidates must be graduates of a technical school and have had drafting-room experience on details of mechanical appliances, together with at least three years' experience in assembling and erection of units connected with steam plants. They must show a familiarity with the details of complete mechanical equipments of public buildings—plumbing, elevators, heating, electric lighting, pumping and power systems.

Minimum age, 21 years. One (1) vacancy in office of Commissioner of Public Works, Manhattan. Salary, $2,550 per annum.

FRANK A. SPENCER, Secretary.
m12,26

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, MAY 10, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

WEDNESDAY, MAY 10, until 4 P. M., WEDNESDAY, MAY 24, 1911,

for the position of

ASSISTANT ELECTRICAL ENGINEER.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. May 24 will be accepted.

The examination will be held on Wednesday, June 14, 1911, at 10 a. m.

The subjects and weights of the examination are as follows:

Experience, 4; Technical, 6.

75 per cent. required on the Technical and 70 per cent. on the total.

The duties of the position will comprise the care of electrical conduits, the laying of underground circuits, and the distribution of branches to fire alarm boxes.

Minimum age, 21 years. Vacancies, two (2) in the Fire Department. Salary, $1,800 per annum.

FRANK A. SPENCER, Secretary.
m10,24

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, MAY 8, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

MONDAY, MAY 8, UNTIL 4 P. M. MONDAY, MAY 22, 1911,

for the position of

DEPUTY DIRECTOR OF AMBULANCE SERVICE.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. May 22, will be accepted.

The examination will be held on Monday, June 12, 1911, at 10 a. m.

The subjects and weights of the examination are as follows: Duties, 5; Experience, 5.

70 per cent. required on Duties and 70 per cent. on Experience.

Candidates should have a knowledge of the law bearing on the matter of ambulance service and should be familiar with the conditions and requirements of the service, especially as connected with location and resources of the various hospitals of the City.

Vacancy exists in Board of Ambulance Service. Salary, $2,500 per annum. Minimum age, 25 years.

FRANK A. SPENCER, Secretary.
m8,22

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, May 4, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

THURSDAY, MAY 4, until 4 P. M. THURSDAY, MAY 18, 1911,

for the position of

NURSE'S ASSISTANT.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. May 18 will be accepted

The examination will be held on Friday, June 9, 1911, at 10 a. m.

The subjects and weights of the examination are as follows:

Duties, 5; Experience, 5.

70 per cent. required on Duties and 70 per cent. on Experience.

Applicants for this position should have had some experience in caring for children, either as nurse maids in private houses, governesses, institution or hospital practice work. They should also have general knowledge of baby hygiene and the details of the care of well babies.

The duties require the Assistants to attend at the milk stations in the general capacity of matrons, to maintain order among the mothers, and to attend to such matters with reference to handling of babies, modification of milk, etc., as may be directed by the nurse. The hours will probably be from 9 a. m. to 12 m.

Vacancies, 15 in Department of Health. Salary, $480 per annum. Minimum age, 18 years.

FRANK A. SPENCER, Secretary.
m4,18

BOARD OF WATER SUPPLY.

CATSKILL AQUEDUCT.

SEALED BIDS WILL BE RECEIVED BY the Board of Water Supply, at its offices, 7th floor, 165 Broadway, New York, until 11 a. m. on

TUESDAY, MAY 23, 1911,

for

CONTRACT 90,

FOR THE COMPLETION OF THE HUDSON SIPHON, A DEEP PRESSURE TUNNEL IN ROCK, FOURTEEN FEET INSIDE DIAMETER, EXTENDING UNDER THE HUDSON RIVER ABOUT 1,100 FEET BELOW THE WATER SURFACE, WITH TWO SHAFTS 3,022 FEET APART ON THE OPPOSITE SHORES, BETWEEN STORM KING AND BREAKNECK MOUNTAINS, IN THE TOWNS OF CORNWALL, ORANGE COUNTY, AND FISHKILL, DUTCHESS COUNTY, NEW YORK.

An approximate statement of quantities of the various classes of work and further information are given in the Information for Bidders, forming part of the contract. At the above place and time bids will be publicly opened and read. The award of the contract, if awarded, will be made by the Board as soon thereafter as practicable. The Board reserves the right to reject any and all bids.

Two or more bonds, the aggregate amount of which shall be three hundred and fifty thousand dollars ($350,000), will be required for the faithful performance of the contract.

No bid will be received and deposited unless accompanied by a certified check upon a National or State bank, drawn to the order of the Comptroller of The City of New York, to the amount of Thirty Thousand Dollars ($30,000).

Time allowed for the completion of the work is until October 1, 1913.

Pamphlets containing information for bidders, forms of proposal and contract, specifications, etc., and pamphlets of contract drawings can be obtained at the above address, upon application in person or by mail, by depositing the sum of ten dollars ($10) in currency, or check drawn to the order of the Board of Water Supply, for each pamphlet, or twenty dollars ($20) for each set. This deposit will be refunded upon the return of the pamphlets in acceptable condition within thirty days from the date on which bids are to be opened.

CHARLES STRAUSS, President; CHARLES N. CHADWICK, JOHN F. GALVIN, Commissioners of the Board of Water Supply.

JOSEPH P. MORRISSEY, Secretary. m4,23

Note—See General Instructions to Bidders on last page, last column, of the "City Record," so far as applicable hereto and not otherwise provided for.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK.
OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.
JAMES C. CROPSEY, Police Commissioner.

POLICE DEPARTMENT — CITY OF NEW YORK. BOROUGH OF BROOKLYN.
OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.
JAMES C. CROPSEY, Police Commissioner.

FIRE DEPARTMENT.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m. on

FRIDAY, MAY 26, 1911,

FOR FURNISHING AND DELIVERING THREE THOUSAND FIVE HUNDRED (3,500) FEET OF 3½-INCH RUBBER FIRE HOSE FOR FIREBOATS, BOROUGHS OF MANHATTAN AND RICHMOND, and
FIFTEEN HUNDRED (1,500) FEET OF 3½-INCH RUBBER FIRE HOSE FOR FIREBOATS, BOROUGH OF BROOKLYN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is one hundred and twenty (120) working days. The amount of security required is fifty per cent (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the total for each item and awards made to the lowest bidder. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, 157 and 159 E. 67th st., Manhattan.

R. WALDO, Fire Commissioner.
Dated May 12, 1911. m15,26

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

THURSDAY, MAY 25, 1911,

Borough of Manhattan.

No. 1. FOR FURNISHING AND DELIVERING TERMINAL POSTS AND TERMINAL BOXES FOR FIRE ALARM TELEGRAPH.

The time for the delivery of the articles, materials and supplies and the performance of the contract is two hundred (200) working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

Borough of Brooklyn.

No. 2. FOR FURNISHING AND DELIVERING TERMINAL POSTS AND TERMINAL BOXES FOR FIRE ALARM TELEGRAPH.

The time for the delivery of the articles, materials and supplies and the performance of the contract is two hundred (200) working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

Bids will be accepted for the posts and the boxes separately.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the total.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Fire Department, 157 and 159 E. 67th st., Manhattan.

R. WALDO, Fire Commissioner.
Dated May 11, 1911. m13,25

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF DOCKS AND FERRIES.

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m., on

THURSDAY, MAY 25, 1911,

Borough of Brooklyn.

CONTRACT NO. 1279.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR BUILDING A NEW STEEL FREIGHT SHED, WITH APPURTENANCES, ON THE PIER AT THE FOOT OF 33D ST., BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 330 calendar days.

The amount of security required is $100,000.

The bidder shall state a price for furnishing all of the labor and material and doing all of the work called for, as the contract is entire and for a complete job, and if awarded will be awarded to the bidder whose price is the lowest for doing all the work, and whose bid is regular in all respects.

The attention of bidders is called to Article F. of the contract, which permits the Commissioner to increase the amount of work called for to an extent not to exceed five per cent.

Work must be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.
Dated May 12, 1911. m13,25

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

FRIDAY, MAY 19, 1911,

CONTRACT NO. 1273.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING GRANITE STONE FOR BULKHEAD OR RIVER WALL.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 150 calendar days.

The amount of security required is $4,700 for Class 1 and $4,300 for Class 2.

The bidder shall state a price per cubic foot for furnishing and delivering all of the granite stone called for in any class upon which a bid is submitted, and each class, if awarded, will be awarded as a separate and distinct contract to the bidder whose price per cubic foot is the lowest in the class and whose bid is regular in all respects.

The attention of bidders is called to Article K of the contract, which permits the Commissioner to increase or diminish the amount of granite called for to an extent not to exceed five per cent.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.
Dated May 6, 1911. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF DOCKS AND AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

FRIDAY, MAY 19, 1911,

CONTRACT NO. 1275.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING COAL.

The time for the completion of the work and the full performance of the contract is on or before December 31, 1911.

The amount of security required is $10,000.

The bidder shall state a price per ton for furnishing and delivering the coal called for, by which price the bids will be tested and according to which price any award of the contract will be made. The contract, if awarded, will be awarded to the bidder whose price per ton is the lowest and whose bid is regular in all respects.

The attention of bidders is called to Article E of the contract which permits the Commissioner to increase or diminish the amount of coal called for to an extent not to exceed five per cent.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.
Dated May 6, 1911. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF DOCKS AND AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

FRIDAY, MAY 19, 1911,

CONTRACT NO. 1271—CLASSES 1, 2, 3 AND 4.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING LUMBER AND PILES.

The time for the completion of the work and the full performance of the contract and the amount of security required are as follows:

Class 1—About 1,968,000 feet, board measure, of sawed new yellow pine lumber, the sum of $20,000; 120 calendar days.

Class 2—For miscellaneous lumber, the sum of $2,400; 90 calendar days.

Class 3—2,000 yellow pine piles, the sum of $12,000; 120 calendar days.

Class 4—1,000 yellow pine piles, the sum of $3,000; 90 calendar days.

The bidders shall state a price per thousand feet, board measure, under Class 1; a total or aggregate price under Class 2; and a price per pile under Classes 3 and 4. The bids will be tested in each class by the prices hereinbefore stated and each class of the contract, if awarded, will be awarded to the bidder whose price in that particular class is the lowest and whose bid is regular in all respects.

The attention of bidders is called to Article K of the contract, which permits the Commissioner to increase or diminish the amount of material called for to an extent not to exceed five per cent.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.
Dated May 6, 1911. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF DOCKS AND AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

FRIDAY, MAY 19, 1911,

CONTRACT NO. 1272.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING ABOUT 750 HOURS' SERVICES OF TUGS ON THE NORTH AND EAST RIVERS, AND WATERS WITHIN THE LIMITS OF THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is on or before December 31, 1911.

The amount of security required is $1,800.

The bidder will state a price per hour for furnishing the tugboats as called for in the specifications, by which price the bids will be tested, and award, if made, will be made to the bidder whose price per hour is the lowest and whose bid is regular in all respects.

The attention of bidders is called to Article O of the contract, which permits the Commissioner to increase or diminish the services required to an extent not to exceed five per cent.

Services will be required at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.
Dated May 6, 1911. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 11 o'clock a. m., on

MONDAY, MAY 29, 1911,

Boroughs of The Bronx and Manhattan.

No. 3. FOR REPAIRS, ALTERATIONS AND ADDITIONS TO THE ELECTRIC EQUIPMENT IN PUBLIC SCHOOLS 4, 20, 24, 31, 32, 34 AND 35, BOROUGH OF THE BRONX, AND PUBLIC SCHOOLS 39 AND 103, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on each school will be until August 31, 1911, as provided in the contract.

The amount of security required is as follows: P. S. 4, $100; P. S. 20, $100; P. S. 24, $100; P. S. 31, $2,000; P. S. 32, $2,000; P. S. 34, $100; P. S. 35, $300; P. S. 39, $600; P. S. 103, $3,000.

A separate proposal must be submitted for each school and award will be made thereon.

Borough of Manhattan.

No. 4. FOR REPAIRING AND REFINISHING OLD FURNITURE AT PUBLIC SCHOOLS 2, 7, 8, 26, 31, 45, 112, 113, 124, 177, ANNEXES TO WASHINGTON IRVING HIGH SCHOOL (12TH AND 13TH STS.), BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on all schools will be on or before August 31, 1911, as provided in the contract.

The amount of security required is $2,000.

The bid to be submitted must include the entire work on all schools and award will be made thereon.

No. 5. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 5, 9, 10, 43, 46, 52, 54, 81, 93, 132, 157, 165, 166, 169, 170, 179, 184, 186, AND WADLEIGH HIGH SCHOOL, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on each school will be 55 working days as provided in the contract.

The amount of security required is as follows: P. S. 5, $400; P. S. 9, $200; P. S. 10, $400; P. S. 43, $500; P. S. 46, $800; P. S. 52, $100; P. S. 54, $500; P. S. 81, $600; P. S. 93, $500; P. S. 132, $100; P. S. 157, $700; P. S. 165, $500; P. S. 166, $100; P. S. 169, $100; P. S. 170, $1,000; P. S. 179, $600; P. S. 184, $400; P. S. 186, $200; W. H. S., $400.

A separate proposal must be submitted for each school and award will be made thereon.

No. 6. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOL 94, 68TH ST. AND AMSTERDAM AVE., BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 55 working days as provided in the contract.

The amount of security required is $500.

No. 7. FOR ADDITIONS, ALTERATIONS AND REPAIRS TO SANITARY WORK IN PUBLIC SCHOOLS 12, 21, 23, 32, 41, 58, 64, 67, 92, 165 AND 168, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on each school will be 35 working days as provided in the contract.

The amount of security required is as follows: P. S. 12, $500; P. S. 21, $800; P. S. 23, $200; P. S. 32, $200; P. S. 41, $100; P. S. 58, $100; P. S. 64, $800; P. S. 67, $100; P. S. 92, $800; P. S. 165, $100; P. S. 168, $200.

A separate proposal must be submitted for each school and award will be made thereon.

Borough of Queens.

No. 8. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 12, 14, 15, 16, 17, 17 ANNEX, 19, 67, 68, 71, 72, 74, 78, 81, 86, 87, 88 AND 89, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each school will be until September 1, 1911, as provided in the contract.

The amount of security required is as follows: P. S. 12, $200; P. S. 14, $300; P. S. 15, $100; P. S. 16, $100; P. S. 17, $100; P. S. 17 Annex, $300; P. S. 19, $200; P. S. 67, $100; P. S. 68, $200; P. S. 71, $100; P. S. 72, $100; P. S. 74, $200; P. S. 78, $100; P. S. 81, $300; P. S. 86, $100; P. S. 87, $500; P. S. 88, $100; P. S. 89, $100.

A separate proposal must be submitted for each school and award will be made thereon.

No. 9. FOR IMPROVING THE SANITARY CONDITION, ETC., OF PUBLIC SCHOOLS 20, 35, 51, 67, 81 AND 83, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each school will be until September 1, 1911, as provided in the contract.

The amount of security required is as follows: P. S. 20, $200; P. S. 35, $100; P. S. 51, $100; P. S. 67, $1,400; P. S. 81, $100; P. S. 83, $500.

A separate proposal must be submitted for each school and award will be made thereon.

On Nos. 4 and 6 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

On Nos. 3, 5, 7, 8 and 9 the bidders must state the price of each item by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at branch office, 69 Broadway, Flushing, Borough of Queens, for work for their respective Boroughs.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated May 17, 1911. m17,29

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 11 o'clock a. m., on

MONDAY, MAY 29, 1911,

Borough of Brooklyn.

No. 1. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 3, 35, 41, 44, 56, 66, 70, 73, 83, 84, 85, 106, 113, 125, 137, 144, GIRLS' HIGH SCHOOL AND COMMERCIAL HIGH SCHOOL, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be 55 working days, as provided in the contract.

The amount of security required is as follows: P. S. 3, $600; P. S. 35, $1,000; P. S. 41, $300; P. S. 44, $1,400; P. S. 56, $300; P. S. 66, $300; P. S. 70, $200; P. S. 73, $300; P. S. 83, $500; P. S. 84, $800; P. S. 85, $1,200; P. S. 106, $600; P. S. 113, $300; P. S. 125, $800; P. S. 137, $900; P. S. 144, $1,000; G. H. S., $1,500; C. H. S., $400.

A separate proposal must be submitted for each school and award will be made thereon.

No. 2. FOR FIREPROOF STAIRWAYS, ETC., AT PUBLIC SCHOOLS 23, 24, 41, 52 AND 70, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be 55 working days, as provided in the contract.

The amount of security required is as follows: P. S. 23, $1,200; P. S. 24, $2,500; P. S. 41, $2,000; P. S. 52, $3,000; P. S. 70, $4,000.

A separate proposal must be submitted for each school and award will be made thereon.

On Nos. 1 and 2, the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at branch office, 131 Livingston st., Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated May 17, 1911. m17,29

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 11 o'clock a. m., on

MONDAY, MAY 22, 1911,

Borough of Brooklyn.

No. 1. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 2, 4, 10, 13, 27, 30, 32, 39, 40, 46, 77, 107, 130, 131, 136, 142, 146, MANUAL TRAINING HIGH SCHOOL AND MANUAL TRAINING HIGH SCHOOL ANNEX, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be fifty-five working days, as provided in the contract.

The amount of security required is as follows: P. S. 2, $400; P. S. 4, $400; P. S. 10, $400; P. S. 13, $300; P. S. 27, $600; P. S. 30, $500; P. S. 32, $200; P. S. 39, $700; P. S. 40, $500; P. S. 46, $400; P. S. 77, $600; P. S. 107, $300; P. S. 130, $500; P. S. 131, $400; P. S. 136, $200; P. S. 142, $300; P. S. 146, $1,000; M. T. H. S., $900; M. T. H. S. An., $400.

A separate proposal must be submitted for each school and award will be made thereon.

No. 2. FOR FURNITURE, ETC., FOR NEW ADDITIONS TO ERASMUS HALL HIGH SCHOOL, ON FLATBUSH AVE., NEAR CHURCH AVE., BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 90 working days, as provided in the contract.

The amount of security required is as follows: Item 1, $4,000; Item 2, $1,000; Item 3, $1,500; Item 4, $1,000; Item 5, $4,000.

A separate proposal must be submitted for each item, and award will be made thereon.

On Nos. 1 and 2, the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th Floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at Branch Office, 131 Livingston st., Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated May 10, 1911. m10,22

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 11 o'clock a. m., on

MONDAY, MAY 29, 1911,

Various Boroughs.

No. 10. FOR FURNISHING AND DELIVERING MATERIALS FOR THE USE OF MECHANICS (ELECTRICAL DIVISION, BUILDING BUREAU), IN THE PUBLIC SCHOOLS OF THE CITY OF NEW YORK, IN THE BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN, QUEENS AND RICHMOND.

No. 11. FOR FURNISHING AND DELIVERING MATERIALS FOR THE USE OF MECHANICS (HEATING DIVISION, BUILDING BUREAU), IN THE PUBLIC SCHOOLS OF THE CITY OF NEW YORK, IN THE BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN, QUEENS AND RICHMOND.

The time for the delivery of the materials and the performance of the contract is by or before the 31st day of December, 1911.

Security: Each bid or estimate must be accompanied by a certified check or cash to the amount of two and a half (2½%) per centum of the amount of the total aggregate cost of all items bid upon.

In case the aggregate cost of all items awarded to any one contractor is less than one thousand dollars ($1,000), no bond, contract or sureties will be necessary for such contractor. In case the aggregate cost of all items bid upon by one contractor is less than five hundred dollars ($500), no sureties need be provided by such contractor when bidding.

Only one bid will be received from a bidder for each item.

Note.—The attention of all intending bidders is expressly called to pages 1, 2 and 3 of the printed specifications.

The bidders must state the price of each item contained in the printed specifications, by which the bids will be tested.

Award will be made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms, printed specifications and further information may be obtained at the office of the Superintendent of School Buildings, at Estimating Room, 9th floor, Hall of the Board of Education, 59th st. and Park ave., Borough of Manhattan.

Dated May 17, 1911.

C. B. J. SNYDER, Superintendent of School Buildings. m17,29

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings, at the above office of the Department of Education, until 11 o'clock a. m. on

MONDAY, MAY 22, 1911,

Borough of The Bronx.

No. 3. FOR INSTALLING ELECTRIC EQUIPMENT IN THE ADDITION TO AND ALTERATIONS IN PUBLIC SCHOOL 40, ON PROSPECT AVE., JENNINGS ST. AND RITTER PLACE, BOROUGH OF THE BRONX.

The time allowed to complete the whole work will be seventy working days.

The amount of security required is $1,600.

On No. 3 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated May 10, 1911. m10,22

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOROUGH OF RICHMOND.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond at the above office until 12 o'clock m., on

TUESDAY, MAY 23, 1911,

Borough of Richmond.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REGULATING AND REPAVING WITH BITUMINOUS CONCRETE PAVEMENT, THE ROADWAYS OF BURGER AVE., FROM RICHMOND TERRACE TO HENDERSON AVE., AND OTHER STREETS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

7,700 square yards of bituminous concrete pavement, with five (5) years' maintenance.

1,780 square yards of old foundation, prepared.

830 cubic yards of concrete foundation.

610 linear feet of new 5-inch by 16-inch bluestone curbstone, furnished and set.

500 square feet of old sidewalk, relaid.

30 linear feet of roof leader outlets relaid.

470 square yards of vitrified brick pavement, including sand bed, and laid with cement grout joints, with five (5) years' maintenance.

The time for the completion of the work, and the full performance of the contract is fifty (50) days.

The amount of security required is Six Thousand Dollars ($6,000).

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REGULATING AND REPAVING WITH BITUMINOUS MACADAM PAVEMENT, THE ROADWAYS OF YOUNG ST., FROM TARGEE ST. TO VAN DUZER ST., AND OTHER STREETS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

19,700 square yards of bituminous macadam pavement, with one (1) year's maintenance.

10 cubic yards of concrete foundation.

The time for the completion of the work, and the full performance of the contract is seventy-five (75) days. The amount of security required is Twelve Thousand Dollars ($12,000).

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REGULATING AND REPAVING WITH BITUMINOUS MACADAM PAVEMENT, THE ROADWAYS OF JAMES ST. FROM SHARPE AVE. TO A POINT ABOUT 182 FEET EAST OF ELM ST., AND OTHER STREETS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

11,100 square yards of bituminous macadam pavement, with one (1) year maintenance.

10 cubic yards of concrete foundation.

The time for the completion of the work, and the full performance of the contract is forty (40) days. The amount of security required is Seven Thousand Dollars ($7,000).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the Engineer. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the Engineer of the Borough of Richmond, Borough Hall, St. George, S. I.

GEORGE CROMWELL, President.

The City of New York, May 11, 1911. m12,23

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond at the above office until 12 o'clock m., on

TUESDAY, MAY 23, 1911,

Borough of Richmond.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REGULATING AND REPAVING THE ROADWAYS OF CEDAR ST., FROM BROAD ST. TO BOYD ST., AND OTHER STREETS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

20,500 square yards of bituminous concrete pavement, with five (5) years' maintenance.

9,380 square yards of old foundation, prepared.

1,410 cubic yards of concrete foundation.

The time for the completion of the work, and the full performance of the contract is one hundred (100) days. The amount of security required is Fifteen Thousand Dollars ($15,000).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the Engineer. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the Engineer of the Borough of Richmond, Borough Hall, St. George, S. I.

GEORGE CROMWELL, President.

The City of New York, May 4, 1911. m10,23

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOARD OF ASSESSORS.

PUBLIC NOTICE IS HEREBY GIVEN TO all persons claiming to have been injured by a change of grade in the regulating and grading of the following named streets to present their claims, in writing, to the Secretary of the Board of Assessors, 320 Broadway, on or before May 31, 1911, at 11 o'clock a. m., at which place and time the said Board of Assessors will receive evidence and testimony of the nature and extent of such injury. Claimants are requested to make their claims for damages upon the blank form prepared by the Board of Assessors, copies of which may be obtained upon application at the above office:

Borough of Manhattan.

1857. Delancey st. (new), from Bowery to Lafayette st.

1859. 151st st., between Broadway and Riverside drive.

Borough of The Bronx.

1851. 171st st., between Webster and Clay aves.

1855. Wyatt st., from Devoe or Tremont aves. to Morris Park ave.

1856. 231st st., between Bailey and Riverdale aves.

1848. Meriam ave., from Ogden ave. to Aqueduct ave.

Borough of Queens.

1846. Van Wyck ave., from Chichester ave. north to the L. I. R. R., First Ward.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, May 16, 1911. m16,26

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of Manhattan.

1791. Sewer in 176th st., between Wadsworth and St. Nicholas aves.

Affecting Block No. 2144.

1792. Sewer in Riverside drive, between 86th and 87th sts.

Affecting Block No. 1248.

1793. Sewer in Terrace View ave., between end of present sewer and Adrian ave.

Affecting Block No. 3402.

1794. Sewer on the east side of 3d ave., between 21st and 22d sts.

Affecting Block No. 902.

Borough of The Bronx.

1784. Paving and curbing E. 167th st., between Union and Prospect aves.

1785. Paving and curbing Oakland place, between Belmont and Prospect aves.

1786. Regulating, grading, curbing, flagging, etc., Powers ave., from E. 141st st. to St. Marys st.

1805. Paving and curbing W. 165th st., between Anderson and Lind aves.

1807. Regulating, grading, curbing, flagging, etc., Wayne ave., from Reservoir Oval West to Gun Hill road.

1823. Regulating, grading, curbing, flagging, etc., Bronx boulevard, from Bronx and Pelham parkway to Burke st.

1824. Regulating, grading, curbing, flagging, etc., Mosholu Parkway North, between Perry and Jerome aves.

1827. Paving Vyse (st.) ave. and curbing, between Home and E. 172d sts.

The area of assessment in the above lists extends to one half the block at the intersecting streets and avenues.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before June 13, 1911, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, May 13, 1911. m13,24

DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL, CENTRAL PARK, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS WILL BE RECEIVED BY the Park Commissioner at the above office of the Department of Parks, until 12 o'clock m. on

FRIDAY, MAY 26, 1911,

FOR THE PRIVILEGE OF SELLING REFRESHMENTS (SPIRITOUS LIQUORS EXCEPTED), AT THE DAIRY, CENTRAL PARK, DURING THE SUMMER AND FALL OF THE PERIOD FROM JUNE 1, 1911, TO DECEMBER 31, 1911, UNLESS SOONER REVOKED.

No bids will be considered unless accompanied by a certified check or money to the amount of one-quarter of the sum bid for the rent and privilege. Balance of rent to be paid in three subsequent payments on the first of each of the succeeding three months.

The bids will be compared and the privilege will be awarded to the highest responsible bidder. The Commissioner reserves the right to reject any or all bids.

Form of proposal and full information as to bidding can be obtained at the Arsenal, Central Park, New York City.

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

May 16, 1911. m17,26

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, MAY 25, 1911,

Borough of Manhattan.

FOR FURNISHING AND DELIVERING FIVE HUNDRED BARRELS OF EMULSIFYING ROAD SPRINKLING OIL.

The time allowed to complete the work will be sixty consecutive working days.

The amount of security required is Six Hundred Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Samples may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m15,25

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, MAY 25, 1911,

Borough of Manhattan.

FOR FURNISHING AND DELIVERING 800 CUBIC YARDS OF COW BAY SAND WHERE REQUIRED ON RIVERSIDE DRIVE.

The time allowed for the completion of this contract is as required within sixty days.

The amount of the security required is Seven Hundred and Fifty Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m15,25

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m. on

THURSDAY, MAY 18, 1911,

Borough of Brooklyn.

FOR CONSTRUCTING BUSHWICK PLAYGROUND, BOUNDED BY PUTNAM AVE. AND WOODBINE ST. EXTENSION, BETWEEN KNICKERBOCKER AVE. AND IRVING AVE., BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be ninety days.

The amount of the security required is Eight Thousand Dollars ($8,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on.

THURSDAY, MAY 18, 1911,

Borough of Manhattan.

FOR FURNISHING AND DELIVERING MACADAM ASPHALT BINDER FOR USE ON PARKS AND PARKWAYS IN THE BOROUGH OF MANHATTAN.

The time allowed for the completion of this contract is within sixty days.

The amount of security required is Fifteen Hundred Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES P. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, MAY 18, 1911,

Borough of The Bronx.

FOR ALTERATIONS TO, AND INSTALLING ELECTRIC POWER EQUIPMENT IN, THE WORKSHOPS IN BRONX PARK, IN THE CITY OF NEW YORK.

The time for the completion of the contract is thirty (30) consecutive working days.

The amount of security required is Seven Hundred Dollars ($700).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m. on

THURSDAY, MAY 18, 1911,

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FORAGE AT PROSPECT PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be until December 31, 1911.

The amount of the security required is Two Thousand Dollars ($2,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m. on

THURSDAY, MAY 18, 1911,

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FRESH BEEF AND FISH AT MENAGERIE, PROSPECT PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be until December 31, 1911.

The amount of the security required is Five Hundred Dollars ($500).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m. on

THURSDAY, MAY 18, 1911,

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING ONE THOUSAND (1,000) BARRELS OF EMULSIFYING ROAD SPRINKLING OIL AT PROSPECT PARK AND GRAVEL PIT, OCEAN PARKWAY, NEAR AVENUE P, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be sixty days.

The amount of the security required is Two Thousand Dollars ($2,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, Commissioners of Parks. m6,18

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOROUGH OF QUEENS.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3D FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 a. m. on

FRIDAY, MAY 19, 1911,

No. 1. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN LEFFERTS AVE. FROM ULSTER AVE. TO ROCKAWAY ROAD AND A STORM WATER SEWER AND APPURTENANCES IN ROCKAWAY ROAD, FROM LEFFERTS AVE. TO PANAMA ST., FOURTH WARD.

The Engineer's estimate of the quantities is as follows:

1,000 linear feet 8 foot 6 inch reinforced concrete sewer.

1,280 linear feet 8 foot by 9 foot reinforced concrete sewer.

1 junction chamber complete, as shown on plan.

12 manholes complete.

50 cubic yards rock excavated and removed.

5,000 feet, board measure, timber for foundation.

10,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be two hundred (200) working days.

The amount of security required will be Fifty Thousand Dollars ($50,000).

No. 2. REBUILDING SEWER COVER AND APPURTENANCES OVER THE SEWER PROJECTING INTO THE EAST RIVER AT THE FOOT OF BROADWAY, FIRST WARD.

The Engineer's estimate of the quantities is as follows:

147,250 pounds structural steel in place as shown on plan.

28,000 pounds steel for reinforcement in place as shown on plan.

300 cubic yards concrete for cover in place as shown on plan.

2 special manhole covers, including steps, in place as shown on map.

Removal of old timber deck and beams.

100 cubic yards concrete in place for side walls, including removal of loose stone and old rubble wall.

550 square yards of old wall to be pointed up and plastered with cement mortar.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Four Thousand Dollars ($4,000).

No. 3. FOR DREDGING A CHANNEL AT THE FOOT OF FIFTH AVE., FROM THE END OF THE EXISTING SEWER, 1,700 FEET OUT INTO FLUSHING BAY, THIRD WARD.

The Engineer's estimate of the quantities is as follows:

5,500 cubic yards mud, etc., dredged and removed.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500).

No. 4. FOR CONSTRUCTING SEWER AND APPURTENANCES IN THE BOULEVARD, FROM WEBSTER AVE. TO THE CROWN NORTH OF PAYNTAR AVE., FIRST WARD.

The Engineer's estimate of the quantities is as follows:

1,080 linear feet 12-inch vitrified salt glazed pipe sewer.

24 linear feet 18-inch cast iron pipe.

15 linear feet 12-inch vitrified salt glazed culvert pipe.

7 manholes complete.

2 receiving basins complete.

600 cubic yards rock excavated.

50 cubic yards concrete in place.

2,000 feet, board measure, timber for foundation.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Twenty-five Hundred Dollars ($2,500).

No. 5. FOR CONSTRUCTING SEWER AND APPURTENANCES IN MONSON ST., FROM FULTON ST. TO FRANKLIN ST., FIRST WARD.

The Engineer's estimate of the quantities is as follows:

720 linear feet 12-inch vitrified salt glazed pipe sewer.

17 linear feet 12-inch vitrified salt glazed culvert pipe.

500 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.

6 manholes complete.
1 receiving basin complete.
1,000 cubic yards rock excavated and removed.
1,000 feet, board measure, timber for foundation.
2,000 feet, board measure, timber for bracing and sheet piling
The time allowed for completing the above work will be sixty (60) working days.
The amount of security required will be Twenty-five Hundred Dollars ($2,500).
The bidder must state the price of each item or article contained in the specifications or schedules herein contained or hereafter annexed, per square yard, linear foot or other unit of measure by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum.
Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.
Dated, Long Island City, May 8, 1911.
LAWRENCE GRESSER, President of the Borough of Queens. m8,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, MAY 25, 1911,

FOR FURNISHING AND DELIVERING LINSEED OIL TO THE BROOKLYN BRIDGE.
Delivery shall be made as required and completed by August 1, 1911.
In case the contractor shall fail to deliver any oil within five days, Sundays and holidays excluded, after he has been notified that it will be required, then he shall pay to The City of New York, as liquidated damages for such delay, the sum of Twenty Dollars ($20) for each and every day until the delivery is made.
The amount of security to guarantee the faithful performance of the work will be One Thousand Five Hundred Dollars ($1,500).
The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.
Blank forms and specifications may be obtained at the office of the Department of Bridges.
KINGSLEY L. MARTIN, Commissioner.
Dated May 9, 1911. m13,25

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF BRIDGES, 13-21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

THE COMMISSIONER OF BRIDGES WILL sell at public auction at the Brooklyn Bridge Yard, corner of Dock and Water sts., Borough of Brooklyn, on

FRIDAY, JUNE 2, 1911,

at 10.30 a. m.
A QUANTITY OF OLD ROADWAY PLANK AND LUMBER, AT A LUMP SUM PRICE BID FOR THE LOT.

TERMS OF SALE.

The whole of the purchase price bid and the auctioneer's fees shall be paid by the successful bidder, in cash or bankable funds, at time of sale; and the purchaser must remove from the yard, within twenty days from the date of the sale, all the material purchased. Sorting the lumber on the premises will not be permitted.
To secure the removal of the material, the purchaser shall be required to make at the time of the sale, a cash deposit of $25, which shall be returned when all the material is removed from the yard.
The Commissioner of Bridges reserves the right to resell any of the material not removed by the purchaser within the time specified.
Full information may be obtained upon application to the Engineer's Office, Brooklyn Bridge, 179 Washington st., Brooklyn.
KINGSLEY L. MARTIN, Commissioner of Bridges.
BRYAN L. KENNELLY, Auctioneer. m12,j2

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, JUNE 1, 1911,

FOR THE STRENGTHENING OF THE END SPANS OF THE WILLIAMSBURG BRIDGE, OVER THE EAST RIVER, BETWEEN THE BOROUGHS OF MANHATTAN AND BROOKLYN.
The Contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications within four hundred (400) consecutive working days.
In case the Contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of Two Hundred Dollars ($200) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.
The amount of security to guarantee the faithful performance of the work will be One Hundred and Fifty Thousand Dollars ($150,000).
The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.
Blank forms and specifications may be obtained at the office of the Department of Bridges.
KINGSLEY L. MARTIN, Commissioner.
Dated April 25, 1911. a26,j1

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

SUPREME COURT—FIRST DEPARTMENT.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of the UNNAMED STREET, adjoining Riverside drive on the east, and extending from West One Hundred and Seventy-seventh street at Riverside drive to West One Hundred and Eighty-first street, at Buena Vista avenue, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:
First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 7th day of June, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 8th day of June, 1911, at 3 o'clock p. m.
Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 7th day of June, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 9th day of June, 1911, at 3 o'clock p. m.
Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 11th day of February, 1911, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:
Beginning at a point on the easterly line of the unnamed street where it is intersected by the northerly line of West One Hundred and Seventy-seventh street, and running thence generally northwardly along the easterly line of the unnamed street to the angle point at West One Hundred and Eighty-first street; thence eastwardly along the southerly line of the unnamed street to the intersection with the westerly line of Buena Vista avenue; thence southwardly along the westerly line of Buena Vista avenue to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of the unnamed street as the street is laid out where it adjoins Buena Vista avenue, the said distance being measured at right angles to the unnamed street; thence westwardly along the said line parallel with the unnamed street to a point distant 100 feet easterly from its easterly side, the said distance being measured at right angles to the unnamed street; thence generally southwardly and always distant 100 feet easterly from and parallel with the easterly line of the unnamed street, as this street is laid out south of the angle point at West One Hundred and Eighty-first street, to the intersection with a line at right angles to the unnamed street and passing through the point of beginning; thence westwardly along the said line at right angles to the unnamed street to the point or place of beginning.
Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 8th day of June, 1911.
Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 30th day of June, 1911, at the opening of the Court on that day.
Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.
Dated Borough of Manhattan, New York, May 15, 1911.
DENNIS O. L. COHALAN, Chairman; HENRY P. KEITH, JOSEPH LAZARUS, Commissioners of Estimate; HENRY P. KEITH, Commissioner of Assessment.
JOEL J. SQUIER, Clerk. m18,j5

FIRST DEPARTMENT.

In the matter of the application of the Board of Street Opening and Improvement of The City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title for the use of the public to all or any of the lands and property now owned by the corporation of The City of New York, including any rights, terms, easements and privileges or interest pertaining thereto, which are not subject to extinguishment or termination by public authority, required for EXTERIOR STREET, extending along the westerly shore of the East River, in The City of New York, from the centre line of East Sixty-fourth street, as such line is and would be if extended eastwardly into the East River, to the northerly line of East Eighty-first street, as such line is and would be if extended eastwardly into the East River, in the Nineteenth Ward, in The City of New York, pursuant to the plans heretofore determined upon by the Board of the Department of Docks and adopted by the Commissioners of the Sinking Fund and the profiles thereto fixed and determined by the Department of Docks, with the concurrence of the Commissioner of Public Works.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 31st day of May, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.
Dated Borough of Manhattan, New York, May 17, 1911.
FRANK HENDRICK, GILBERT H. MONTAGUE, GEO. H. CORNISH, Commissioners of Estimate and Assessment.
JOEL J. SQUIER, Clerk. m17,27

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands, and lands, wharf property, wharfage rights, terms, easements, emoluments and privileges necessary to be taken for the improvement of the water front of The City of New York on the North River, between West Fifteenth and West Eighteenth streets, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks, and approved by the Commissioners of the Sinking Fund, and the North River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A BILL of costs, charges and expenses, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Court House in The City of New York, Borough of Manhattan, on the 25th day of May, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.
Dated New York, May 12, 1911.
JOSEPH M. SCHENCK, Clerk. m13,24

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of a new street adjoining the easterly side of and parallel with the Manhattan approach of the Manhattan Bridge, between Forsyth street and East Broadway, and a new street adjoining the westerly side of and parallel with the Manhattan approach of the Manhattan Bridge, between Bayard street and East Broadway (not yet named by proper authority), in the Borough of Manhattan, in The City of New York.

NOTICE IS HEREBY GIVEN THAT A BILL of costs, charges and expenses, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Court House in The City of New York, Borough of Manhattan, on the 25th day of May, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.
Dated New York, May 12, 1911.
JOSEPH M. SCHENCK, Clerk. m13,24

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of DAVIDSON AVENUE, from Grand avenue to West One Hundred and Seventy-seventh street; of GRAND AVENUE, from Macombs road to Tremont avenue; of WEST ONE HUNDRED AND SEVENTY-SIXTH STREET, from Macombs road to Jerome avenue, and of WEST ONE HUNDRED AND SEVENTY-SEVENTH STREET, from Jerome avenue to Tremont avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held at Part III. thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 26th day of May, 1911, at the opening of Court on that day, or as soon thereafter as Counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.
The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Davidson avenue, from Grand avenue to West One Hundred and Seventy-seventh street; of Grand avenue, from Macombs road to Tremont avenue; of West One Hundred and Seventy-sixth street, from Macombs road to Jerome avenue, and of West One Hundred and Seventy-seventh street, from Jerome avenue to Tremont avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Grand Avenue.

Beginning at a point in the eastern line of Macombs road distant 1,359.81 feet southerly from a point of compound curve at Tremont avenue and Macombs road;
1. Thence southerly along the eastern line of Macombs road for 110.29 feet;
2. Thence easterly deflecting 133° 30′ 00″ to the left for 447.42 feet;
3. Thence northeasterly deflecting 45° 10′ 11″ to the right for 740.29 feet;
4. Thence westerly deflecting 104° 25′ 39″ to the left for 82.60 feet.
5. Thence southwesterly deflecting 75° 34′ 21″ to the left for 686.43 feet;
6. Thence westerly for 338.23 feet to the point of beginning.

Davidson Avenue.

Beginning at a point in the southern line of Grand avenue, as being legally acquired herewith, distant 447.42 feet easterly from the intersection of said line with the easterly line of Macombs road;
1. Thence easterly on the prolongation of the southern line of Grand avenue, as being legally acquired herewith, for 366.61 feet;
2. Thence northeasterly deflecting 45° 10′ 11″ to the left for 548.72 feet;
3. Thence westerly deflecting 104° 25′ 39° to the left for 61.95 feet;
4. Thence southwesterly deflecting 75° 34′ 21″ to the left for 508.32 feet;
5. Thence westerly deflecting 45° 10′ 11″ to the right for 282.01 feet;
6. Thence southerly for 84.60 feet to the point of beginning.

West One Hundred and Seventy-Sixth Street.

Beginning at a point in the eastern line of Macombs road distant 447.75 feet southerly from a point of compound curve at Tremont avenue and Macombs road;
1. Thence southerly along the eastern line of Macombs road for 61.20 feet;
2. Thence easterly deflecting 78° 39′ 18″ to the left for 1,068.43 feet to the western line of Jerome avenue;
3. Thence northerly along the last-mentioned line for 61.95 feet;
4. Thence westerly for 1,095.91 feet to the point of beginning.

West One Hundred and Seventy-seventh Street.

Parcel "A."

Beginning at a point in the eastern line of Davidson avenue distant 707.64 feet southwesterly from the intersection of said line with the southern line of Tremont avenue;
1. Thence southwesterly along the eastern line of Davidson avenue for 63.94 feet;
2. Thence easterly deflecting 110° 13′ 30″ to the left for 172.25 feet to the western line of Jerome avenue;
3. Thence northerly along last-mentioned line for 63.18 feet;
4. Thence westerly for 169.94 feet to the point of beginning.

Parcel "B."

Beginning at a point in the western line of Davidson avenue distant 691.93 feet southwesterly from the intersection of said line with the southern line of Tremont avenue;
1. Thence southwesterly along the western line of Davidson avenue for 63.94 feet;
2. Thence westerly deflecting 69° 46′ 30″ to the right for 68.81 feet;
3. Thence northwesterly curving to the right on the arc of a circle 83.67 feet radius and tangent to the preceding course for 160.94 feet;
4. Thence northerly curving to the left on the arc of a circle of 380.0 feet radius for 138.52 feet to a point of reverse curve along Tremont avenue;
5. Thence northerly curving to the right along Tremont avenue on the arc of a circle of 451.62 feet radius for 9.22 feet;
6. Thence southeasterly curving to the right on the arc of a circle of 65.81 feet radius for 103.10 feet to a point of compound curve the radius of said circle drawn westerly from its western extremity deflects 82° 20′ 51″ to the left from the prolongation of the radius of the preceding course drawn through its northern extremity;
7. Thence southerly curving to the right on the arc of a circle of 440 feet radius for 94.51 feet to a point of reverse curve;
8. Thence easterly curving to the left on the arc of a circle of 23.67 feet radius for 45.53 feet;
9. Thence easterly on a line tangent to the preceding course for 90.92 feet to the point of beginning.

Davidson avenue, Grand avenue, West One Hundred and Seventy-sixth street and West One Hundred and Seventy-seventh street are shown on a map or plan entitled "Map or Plan showing the change of street system and the grades in the territory bounded by Featherbed lane, Macombs road, Featherbed lane, Nelson avenue, Macombs road, Aqueduct avenue, Tremont avenue (West One Hundred and Seventy-seventh street) and Jerome avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York. Prepared by the President of the Borough of The Bronx, under authority of Chapter 466 of the Laws of 1901," which map was filed in the office of the President of the Borough of The Bronx on August 1, 1907, in the office of the Register of the County of New York on July 27, 1907, as Map No. 1192, and in the office of the Counsel to the Corporation of The City of New York on July 27, 1907, in pigeon-hole 85.
West One Hundred and Seventy-sixth street and West One Hundred and Seventy-seventh street are shown on Section 15 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of The City of New York, on December 16, 1895, in the office of the Register of the County of New York on December 17, 1895, as Map No. 1065, and in the office of the Secretary of State of the State of New York on December 17, 1895.
West One Hundred and Seventy-seventh street is shown on a map or plan entitled "Map or plan showing the change of lines of Tremont avenue, at its intersection with Grand avenue, amending thereby the map changing the street system of that portion of the Borough of The Bronx, bounded by Featherbed lane, Macombs road, Tremont avenue, West One Hundred and Seventy-seventh street and Jerome avenue, adopted by the Board of Estimate and Apportionment April 5, 1907. Prepared by the President of the Borough of The Bronx under authority of Chapter 466 of the Laws of 1901," which map was filed in the office of the President of the Borough of The Bronx on September 22, 1909, in the office of the Register of the County of New York on September 22, 1909, as Map No. 1363, and in the office of the Counsel to the Corporation of The City of New York on September 23, 1909, in pigeon-hole 125.
Land to be taken for Davidson avenue, Grand avenue, West One Hundred and Seventy-sixth street, and West One Hundred and Seventy-seventh street is located in Blocks 2861, 2862, 2865, 2866 and 2867 of Section 11 of the Land Map of The City of New York.
The Board of Estimate and Apportionment of the 17th day of December, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:
Beginning at a point on the easterly line of Tremont avenue where it is intersected by the prolongation of a line distant 325 feet northerly from and parallel with the northerly line of West One Hundred and Seventy-seventh street, as laid out between Jerome avenue and Davidson avenue, the said distance being measured at right angles to the line of West One Hundred and Seventy-seventh street, and running thence eastwardly along the said line parallel with West One Hundred and Seventy-seventh street and the prolongation of the said line to the westerly line of Jerome avenue; thence eastwardly at right angles to the line of Jerome avenue to a point distant 100 feet easterly from the easterly line of Jerome avenue; thence southwardly and always distant 100 feet from and parallel with the easterly line of Jerome avenue to the intersection with a line at right angles to Jerome avenue, and passing through a point in the westerly line of Jerome avenue where it is intersected by a line which is the bisector of the angle formed by the intersection of the prolongations of the southerly line of West One Hundred and Seventy-sixth street and the northerly line of the unnamed street located between West One Hundred and Seventy-sixth street and Featherbed lane and extending from Davidson avenue to Jerome avenue; thence westwardly along the said line at right angles to Jerome avenue to the westerly line of Jerome avenue; thence westwardly along the aforesaid bisecting line to the intersection with a line midway between Davidson avenue and Jerome avenue as laid out immediately south of West One Hundred and Seventy-sixth street; thence southwardly along the said line midway between Davidson avenue and Jerome avenue and the prolongation of the said line to the intersection with a line which is the bisector of the angle formed by the intersection of the prolongations of the southerly line of Davidson avenue, as laid out immediately easterly from Grand avenue, and the northerly line of Featherbed lane, as laid out between Jerome avenue and Inwood avenue; thence westwardly along the said bisecting line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Grand avenue, as laid out immediately east of Macombs road, the said distance being measured at right angles to the line of Grand avenue; thence westwardly along the said line parallel with Grand avenue

and the prolongation thereof to a point distant 100 feet westerly from the westerly line of Macombs road, the said distance being measured at right angles to the line of Macombs road; thence northwardly and always distant 100 feet from and parallel with the westerly line of Macombs road to the intersection with a line which is a normal to the easterly line of Macombs road at a point distant 225 feet northerly from its intersection with the northerly line of West One Hundred and Seventy-sixth street; thence eastwardly along the said normal line to a point distant 175 feet westerly from the westerly line of Harrison avenue, the said distance being measured at right angles to the line of Harrison avenue; thence northwardly and parallel with Harrison avenue to a point distant 100 feet northerly from the northerly line of Tremont avenue, the said distance being measured at right angles to the line of Tremont avenue; thence eastwardly and northwardly and always distant 100 feet from and parallel with the northerly and westerly line of Tremont avenue to the intersection with a line passing through the point of beginning and parallel with the line of the unnamed street immediately north of Tremont avenue and extending between Harrison avenue and Tremont avenue; thence eastwardly along the said line parallel with the said unnamed street to the point or place of beginning.

Dated New York, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m12,23

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of LELAND AVENUE, from Ludlow avenue to Patterson avenue; of SEWARD AVENUE, from Clasons Point road to White Plains road, and of THERIOT AVENUE, from Gleason avenue to Clasons Point road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held at Part III. thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 26th day of May, 1911, at the opening of Court on that day, or as soon thereafter as Counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York for the use of the public to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Leland avenue, from Ludlow avenue to Patterson avenue; of Seward avenue, from Clasons Point road to White Plains road, and of Theriot avenue, from Gleason avenue to Clasons Point road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Leland Avenue.

Parcel "A."

Beginning at a point in the northeastern line of Clasons Point road distant 6,431.02 feet southeasterly from the intersection of said line with the eastern line of Westchester avenue;

1. Thence southeasterly along the northeastern line of Clasons Point road for 146.79 feet;
2. Thence northerly deflecting 151° 31′ 05″ to the left for 3,881.95 feet;
3. Thence westerly deflecting 90° 00′ 09″ to the left for 60. feet;
4. Thence southerly deflecting 89° 59′ 51″ to the left for 3,752.92 feet;
5. Thence westerly for 10.0 feet to the point of beginning.

Parcel "B."

Beginning at a point in the southwestern line of Clasons Point road distant 6,668.33 feet southeasterly from the intersection of said line with the eastern line of Westchester avenue;

1. Thence southeasterly along the northwestern line of Clasons Point road for 146.79 feet;
2. Thence westerly deflecting 118° 28′ 55″ to the right for 10.0 feet;
3. Thence southerly deflecting 90° to the left for 595.61 feet;
4. Thence westerly deflecting 90° to the right for 60.0 feet.
5. Thence northerly for 724.63 feet to the point of beginning.

Seward Avenue.

Beginning at a point in the northeasterly line of Clasons Point road distant 4,761.74 feet southeasterly from the intersection of said line with the eastern line of Westchester avenue;

1. Thence southeasterly along the northeastern line of Clasons Point road for 180.44 feet;
2. Thence northerly deflecting 151° 31′ 05″ to the left for 78.60 feet;
3. Thence easterly deflecting 90° to the right for 1,500.00 feet;
4. Thence northerly deflecting 90° to the left for 80.0 feet;
5. Thence westerly for 1,586.05 feet to the point of beginning.

Theriot Avenue.

Beginning at a point in the northeastern line of Clasons Point road distant 5,885.81 feet southeasterly from the intersection of said line with the eastern line of Westchester avenue;

1. Thence southeasterly along the northeastern line of Clasons Point road for 146.79 feet;
2. Thence northerly deflecting 151° 31′ 05″ to the left for 3,402.71 feet;
3. Thence northerly deflecting 1° 28′ 46″ to the left for 105.04 feet;
4. Thence northerly deflecting 1° 33′ 16″ to the right for 1,598.35 feet;
5. Thence westerly deflecting 90° to the left for 60.0 feet;
6. Thence southerly deflecting 90° to the left for 1,598.43 feet;
7. Thence southerly deflecting 1° 33′ 16″ to the left for 105.04 feet;
8. Thence northerly deflecting 1° 28′ 46″ to the right for 3,273.69 feet;
9. Thence westerly for 10.0 feet to the point of beginning.

Leland avenue, Seward avenue and Theriot avenue are shown on Sections 39, 48 and 49 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx, under authority of Chapter 466 of the Laws of 1901, which maps were filed as follows:

Section 39, Map No. 1302, filed in the office of the President of the Borough of The Bronx, November 10, 1908; in office of the Register of the County of New York, November 9, 1908; and in office of the Corporation Counsel of The City of New York, pigeonhole 110, on or about same date.

Section 48, Map No. 1301, filed in the office of the President of the Borough of The Bronx, November 10, 1908; in the office of the Register of the County of New York, November 9, 1908; and in the office of the Corporation Counsel of The City of New York, pigeonhole 110, on or about same date.

Section 49, Map No. 1241, filed in the office of the President of the Borough of The Bronx, February 19, 1908; in the office of the Register of the County of New York, February 19, 1908; and in the office of the Corporation Counsel of The City of New York, pigeonhole 93, February 18, 1908.

Land taken for Leland avenue, Seward avenue and Theriot avenue is located east of the Bronx River.

The Board of Estimate and Aportionment, on the 7th day of May, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on a line midway between Theriot avenue and Leland avenue, distant 100 feet northerly from the northerly line of Gleason avenue, and running thence southwardly along the said line midway between Theriot avenue and Leland avenue to a point distant 100 feet northerly from the northerly line of Ludlow avenue; thence eastwardly and parallel with Ludlow avenue to the intersection with a line midway between Leland avenue and Underhill avenue; thence southwardly along the said line midway between Leland avenue and Underhill avenue to the intersection with a line midway between Lafayette avenue and Seward avenue; thence eastwardly along the said line midway between Lafayette avenue and Seward avenue to the intersection with a line midway between White Plains road and Newman avenue; thence southwardly along the said line midway between White Plains road and Newman avenue to the intersection with a line midway between Seward avenue and Randall avenue; thence westwardly along the said line midway between Seward avenue and Randall avenue to the intersection with a line midway between Leland avenue and Underhill avenue; thence southwardly along the said line midway between Leland avenue and Underhill avenue to a point distant 100 feet southerly from the southerly line of Patterson avenue; thence westwardly and parallel with Patterson avenue to the intersection with a line midway between Theriot avenue and Leland avenue; thence northwardly along the said line midway between Theriot avenue and Leland avenue to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Clasons Point road, the said distance being measured at right angles to Clasons Point road; thence northwestwardly along the said line parallel with Clasons Point road to the intersection with a line midway between Taylor avenue and Theriot avenue; thence northwardly along the said line midway between Taylor avenue and Theriot avenue to the intersection with a line midway between Seward avenue and Randall avenue; thence westwardly along the said line midway between Seward avenue and Randall avenue to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Clasons Point road, the said distance being measured at right angles to Clasons Point road; thence northwestwardly along the said line parallel with Clasons Point road to the intersection with a line at right angles to Clasons Point road, and passing through a point on its northeasterly side where it is intersected by a line midway between Lafayette avenue and Seward avenue; thence northeastwardly along the said line at right angles to Clasons Point road to its northeasterly side; thence eastwardly along the said line midway between Lafayette avenue and Seward avenue to the intersection with a line midway between Taylor avenue and Theriot avenue; thence northwardly along the said line midway between Taylor avenue and Theriot avenue to the intersection with a line parallel with Gleason avenue and passing through the point of beginning; thence eastwardly along the said line parallel with Gleason avenue to the point or place of beginning.

Dated New York, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m12,23

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND SEVENTY-EIGHTH STREET, from Haven avenue to Buena Vista Avenue; WEST ONE HUNDRED AND SEVENTY-NINTH STREET, from Haven avenue to Buena Vista avenue, and BUENA VISTA AVENUE, from West One Hundred and Eighty-first street to the southerly line of West One Hundred and Seventy-sixth street extended, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 24th day of May, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated, Borough of Manhattan, New York, May 10, 1911.

MARTIN SAXE, JOSEPH F. McLOUGHLIN, DAVID MAXCY, Commissioners of Estimate.

JOEL J. SQUIER, Clerk. m10,20

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST TWO HUNDRED AND ELEVENTH STREET from Woodlawn road to Perry avenue, and of EAST TWO HUNDRED AND TWELFTH STREET from Jerome avenue to Woodlawn road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 29th day of May, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 1st day of June, 1911, at 4 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 29th day of May, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 2d day of June, 1911, at 4 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 8th day of October, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line midway between East Two Hundred and Twelfth street and East Two Hundred and Thirteenth street, distant 100 feet westerly from the westerly line of Jerome avenue, and running thence eastwardly along the said line midway between East Two Hundred and Twelfth street and East Two Hundred and Thirteenth street, and along the prolongations of the said line to a point distant 100 feet easterly from the easterly line of Woodlawn road, the said distance being measured at right angles to Woodlawn road; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Woodlawn road to a point distant 100 feet northerly from the northerly line of East Two Hundred and Eleventh street, the said distance being measured at right angles to East Two Hundred and Eleventh street; thence eastwardly, southwardly and eastwardly and always distant 100 feet northerly, easterly and northerly from and parallel with the northerly, easterly and northerly lines of East Two Hundred and Eleventh street, and the prolongations of the said lines, to the intersection with the prolongation of a line midway between Perry avenue and Hull avenue; thence southwardly along the said line midway between Perry avenue and Hull avenue, and along the prolongation of the said line, to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of East Two Hundred and Eleventh street and the northerly line of Gun Hill road, as these streets are laid out between Perry avenue and Hull avenue; thence westwardly along the said bisecting line to the intersection with the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of East Two Hundred and Eleventh street as this street is laid out northerly from and adjoining Putnam avenue; thence northwardly along the said line parallel with East Two Hundred and Eleventh street, and along the prolongation of the said line, to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of East Two Hundred and Eleventh street and the northerly line of Gun Hill road as these streets are laid out between Woodlawn road and Tryon avenue; thence westwardly along the said bisecting line to the intersection with a line midway between Rochambeau avenue and Woodlawn road; thence northwardly along the said line midway between Rochambeau avenue and Woodlawn road to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of East Two Hundred and Twelfth street and the northerly line of Gun Hill road as these streets are laid out where they adjoin Jerome avenue; thence westwardly along the said bisecting line to the intersection with a line parallel with Jerome avenue and passing through the point of beginning; thence northwardly along the said line parallel with Jerome avenue to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 1st day of June, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 30th day of June, 1911, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, May 5, 1911.

ERNEST HALL, Chairman; H. ADOLPH WINKOPP, CHARLES B. McLAUGHLIN, Commissioners of Estimate; ERNEST HALL, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m9,25

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of THE PUBLIC PARK, bounded by Convent avenue, St. Nicholas avenue and West One Hundred and Fifty-first street, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file said objections in writing duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 22d day of May, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 24th day of May, 1911, at 10 o'clock a. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 22d day of May, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 25th day of May, 1911, at 10 o'clock a. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 17th day of December, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between West One Hundred and Fifty-second street and West One Hundred and Fifty-third street, distant 100 feet easterly from the easterly line of St. Nicholas avenue, the said distance being measured at right angles to St. Nicholas avenue, and running thence eastwardly along the said line midway between West One Hundred and Fifty-second street and West One Hundred and Fifty-third street, and along the prolongation of the said line to the intersection with a line midway between St. Nicholas place and Edgecombe avenue, as these streets are laid out where they adjoin West One Hundred and Fiftieth street; thence southwardly along the said line midway between St. Nicholas place and Edgecombe avenue to the intersection with the prolongation of a line midway between West One Hundred and Fiftieth street and West One Hundred and Fifty-first street; thence westwardly along the prolongation of the said line midway between West One Hundred and Fiftieth street and West One Hundred and Fifty-first street to the intersection with the centre line of St. Nicholas place; thence southwardly along the centre line of St. Nicholas place to the intersection with the prolongation of a line midway between West One Hundred and Forty-ninth street and West One Hundred and Fiftieth street; thence westwardly along the said line midway between West One Hundred and Forty-ninth street and West One Hundred and Fiftieth street, and along the prolongation of the said line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Convent avenue, as this street is laid out between West One Hundred and Forty-ninth street and West One Hundred and Fiftieth street, the said distance being measured at right angles to Convent avenue; thence northwardly along the said line parallel with Convent avenue, and along the prolongation of the said line to the intersection with a line midway between West One Hundred and Fiftieth street and West One Hundred and Fifty-first street; thence westwardly along the said line midway between West One Hundred and Fiftieth street and West One Hundred and Fifty-first street to the intersection with a line distant 175 feet easterly from and parallel with the easterly line of Amsterdam avenue, said distance being measured at right angles to Amsterdam avenue; thence northwardly along the said line parallel with Amsterdam avenue, to the intersection with a line midway between West One Hundred and Fifty-second street and West One Hundred and Fifty-third street; thence eastwardly along the said line midway between West One Hundred and Fifty-second street and West One Hundred and Fifty-third street to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of St. Nicholas avenue, the said distance being measured at right angles to St. Nicholas avenue; thence northwardly along the said line parallel with St. Nicholas avenue to the intersection with a line midway between West One Hundred and Fifty-third street and West One Hundred and Fifty-fourth street; thence eastwardly along the said line midway between West One Hundred and Fifty-third street and West One Hundred and Fifty-fourth street, and along the prolongation of the said line to the intersection with a line parallel with St. Nicholas avenue, and passing through the point of beginning; thence southwardly along the said line parallel with St. Nicholas avenue to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 24th day of May, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 23d day of June, 1911, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 15, 1911.

ADAM WIENER, Chairman; JAMES S. MENG, WILBUR LARREMORE, Commissioners of Estimate; ADAM WIENER, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m2,18

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the widening of SEDGWICK AVENUE, between Fordham road and Bailey avenue; of BAILEY AVENUE, between Sedgwick avenue and Albany road; of ALBANY ROAD, between Bailey avenue and Van Cortlandt Park, and for the opening and extending of HEATH AVENUE, between West One Hundred and Eighty-ninth street and West One Hundred and Ninety-first street; of the PUBLIC PLACE, between Heath avenue and Bailey avenue south of West One Hundred and Ninety-first street, and the lands and premises required for the widening of KINGSBRIDGE ROAD, between Exterior street and Bailey avenue, as amended by order of this Court bearing date the 4th day of November, 1909, and entered in the office of the Clerk of the County of New York on the 6th day of November, 1909, by including therein certain additional lands required and also by excluding therefrom certain lands not required, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved

and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their supplemental and amended estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 22d day of May, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 25th day of May, 1911, at 1 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his supplemental and amended estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 22d day of May, 1911, and that the said Commissioner will hear parties so objecting and for that purpose will be in attendance at his said office on the 26th day of May, 1911, at 1 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 8th day of February, 1907, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the intersection of the prolongation of a line 100 feet south of the southerly side of East One Hundred and Eighty-first street and parallel therewith, with the easterly bulkhead line of the Harlem River, and running thence northwardly along the said easterly line of the Harlem River to the intersection with a line midway between Broadway and Exterior street; thence northeastwardly along the said line midway between Broadway and Exterior street to the northerly side of Kingsbridge road; thence northwardly at right angles to the line of the Kingsbridge road 100 feet; thence eastwardly and parallel with the Kingsbridge road to the easterly line of the land of the New York and Putnam Railway; thence northwardly and along the said easterly line of the New York and Putnam Railway to the intersection with a line distant 100 feet north of and parallel with the southerly line of Van Cortlandt Park, the said distance being measured at right angles to the said southerly line of Van Cortlandt Park; thence easterly and parallel with the southerly line of Van Cortlandt Park to the intersection with the prolongation of a line midway between Gouverneur avenue and Norman avenue; thence southwestwardly along the said line midway between Gouverneur avenue and Norman avenue and the prolongation of the said line to the intersection with the centre line of Sedgwick avenue; thence southwestwardly to a point on the southwesterly side of Kingsbridge road where the same is intersected by a line 100 feet northwest of and parallel with the northwesterly line of Aqueduct avenue, the said distance being measured at right angles to the line of Aqueduct avenue; thence southwestwardly and always distant 100 feet northwestwardly from the northwesterly line of Aqueduct avenue and along the prolongation of the said line to the intersection with the southerly line of East One Hundred and Eighty-first street; thence southwestwardly at right angles to East One Hundred and Eighty-first street 100 feet; thence northwestwardly and westwardly and always parallel with the southerly line of East One Hundred and Eighty-first street, and 100 feet distant therefrom, to the point or place of beginning.

Fourth—That the abstracts of said supplemental and amended estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 25th day of May, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 29th day of June, 1911, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 24, 1911.

GEORGE VON SKAL, STEPHEN J. NAVIN, JR., Commissioners of Estimate; STEPHEN J. NAVIN, JR., Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m2,18

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening, widening and extending of STUYVESANT PLACE, from the southerly line of the United States Government Light House property to the southerly line of Weiner place, in the First Ward, Borough of Richmond, City of New York: UNNAMED STREET (an extension of Stuyvesant place), from the southerly line of Weiner place to its intersection with the easterly line of Griffin street, in the First and Second Wards, Borough of Richmond, City of New York, and GRIFFIN STREET, from the intersection of the above-described unnamed street to the northerly line of Hannah street, in the Second Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions, at the County Court House in the Borough of Brooklyn, in The City of New York, on the 1st day of June, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Richmond, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, May 18, 1911.

EDWARD M. MULLER, J. HARRY TIERNAN, Commissioners of Estimate.

JOEL J. SQUIER, Clerk. m18,29

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of HUGHES STREET (Hancock street), from Forest avenue to Shaler street (Sheridan street), and of ELM AVENUE (Catalpa avenue), from Myrtle avenue to Shaler street (Sheridan street), in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 12th day of May, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 13th day of May, 1911, Edward Duffy, George Wallace and William A. Moller were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by the said order William A. Moller was appointed the Commissioner of Assessment.

Notice is further given that pursuant to statutes in such cases made and provided, the said Edward Duffy, George Wallace and William A. Moller will attend at a Special Term for exparte motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 29th day of May, 1911, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or any other person having an interest in the said proceeding as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated, New York, May 17, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m17,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to HENDRIX STREET, from Dumont avenue to Fairfield avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT EDWIN L. Garvin, William Whittaker and Robert Ford were appointed by an order of the Supreme Court made and entered the 8th day of May, 1911, Commissioners of Estimate, and Edwin L. Garvin Commissioner of Assessment in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 24th day of May, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by Section 973 of Title 4 of Chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to SHEFFIELD AVENUE, between Livonia avenue and New Lots avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT GEORGE O. Stenes, Walter F. Clayton and John Elliott, were appointed by an order of the Supreme Court made and entered the 8th day of May, 1911, Commissioners of Estimate, and George O. Stenes, Commissioner of Assessment, in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 24th day of May, 1911, on the opening of the Court on that day, or as soon thereafter as Counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by Section 973 of Title 4 of Chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to AVENUE P, from Ocean avenue to Nostrand avenue, in the Thirty-first and Thirty-second Wards, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT ARNON L. Squiers, Charles Halloway and Charles H. Machin were appointed by an order of the Supreme Court made and entered the 8th day of May, 1911, Commissioners of Estimate, and Arnon L. Squiers Commissioner of Assessment in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 24th day of May, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by Section 973 of Title 4 of Chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of COLUMBIA PLACE, from Grand street to Brown place, in the Second Ward, in the Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Thursday, the 25th day of May, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Columbia place, from Grand street to Brown place, in the Second Ward, Borough of Queens, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point formed by the intersection of the southerly line of Grand street with the westerly line of Columbia place.

Running thence easterly for 50.00 feet along the southerly line of Grand street to the easterly line of Columbia place.

Thence southerly deflecting to the right 90° 00′ 00″ for 223.89 feet along the easterly line of Columbia place to the northerly line of Columbia place.

Thence easterly deflecting to the left 89° 22′ 55″ for 108.13 feet along the northerly line of Columbia place.

Thence easterly deflecting to the right 12° 19′ 57″ for 595.07 feet along the northerly line of Columbia place and its easterly prolongation to the easterly line of Brown place.

Thence southerly deflecting to the right 99° 21′ 23″ for 50.67 feet along the easterly line of Brown place.

Thence westerly deflecting to the right 80° 38′ 37″ for 581.43 feet along the southerly line of Columbia place and its easterly prolongation.

Thence westerly deflecting to the left 12° 19′ 57″ for 152.19 feet along the southerly line of Columbia place to the westerly line of Columbia place.

Thence northerly for 273.36 feet along the westerly line of Columbia place to the southerly line of Grand street, the point or place of beginning.

Columbia place is shown upon Section 17 of the Final Maps of the Borough of Queens, adopted by the Board of Estimate and Apportionment July 1, 1910, and filed in the office of the Clerk of the County of Queens at Jamaica, August 23, 1910, in the office of the President of the Borough of Queens, August 23, 1910, and in the office of the Counsel to the Corporation of The City of New York on or about the same date.

The Board of Estimate and Apportionment on the 9th day of February, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southerly line of Grand street, distant 100 feet westerly from the westerly line of Columbia place and running thence northwardly at right angles to Grand street a distance of 180 feet; thence eastwardly and parallel with Grand street to the intersection with a line at right angles to Grand street and passing through a point on its southerly side distant 100 feet easterly from the easterly line of Columbia place; thence southwardly along the said line at right angles to Grand street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northerly line of Columbia place and the southerly line of Grand street as these streets are laid out immediately west of and adjoining Brown place; thence eastwardly along the said bisecting line to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Brown place, the said distance being measured at right angles to Brown place; thence southwardly along the said line parallel with Brown place to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Columbia place as laid out immediately westerly from and adjoining Brown place, the said distance being measured at right angles to Columbia place; thence westwardly along a line always distant 100 feet southerly from and parallel with the southerly line of Columbia place, and along the prolongations of the said line to the intersection with a line at right angles to Grand street and passing through the point of beginning; thence northwardly along the said line at right angles to Grand street to the point or place of beginning.

(The street names used in the above description are the ones appearing upon Section 17 of the Final Maps of the Borough.)

New York, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain lands, premises, rights and property necessary to be taken for the improvement of the waterfront of The City of New York, for ferry purposes, between the southerly line of Thirty-eighth street prolonged, the southerly line of Thirty-ninth street prolonged, the westerly line of Second avenue and the pierhead line established by the Secretary of War in 1890 in the Borough of Brooklyn, in The City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, bearing date March 27, 1911, and filed in the office of the Clerk of the County of Kings on March 30, 1911, Charles H. Kelby, Remsen Johnson and Charles J. McDermott were appointed Commissioners of Estimate and Appraisal in the above-entitled proceeding.

Notice is further given that, pursuant to the statutes in such case made and provided, the said Commissioners so nominated will attend at a Special Term of the Supreme Court for the hearing of motions to be held at the County Court House in the County of Kings on May 24, 1911, at 10 o'clock in the forenoon for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having interest in said proceedings, as to their qualifications to act as Commissioners of Estimate and Appraisal in this proceeding.

Dated May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Borough Hall, Brooklyn, N. Y. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to and for the purpose of opening and extending JOHNSON STREET, from East Seventh street to Coney Island avenue; EAST SEVENTH STREET, from Church avenue to Avenue C, and from Ditmas avenue (Avenue E) to Eighteenth avenue and East Eighth street, from Caton place to Johnson street, and from Church avenue to Avenue C, in the Twenty-ninth Ward, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT DAVID S. Garland, Edward Lyons and Clement Asbury were appointed by an order of the Supreme Court made and entered the 8th day of May, 1911, Commissioners of Estimate, and David S. Garland Commissioner of Assessment in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 24th day of May, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by Section 973 of Title 4, of Chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to SIXTY-FOURTH STREET, from Fourth avenue to Fifth avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT FRANK Harvey Field, Remsen Johnson and Charles S. Simpkins, were appointed by an order of the Supreme Court made and entered the 8th day of May, 1911, Commissioners of Estimate and Frank Harvey Field Commissioner of Assessment in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 24th day of May, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by Section 973 of Title 4, of Chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to MALBONE STREET, from the line between the Twenty-fourth and Twenty-ninth Wards, at New York avenue, to Lefferts avenue; and LEFFERTS AVENUE, from Schenectady avenue to Utica avenue, in the Twenty-fourth and Twenty-ninth Wards, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT GEORGE I. Wooley, Arthur J. Waldron and Charles Halloway were appointed by an order of the Supreme Court made and entered the 8th day of May, 1911, Commissioners of Estimate, and George I. Wooley Commissioner of Assessment, in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 24th day of May, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by Section 973 of Title 4, of Chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, May 12, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. m12,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of FRANKLIN STREET (although not yet named by proper authority), from Mills street to Boulevard, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions at the County Court House in the Borough of Brooklyn, in The City of New York, on the 25th day of May, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, Borough of Manhattan, New York, May 11, 1911.

HARRISON S. MOORE, WILLIAM E. STEWART, PORTER D. FORD, Commissioners of Estimate and Assessment.

JOSEPH J. MYERS, Clerk. m11,22

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of THE PUBLIC PARK, bounded by Congress avenue, Myrtle avenue and Leavitt street, in the Third Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the

proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions at the County Court House in the Borough of Brooklyn, in The City of New York, on the 25th day of May, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said supplemental and additional bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, May 11, 1911.

JOHN J. TRAPP, JOHN E. VAN NOSTRAND, ENOCH P. LAWRENCE, Commissioners of Estimate

JOSEPH J. MYERS, Clerk. m11,22

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of PUTNAM AVENUE (although not yet named by proper authority) from Brooklyn Borough line to Fresh Pond road, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, Second Department, duly made and entered in the office of the Clerk of the County of Queens on the 6th day of April, 1910, so as to conform to the lines of said street, as shown upon Sections 15, 29 and 30 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909, and approved by the Mayor on the 4th day of June, 1909.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 31st day of May, 1911, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 2d day of June, 1911, at 2 o'clock p. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in said City, there to remain until the 2d day of June, 1911.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of the Brooklyn Borough line and a line parallel to and distant 100 feet northwesterly from the northwesterly line of that part of Putnam avenue lying westerly of Forest avenue, running thence northeasterly along the last mentioned line parallel to Putnam avenue to its intersection with the westerly line of Forest avenue, thence northerly along the westerly line of Forest avenue for 100 feet, thence easterly to the point of intersection of the easterly line of Forest avenue and a line parallel to and distant 100 feet northerly from the northerly line of Putnam avenue, thence easterly along said line parallel to Putnam avenue and its easterly prolongation to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Fresh Pond road, thence southerly along said line parallel to Fresh Pond road to its intersection with the easterly prolongation of a line parallel to and distant 100 feet southerly from the southerly line of that part of Putnam avenue lying easterly of Forest avenue; thence westerly along said prolongation and line, parallel to Putnam avenue to its intersection with the easterly line of Forest avenue; thence southerly along the easterly line of Forest avenue to its intersection with a line parallel to and distant 100 feet southeasterly from the southeasterly line of Putnam avenue; thence southwesterly along said line parallel to Putnam avenue to its intersection with the Brooklyn Borough line; thence northerly along the Brooklyn Borough line to the point or place of beginning.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 21st day of July, 1911, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the CITY RECORD, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 25, 1911.

STEPHEN H. VORIS, Chairman; M. P. HOLLAND, JOHN MERK, Commissioners.

JOSEPH J. MYERS, Clerk. m11,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending KINGS HIGHWAY from Ocean parkway to Flatbush avenue; of AVENUE Q from the westerly line of East Twelfth street to Kings Highway; of EAST TWELFTH STREET, from Avenue Q to Kings Highway; of DELAMERE PLACE, from Avenue P to Kings Highway; of AVENUE O, from the westerly line of East Twenty-sixth street to Kings Highway; of EAST TWENTY-SIXTH STREET, from Avenue O to Kings Highway; of EAST THIRTY-SECOND STREET, from Avenue N to Kings Highway, and of EAST THIRTY-FIFTH STREET, from Avenue M to Kings Highway, in the Thirty-first and Thirty-second Wards, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 22d day of May, 1911, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Kings Highway, from Ocean parkway to Flatbush avenue; of Avenue Q, from the westerly line of East Twelfth street to Kings Highway; of East Twelfth street, from Avenue Q to Kings Highway; of Delamere place, from Avenue P to Kings Highway; of Avenue O, from the westerly line of East Twenty-sixth street to Kings Highway; of East Twenty-sixth street, from Avenue O to Kings Highway; of East Thirty-second street, from Avenue N to Kings Highway, and of East Thirty-fifth street, from Avenue M to Kings Highway, in the Thirty-first and Thirty-second Wards, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Kings Highway.

Beginning at the intersection of the east line of Ocean parkway, with the south line of Kings Highway, as the same are laid out on the map of the City;

1—Thence northerly along the east line of Ocean parkway 83.46 feet;

2—Thence easterly deflecting 73° 26′ 28″ to the right 615.48 feet;

3—Thence easterly deflecting 2° 37′ 18″ to the right 838.31 feet;

4—Thence easterly deflecting 4° 13′ 06″ to the left 313.61 feet to the east line of East Twelfth street;

5—Thence northerly along the east line of East Twelfth street 1.22 feet to the south line of Avenue Q;

6—Thence easterly along the south line of Avenue Q 3.61 feet;

7—Thence easterly deflecting 18° 09′ 20″ to the left 258.22 feet.

8—Thence easterly deflecting 2° 05′ 47″ to the left 634.57 feet;

9—Thence northerly deflecting 69° 44′ 53″ to the left 23.99 feet;

10—Thence easterly deflecting 69° 07′ 31″ to the right 133.78 feet; to the west line of East 16th street;

11—Thence easterly deflecting 13° 38′ 20″ to the right 60.48 feet, to the east line of East Sixteenth street;

12—Thence easterly deflecting 15° 09′ 08″ to the left 555.18 feet;

13—Thence easterly deflecting 5° 53′ 28″ to the right 571.76 feet to the west line of Ocean avenue;

14—Thence easterly deflecting 0° 53′ 34″ to the left 424.22 feet, to the north line of Avenue P;

15—Thence easterly deflecting 0° 18′ 08″ to the left 446.28 feet, to the west line of Delamere place;

16—Thence easterly deflecting 19° 52′ 58″ to the left 1,009.39 feet, to the west line of East Twenty-sixth street;

17—Thence easterly deflecting 3° 52′ 10″ to the right 72.12 feet, to the east line of East Twenty-sixth street;

18—Thence northerly along the east line of East Twenty-sixth street 58.83 feet, to the south line of Avenue O;

19—Thence easterly along the south line of Avenue O, 88.19 feet;

20—Thence easterly deflecting 33° 42′ 20″ to the left 759.48 feet;

21—Thence easterly deflecting to the left on a curve whose radius is 3,678.52 feet, 811.29 feet to the east line of East Thirty-first street;

22—Thence northerly along the east line of East Thirty-first street 37.86 feet, to the south line of Avenue N;

23—Thence easterly along the south line of Avenue N 35.75 feet;

24—Thence easterly deflecting 46° 45′ 18″ to the left 109.83 feet, to the north line of Avenue N;

25—Thence easterly deflecting 1° 48′ 41″ to the left 1,010.97 feet, to the east line of East Thirty-fourth street;

26—Thence northerly along the east line of East Thirty-fourth street 42.06 feet, to the south line of Avenue M;

27—Thence easterly along the south line of Avenue M 37.12 feet;

28—Thence easterly deflecting 48° 33′ 59″ to the left 106.71 feet, to the north line of Avenue M;

29—Thence easterly deflecting 0° 34′ 56″ to the right 189.31 feet;

30—Thence easterly deflecting to the right on a curve, whose radius is 1,086.29 feet, 626.54 feet;

31—Thence easterly and tangent to the last-mentioned curve 12.98 feet;

32—Thence easterly deflecting 0° 6′ 13″ to the left 671.61 feet, to the west line of Flatbush avenue;

33—Thence southerly along the west line of Flatbush avenue 103.84 feet;

34—Thence westerly deflecting 105° 37′ 27″ to the right 699.58 feet, to the east line of East Thirty-seventh street;

35—Thence westerly deflecting 0° 06′ 13″ to the right 13.17 feet;

36—Thence westerly deflecting to the left on a curve whose radius is 986.29 feet, 568.86 feet;

37—Thence westerly and tangent to the last-mentioned curve 188.80 feet;

38—Thence westerly deflecting 0° 34′ 56″ to the left 1,174.84 feet;

39—Thence westerly deflecting 1° 48′ 41″ to the right 136.95 feet;

40—Thence westerly deflecting to the right on a curve whose radius is 3,778.52 feet, 860.58 feet;

41—Thence westerly and tangent to the last-mentioned curve 934.23 feet;

42—Thence westerly deflecting 3° 52′ 10″ to the left 1,082.96 feet, to the west line of Delamere place;

43—Thence southerly along the west line of Delamere place 9.45 feet, to the north line of Avenue P;

44—Thence westerly along the north line of Avenue P, 141.91 feet;

45—Thence westerly deflecting 17° 23′ 24″ to the left 396.20 feet, to the west line of Kenmore place;

46—Thence westerly deflecting 0° 53′ 34″ to the right 867.26 feet, to the east line of East Eighteenth street;

47—Thence westerly deflecting 5° 53′ 28″ to the left 584.02 feet, to the east line of East Sixteenth street;

48—Thence westerly deflecting 2° 43′ 22″ to the left 66.26 feet, to the west line of East Sixteenth street;

49—Thence westerly deflecting 4° 14′ 10″ to the right 133.78 feet;

50—Thence southerly deflecting 69° 07′ 31″ to the left 1.17 feet;

51—Thence westerly deflecting 69° 44′ 53″ to the right 634.21 feet, to the east line of East Thirteenth street;

52—Thence westerly deflecting 2° 05′ 47″ to the right 552.81 feet, to the east line of Coney Island avenue;

53—Thence westerly deflecting 4° 13′ 06″ to the right 839.43 feet, to the east line of East Eighth street;

54—Thence westerly 637.44 feet, to the point of beginning.

East Twelfth Street.

Beginning at the intersection of the south line of Avenue Q with the west line of East Twelfth street, as the same are laid out on the map of the City;

1—Thence easterly along the south line of Avenue Q, 60.22 feet;

2—Thence southerly deflecting 94° 53′ 00″ to the right 1.22 feet;

3—Thence westerly deflecting 66° 57′ 40″ to the right 65.20 feet;

4—Thence northerly 21.61 feet, to the point of beginning.

Delamere Place.

Beginning at the intersection of the north line of Avenue P with the east line of Delamere place, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Avenue P, 60.0 feet;

2—Thence northerly deflecting 90° to the right 9.45 feet;

3—Thence easterly deflecting 52° 25′ 30″ to the right 75.70 feet;

4—Thence southerly 55.61 feet, to the point of beginning.

Avenue O.

Beginning at the intersection of the west line of East Twenty-sixth street, with the south line of Avenue O, as the same are laid out on the map of the City;

1—Thence northerly along the west line of East Twenty-sixth street 80.0 feet;

2—Thence easterly deflecting 90° to the right 268.12 feet;

3—Thence westerly deflecting 146° 17′ 40″ to the right 144.16 feet;

4—Thence westerly 148.19 feet, to the point of beginning.

East Twenty-sixth Street.

Beginning at the intersection of the south line of Avenue O with the west line of East Twenty-sixth street, as the same are laid out on the map of the City;

1—Thence easterly along the south line of Avenue O, 60.0 feet;

2—Thence southerly deflecting 90° to the right 58.83 feet;

3—Thence westerly deflecting 56° 17′ 40″ to the right 72.12 feet;

4—Thence northerly 98.85 feet, to the point of beginning.

East Thirty-second Street.

Beginning at the intersection of the east line of East Thirty-second street with the north line of Avenue N, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Avenue N, 15.63 feet;

2—Thence northerly deflecting 131° 26′ 01″ to the right 23.62 feet;

3—Thence southerly 17.71 feet to the point of beginning.

East Thirty-fifth Street.

Beginning at the intersection of the east line of East Thirty-fifth street with the north line of Avenue M, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Avenue M, 37.67 feet;

2—Thence northerly deflecting 132° 00′ 57″ to the right 56.28 feet;

3—Thence southerly 41.82 feet, to the point of beginning.

The Board of Estimate and Apportionment on the 15th day of December, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the easterly line of Ocean parkway distant 500 feet southerly from the prolongation of the southerly line to Kings Highway, the said distance being measured at right angles to Kings Highway, and running thence westwardly at right angles to Ocean parkway to the intersection with the prolongation of a line midway between East Third street and East Fourth street; thence northwardly along the said line midway between East Third Street and East Fourth street, and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Avenue Q; thence eastwardly and parallel with Avenue Q, to a point distant 580 feet northerly from the southerly line of Kings Highway, the said distance being measured at right angles to Kings Highway; thence eastwardly and always distant 580 feet northerly from and parallel with the southerly line of Kings Highway to the intersection with a line midway between East Nineteenth street and Ocean avenue; thence northwardly along the said line midway between East Nineteenth street and Ocean avenue to a point distant 850 feet northerly from the southerly line of Kings Highway, the said distance being measured at right angles to Kings Highway; thence eastwardly and always distant 850 feet northerly from and parallel with the southerly line of Kings Highway to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Hubbard place, the said distance being measured at right angles to Hubbard place; thence eastwardly along the said line parallel with Hubbard place and along the prolongation of the said line to the intersection with the prolongation of a line midway between East Fortieth street and East Forty-first street; thence southwardly along the said line midway between East Fortieth street and East Forty-first street, and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of Flatlands avenue, the said distance being measured at right angles to Flatlands avenue; thence westwardly and parallel with Flatlands avenue to a point distant 750 feet southerly from the southerly line of Kings Highway, the said distance being measured at right angles to Kings Highway; thence westwardly and always distant 750 feet southerly from and parallel with the southerly line of Kings Highway to the intersection with a line midway between East Nineteenth street and Ocean avenue; thence northwardly along the said line midway between East Nineteenth street and Ocean avenue to a point distant 500 feet southerly from the southerly line of Kings Highway, the said distance being measured at right angles to Kings Highway; thence westwardly and always distant 500 feet southerly from and parallel with the southerly line of Kings Highway to the point or place of beginning.

Dated New York, May 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending EAST TWELFTH STREET, from Avenue H to Avenue T, excluding the land occupied by the tracks of the Long Island Railroad; EAST THIRTEENTH STREET, from Avenue H to Avenue T, and from Gravesend Neck road to Neptune avenue, excluding the land occupied by the tracks of the Long Island Railroad, and from Avenue V to Gravesend Neck road, excluding the land occupied by the tracks of the Long Island Railroad; EAST FIFTEENTH STREET, from Avenue H to Kings Highway, excluding the land occupied by the tracks of the Long Island Railroad, and from Avenue V to Emmons avenue, excluding the land occupied by the tracks of the Brooklyn and Brighton Beach Railroad and the Long Island Railroad, in the Twenty-ninth and Thirty-first Wards, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 22d day of May, 1911, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of East Twelfth street from Avenue H to Avenue T, excluding the land occupied by the tracks of the Long Island Railroad; East Thirteenth street, from Avenue H to Avenue T, and from Gravesend Neck road to Neptune avenue, excluding the land occupied by the tracks of the Long Island Railroad, and the Brooklyn and Brighton Beach Railroad; East Fourteenth street (now Rugby road), from Avenue D, or Dorchester road, to Foster avenue, and from Avenue H to Kings Highway, and from Avenue V to Gravesend Neck road, excluding the land occupied by the tracks of the Long Island Railroad, and East Fifteenth street, from Avenue H to Kings Highway, excluding the land occupied by the tracks of the Long Island Railroad, and from Avenue V to Emmons avenue, excluding the land occupied by the tracks of the Brooklyn and Brighton Beach Railroad and the Long Island Railroad, in the Twenty-ninth and Thirty-first Wards, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the north line of Avenue H with the west line of East Twelfth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Avenue H, 60.0 feet;

2—Thence southerly deflecting 90° to the right 342.50 feet, to the north line of the land of the Long Island Railroad;

3—Thence westerly deflecting 90° to the right along the north line of the land of the Long Island Railroad 60.0 feet;

4—Thence northerly 342.50 feet to the point of beginning.

Parcel B.

Beginning at the intersection of the north line of Avenue T with the east line of East Twelfth street, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Avenue T 60.22 feet;

2—Thence northerly deflecting 94° 53′ 00″ to the right 2,569.32 feet, to the south line of Avenue Q;

3—Thence northerly deflecting 12° 20′ 12″ to the left 80.68 feet, to the north line of Avenue Q;

4—Thence northerly deflecting 7° 27′ 12″ to the right 7,570.0 feet, to the south line of the land of the Long Island Railroad;

5—Thence easterly deflecting 90° to the right, along the land of the Long Island Railroad 60.0 feet;

6—Thence southerly deflecting 90° to the right along the land of the Long Island Railroad 60.0 feet;

7—Thence southerly deflecting 90° to the right 7,570.0 feet, to the north line of Avenue Q;

8—Thence southerly deflecting 7° 36′ 27″ to the left 80.71 feet, to the south line of Avenue Q;

9—Thence southerly deflecting 12° 29′ 27″ to the right 2,569.32 feet, to the point of beginning.

East Thirteenth Street.

Parcel A.

Beginning at the intersection of the north line of Avenue H with the west line of East Thirteenth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Avenue H 60.0 feet;

2—Thence southerly deflecting 90° to the right 342.50 feet, to the north line of the land of the Long Island Railroad;

3—Thence westerly deflecting 90° to the right along the north line of the land of the Long Island Railroad 60.0 feet;

4—Thence northerly 342.50 feet to the point of beginning.

Parcel B.

Beginning at the intersection of the north line of Avenue T with the east line of East Thirteenth street, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Avenue T 60.0 feet;

2—Thence northerly deflecting 90° to the right, 10,210.0 feet to the south line of the land of the Long Island Railroad;

3—Thence easterly deflecting 90° to the right along the south line of the land of the Long Island Railroad 60.0 feet;

4—Thence southerly 10,210.0 feet to the point of beginning.

Parcel C.

Beginning at a point on the west line of East Thirteenth street distant 55.29 feet northerly from the intersection of the north line of Avenue W, with the west line of East Thirteenth street, as the same are laid out on the map of the City (the above-mentioned point being on the south line of Gravesend Neck road).

1—Thence easterly along the south line of Gravesend Neck road 60.58 feet, to a point on the east line of East Thirteenth street, distant 63.68 feet northerly from the north line of Avenue W;

2—Thence southerly deflecting 97° 57′ 33″ to the right 3,678.48 feet, to the northwest line of the land of the Brooklyn and Brighton Beach Railroad;

3—Thence southwesterly deflecting 36° 48′ 20″ to the right along the northwest line of the Brooklyn and Brighton Beach Railroad 100.15 feet;

4—Thence northerly 3,750.28 feet to the point of beginning.

Parcel D.

Beginning at the intersection of the north line of Neptune avenue with the east line of East Thirteenth street, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Neptune avenue 60.49 feet;

2—Thence northerly deflecting 97° 19′ 19″ to the right 241.36 feet, to the southeast line of the land of the Brooklyn and Brighton Beach Railroad;

3—Thence northeasterly deflecting 36° 48′ 20″ to the right along the southeast line of the land of the Brooklyn and Brighton Beach Railroad 100.15 feet;

4—Thence southerly 313.84 feet to the point of beginning.

East Fourteenth Street.

Parcel A.

Beginning at the intersection of the north line of Dorchester road with the west line of East Fourteenth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Dorchester road 65.48 feet;

2—Thence southerly deflecting 133° 36′ 50″ to the right 1,908.95 feet to the north line of Foster avenue;

3—Thence westerly along the north line of Foster avenue 65.70 feet;

4—Thence northerly 1,909.49 feet, to the point of beginning.

Parcel B.

Beginning at the intersection of the north line of Avenue H with the west line of East Fourteenth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Avenue H 60.0 feet;

2—Thence southerly deflecting 90° to the right 342.50 feet, to the north line of the land of the Long Island Railroad;

3—Thence westerly deflecting 90° to the right along the north line of the land of the Long Island Railroad 60.0 feet;

4—Thence northerly 342.50 feet to the point of beginning.

Parcel C.

Beginning at a point on the east line of East Fourteenth street, distant 613.02 feet southerly from the intersection of the south line of Avenue P with the east line of East Fourteenth street, as the same are laid out on the map of the City (the above-mentioned point being on the north line of Kings Highway).

1—Thence westerly along the north line of Kings Highway 63.92 feet, to a point distant 635.06 feet from the south line of Avenue P;

2—Thence northerly deflecting 110° 10′ 18″ to the right 7,505.06 feet, to the south line of the land of the Long Island Railroad;

3—Thence easterly deflecting 90° to the right along the south line of the land of the Long Island Railroad 60.0 feet;

4—Thence southerly 7,483.02 feet to the point of beginning.

Parcel D.

Beginning at the intersection of the north line of Avenue V with the west line of East Fourteenth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Avenue V 60.0 feet;

2—Thence southerly deflecting 90° to the right 750.64 feet to the north line of Gravesend Neck road;

3—Thence westerly deflecting 82° 04′ 08″ to the right along the north line of Gravesend Neck road 60.58 feet;

4—Thence northerly 759.0 feet to the point of beginning.

East Fifteenth Street.

Parcel A.

Beginning at the intersection of the north line of Avenue H with the west line of East Fifteenth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Avenue H 60.0 feet;

2—Thence southerly deflecting 90° to the right 342.50 feet to the north line of the land of the Long Island Railroad;

3—Thence westerly deflecting 90° to the right along the north line of the land of the Long Island Railroad 60.0 feet;

4—Thence northerly 342.50 feet to the point of beginning.

Parcel B.

Beginning at a point on the east line of East Fifteenth street distant 517.50 feet southerly from the intersection of the south line of Avenue P with the east line of East Fifteenth street, as the same are laid out on the map of the City (the above-mentioned point being on the north line of Kings Highway).

1—Thence westerly along the north line of Kings Highway 63.92 feet to a point which is 539.55 feet from the south line of Avenue P;

2—Thence northerly deflecting 110° 10′ 18″ to the right 7,409.55 feet, to the south line of the land of the Long Island Railroad;

3—Thence easterly deflecting 90° to the right along the south line of the land of the Long Island Railroad 60.0 feet.

4—Thence southerly 7,387.50 feet, to the point of beginning.

Parcel C.

Beginning at the intersection of the north line of Avenue V with the west line of East Fifteenth street, as the same are laid out on the map of the City;

1—Thence easterly along the north line of Avenue V 60.0 feet;

2—Thence southerly deflecting 90° to the right 3,517.63 feet, to the north line of the land of the Brooklyn and Brighton Beach Railroad;

3—Thence westerly deflecting 119° 34′ 30″ to the right, along the north line of the land of the Brooklyn and Brighton Beach Railroad 68.99 feet;

4—Thence northerly 3,483.58 feet to the point of beginning.

Parcel D.

Beginning at a point on the east line of East Fifteenth street, distant 945.11 feet, more or less, northerly from the intersection of the north line of Emmons avenue with the east line of East Fifteenth street, as the same are laid out on the map of the City; (the above-mentioned point being on the northwest line of the land of the Long Island Railroad).

1—Thence southwesterly along the northwest line of the land of the Long Island Railroad 90.75 feet to a point which is distant 875.28 feet, more or less, northerly from the north line of Emmons avenue;

2—Thence northerly deflecting 138° 36′ 00″ to the right 173.98 feet to the southeast line of the land of the Long Island Railroad.

3—Thence northeasterly deflecting 58° 09′ 12″ to the right along the southeast line of the land of the Long Island Railroad 113.71 feet;

4—Thence southerly 202.51 feet to the point of beginning.

Parcel E.

Beginning at the intersection of the north line of Emmons avenue with the east line of East Fifteenth street, as the same are laid out on the map of the City;

1—Thence westerly along the north line of Emmons avenue 60.03 feet, more or less;

2—Thence northerly deflecting 88° 18′ 17″ to the right 784.55 feet, more or less, to the southeast line of the land of the Long Island Railroad;

3—Thence northeasterly deflecting 41° 24′ 00″ to the right 90.73 feet;

4—Thence southerly 854.38 feet, more or less, to the point of beginning.

The Board of Estimate and Apportionment on the 28th day of February, 1908, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

1—Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Dorchester road, the said distance being measured at right angles to the line of Dorchester road; on the east by a line midway between East Fourteenth street and East Fifteenth street; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Foster avenue, the said distance being measured at right angles to the line of Foster avenue, and on the west by a line midway between East Thirteenth street and East Fourteenth street.

2—Beginning at a point on the line midway between East Fifteenth street and East Sixteenth street, distant 100 feet northerly from the northerly line of Avenue H, and running thence southwardly along the line midway between East Fifteenth street and East Sixteenth street, to a point distant 100 feet southerly from the southerly line of Avenue O; thence westwardly and parallel with Avenue O to the intersection with a line midway between East Thirteenth street and East Fourteenth street; thence southwardly along the said line midway between East Thirteenth street and East Fourteenth street, to a point distant 100 feet southerly from the southerly line of Avenue T; thence westwardly and parallel with Avenue T to the intersection with a line midway between East Twelfth street and Coney Island avenue; thence northwardly and always midway between East Twelfth street and Coney Island avenue to a point distant 100 feet northerly from the northerly line of Avenue H; thence eastwardly and parallel with Avenue H to the point or place of beginning.

3—Beginning again at a point on the line midway between East Fifteenth street and East Sixteenth street, distant 100 feet northerly from the northerly line of Avenue V, and running thence southwardly along the line midway between East Fifteenth street and East Sixteenth street to a point distant 100 feet southerly from the southerly line of Emmons avenue, the said distance being measured at right angles to the line of Emmons avenue; thence westwardly and parallel with Emmons avenue to the intersection with the prolongation of a line midway between East Fourteenth street and East Fifteenth street; thence northwardly along the line midway between East Fourteenth street and East Fifteenth street to the centre line of Avenue W; thence westwardly along the centre line of Avenue W to the intersection with a line midway between East Thirteenth street and East Fourteenth street; thence southwardly along the said line midway between East Thirteenth street and East Fourteenth street, and the prolongation thereof, to a point distant 100 feet southerly from the southerly line of Emmons avenue; thence westwardly and always distant 100 feet from and parallel with the southerly line of Emmons avenue and Neptune avenue to the intersection with the prolongation of a line midway between East Thirteenth street and Snipe avenue; thence northwardly along the said line midway between East Thirteenth street and Snipe avenue, and the prolongation of the said line, to the intersection with a line distant 100 feet northerly from and always parallel with the northerly line of Gravesend Neck road, the said distance being measured at right angles to the line of Gravesend Neck road; thence eastwardly and along the said line parallel with Gravesend Neck road to the intersection with a line midway between East Thirteenth street and East Fourteenth street; thence northwardly along the said line midway between East Thirteenth street and East Fourteenth street to a point distant 100 feet northerly from the northerly line of Avenue V; thence eastwardly and parallel with Avenue V to the point or place of beginning.

Dated New York, May 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending SEVENTY-SECOND STREET, from Fort Hamilton avenue to Thirteenth avenue and from Seventeenth avenue to Twenty-second avenue; SEVENTY-THIRD STREET, from Tenth avenue to Thirteenth avenue; SEVENTY-FOURTH STREET, from Tenth avenue to Eleventh avenue, from Sixteenth avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to Twenty-second avenue; and SEVENTY-FIFTH STREET, from Tenth avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to Twenty-second avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 22d day of May, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Seventy-second street, from Fort Hamilton avenue to Thirteenth avenue and from Seventeenth avenue to Twenty-second avenue; of Seventy-third street, from Tenth avenue to Thirteenth avenue; of Seventy-fourth street, from Tenth avenue to Eleventh avenue; from Sixteenth avenue to the westerly line of New Utrecht avenue and from the easterly line of New Utrecht avenue to Twenty-second avenue, and of Seventy-fifth street, from Tenth avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to Twenty-second avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Seventy-second Street.

Parcel "A."

Beginning at the intersection of the southeast line of Fort Hamilton avenue with the south line of Seventy-second street as the same are laid out on the map of the City;

1—Thence northeasterly along the southeast line of Fort Hamilton avenue 60.99 feet;

2—Thence easterly deflecting 79° 41′ 29″ to the right 2,966.70 feet to the west line of Thirteenth avenue;

3—Thence southerly along the west line of Thirteenth avenue 60.0 feet;

4—Thence westerly 2,977.61 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the east line of Seventeenth avenue with the south line of Seventy-second street as the same are laid out on the map of the City;

1—Thence northerly along the east line of Seventeenth avenue 60.0 feet;

2—Thence easterly deflecting 90° to the right 3,820.0 feet to the west line of Bay Parkway;

3—Thence southerly along the west line of Bay Parkway 60.0 feet;

4—Thence westerly 3,820.0 feet to the point of beginning.

Seventy-third Street.

Beginning at the intersection of the east line of Tenth avenue with the south line of Seventy-third street as the same are laid out on the map of the City;

1—Thence northerly along the east line of Tenth avenue 60.0 feet;

2—Thence easterly deflecting 90° to the right 2,260.0 feet to the west line of Thirteenth avenue;

3—Thence southerly along the west line of Thirteenth avenue 60.0 feet;

4—Thence westerly 2,260.0 feet to the point of beginning.

Seventy-fourth Street.

Parcel "A."

Beginning at the intersection of the east line of Tenth avenue with the south line of Seventy-fourth street as the same are laid out on the map of the City;

1—Thence northerly along the east line of Tenth avenue 60.0 feet;

2—Thence easterly deflecting 90° to the right 700.0 feet to the west line of Eleventh avenue;

3—Thence southerly along the west line of Eleventh avenue 60.0 feet;

4—Thence westerly 700.00 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the east line of Sixteenth avenue with the south line of Seventy-fourth street as the same are laid out on the map of the City;

1—Thence northerly along the east line of Sixteenth avenue 60.0 feet;

2—Thence easterly deflecting 90° to the right 72.21 feet to the west line of New Utrecht avenue;

3—Thence southerly along the west line of New Utrecht avenue 66.81 feet;

4—Thence westerly 101.60 feet to the point of beginning.

Parcel "C."

Beginning at the intersection of the east line of New Utrecht avenue with the south line of Seventy-fourth street, as the same are laid out on the map of the City;

1—Thence northerly along the east line of New Utrecht avenue 66.81 feet;

2—Thence easterly deflecting 116° 05′ 44″ to the right 4,528.71 feet to the west line of Bay Parkway;

3—Thence southerly along the west line of Bay Parkway 60.0 feet;

4—Thence westerly 4,499.32 feet to the point of beginning.

Bay Ridge Parkway (Seventy-fifth Street).

Parcel "A."

Beginning at the intersection of the west line of Tenth avenue with the south line of Bay Ridge parkway, as the same are laid out on the map of the City;

1—Thence northerly along the west line of Tenth avenue 160.0 feet;

2—Thence easterly deflecting 90° to the right 4,959.56 feet to the west line of New Utrecht avenue;

3—Thence southerly along the west line of New Utrecht avenue 111.35 feet;

4—Thence westerly 5,008.54 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the east line of New Utrecht avenue with the south line of Bay Ridge parkway, as the same are laid out on the map of the City;

1—Thence northerly along the east line of New Utrecht avenue 111.35 feet;

2—Thence easterly deflecting 116° 05′ 44″ to the right 4,401.36 feet to the west line of Bay parkway;

3—Thence southerly along the west line of Bay parkway 100.0 feet;

4—Thence westerly 4,352.38 feet to the point of beginning.

The Board of Estimate and Apportionment on the 26th day of March, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line midway between Seventy-first street and Seventy-second street distant 100 feet southeasterly from the southeasterly line of Twenty-second avenue, and running thence southwestwardly and parallel with Twenty-second avenue, to a point midway between Seventy-eighth street and Seventy-ninth street; thence northwestwardly along a line midway between Seventy-eighth street and Seventy-ninth street to a point distant 350 feet northwesterly from the northwesterly line of Tenth avenue; thence northeastwardly and parallel with Tenth avenue to a point midway between Seventy-second street and Seventy-third street; thence northwestwardly along a line midway between Seventy-second street and Seventy-third street to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Fort Hamilton avenue, the said distance being measured at right angles to Fort Hamilton avenue; thence northeastwardly along the said line parallel with Fort Hamilton avenue to a point midway between Seventy-first street and Seventy-second street; thence southeastwardly along a line midway between Seventy-first street and Seventy-second street, and along the prolongation of the said line to the point or place of beginning. Excluding, however, from the above-described area such lands as may be exempt from assessment under the provisions of section 992 of the Charter.

Dated, New York, May 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending FORTY-EIGHTH STREET, from Eighth avenue to Fort Hamilton avenue; from New Utrecht avenue to Twelfth avenue; from Sixteenth avenue to Seventeenth avenue, and from Eighteenth avenue to Nineteenth avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 22d day of May, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Forty-eighth street, from Eighth avenue to Fort Hamilton avenue, from New Utrecht avenue to Twelfth avenue, from Sixteenth avenue to Seventeenth avenue, and from Eighteenth avenue to Nineteenth avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Parcel "A."

Beginning at the intersection of the west line of Fort Hamilton Parkway (avenue) with the north line of Forty-eighth street as the same are laid out on the map of the City;

1—Thence southerly along the west line of Fort Hamilton Parkway (avenue) 60.99′;

2—Thence westerly deflecting 79° 40′ 57″ to the right 1,888.37′ to the east line of Eighth avenue;

3—Thence northerly along the east line of Eighth avenue 60.0′;

4—Thence easterly 1,899.30′ to the point of beginning.

Parcel "B."

Beginning at the intersection of the east line of Twelfth avenue with the north line of Forty-eighth street as the same are laid out on the map of the City;

1—Thence southerly along the east line of Twelfth avenue 60.0′;

2—Thence westerly deflecting 90° to the right 292.62′ to the east line of New Utrecht avenue;

3—Thence northerly along the east line of New Utrecht avenue 71.44′;

4—Thence easterly 331.39′ to the point of beginning.

Parcel "C."

Beginning at the intersection of the west line of Seventeenth avenue with the north line of Forty-eighth street as the same are laid out on the map of the City;

1—Thence southerly along the west line of Seventeenth avenue 60.0′;

2—Thence westerly deflecting 90° to the right 790.0′ to the east line of Sixteenth avenue;

3—Thence northerly along the east line of Sixteenth avenue 60.0′;

4—Thence easterly 790.0′ to the point of beginning.

Parcel "D."

Beginning at the intersection of the west line of Nineteenth avenue with the north line of Forty-eighth street as the same are laid out on the map of the City;

1—Thence southerly along the east line of Nineteenth avenue 60.0′;

2—Thence westerly deflecting 90° to the right 756.11′ to the east line of Eighteenth avenue;

3—Thence northerly along the east line of Eighteenth avenue 60.01′;

4—Thence easterly 757.40′ to the point of beginning.

The Board of Estimate and Apportionment on the 11th day of February, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

1—Bounded on the northeast by a line midway between Forty-seventh street and Forty-eighth street, on the southeast by the northwesterly line of Fort Hamilton avenue, on the southwest by a line midway between Forty-eighth street and Forty-ninth street, and on the northwest by the southeasterly line of Eighth avenue;

2—Bounded on the northeast by a line midway between Forty-seventh street and Forty-eighth street, on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Twelfth avenue, the said distance being measured at right angles to Twelfth avenue; on the southwest by a line midway between Forty-eighth street and Forty-ninth street, and on the west by the westerly line of New Utrecht avenue;

3—Bounded on the northeast by a line midway between Forty-seventh street and Forty-eighth street, on the southeast by the southeasterly line of Seventeenth avenue, on the southwest by a line midway between Forty-eighth street and Forty-ninth street, and on the northwest by a line distant 100 feet northwesterly from and parallel with the northwesterly line of Sixteenth avenue, the said distance being measured at right angles to Sixteenth avenue;

4—Bounded on the northeast by a line midway between Forty-seventh street and Forty-eighth street, and by the prolongation of the said line; on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Nineteenth avenue, the said distance being measured at right angles to Nineteenth avenue; on the southwest by a line midway btween Forty-eighth street and Forty-ninth street, and on the northwest by the centre line of Eighteenth avenue.

Dated New York, May 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending BENSON AVENUE from Bay Thirty-second street to Bay Thirty-fifth street, in the Thirtieth and Thirty-first Wards, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 22d day of May, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Benson avenue, from Bay Thirty-second street to Bay Thirty-fifth street, in the Thirtieth and Thirty-first Wards, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the west line of Bay Thirty-second street with the south line of Benson avenue as the same are laid out on the map of the City;

1—Thence northerly along the west line of Bay Thirty-second street 80 feet;

2—Thence easterly deflecting 90 degrees to the right 780 feet to the west line of Bay Thirty-fifth street;

3—Thence southerly along the west line of Bay Thirty-fifth street 80 feet;

4—Thence westerly 780 feet to the point of beginning.

The Board of Estimate and Apportionment on the 6th day of May, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the northeast by a line midway between Eighty-sixth street and Benson avenue; on the southeast by a line midway between Bay Thirty-fifth street and Twenty-fourth avenue; on the southwest by a line bisecting the angle formed by the intersection of the prolongations of the center lines of Bath avenue and Benson avenue as these streets are laid out between Twenty-third avenue and Bay Thirty-fourth street; and on the northwest by a line midway between Bay Thirty-first street and Bay Thirty-second street.

Dated, New York, May 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan New York City. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of SULLIVAN STREET, from Washington avenue to Nostrand avenue, in the

Twenty-ninth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 19th day of May, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, May 8, 1911.

P. F. W. RUTHER, JOHN H. FOOTE, JOHN J. KILCOURSE, Commissioners of Estimate; P. F. W. RUTHER, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending AVENUE M, from Ocean avenue to Ocean parkway, except the lands occupied by the tracks of the Long Island Railroad and the Brooklyn and Brighton Beach Railroad, in the Thirty-first and Thirty-second Wards, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 22d day of May, 1911, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Avenue M, from Ocean avenue to Ocean parkway, except the lands occupied by the tracks of the Long Island Railroad and the Brooklyn and Brighton Beach Railroad, in the Thirty-first and Thirty-second Wards, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the eastern line of Ocean parkway with the southern line of Avenue M, as the same are laid out on the map of the City;

1—Thence northerly along the eastern line of Ocean parkway 80.0 feet;

2—Thence easterly deflecting 90° to the right 2,546.0 feet, to the western line of the land of the Brooklyn and Brighton Beach Railroad Company;

3—Thence southerly deflecting 90° to the right 62.72 feet, along the land of the Long Island Railroad, to the northern line of Elm avenue;

4—Thence easterly deflecting 105° 19′ 44″ to the left along the northern line of Elm avenue 129.61 feet, to the western line of East Sixteenth street;

5—Thence northerly deflecting 74° 40′ 16″ to the left along the western line of East Sixteenth street 28.46 feet;

6—Thence easterly deflecting 90° to the right 1,121.56 feet, to the western line of Ocean avenue;

7—Thence southerly along the western line of Ocean avenue 80.0 feet;

8—Thence westerly deflecting 90° to the right 3,792.56 feet, to the point of beginning.

The Board of Estimate and Apportionment on the 8th day of July, 1907, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line midway between Avenues L and N; on the east by a line midway between Ocean avenue and East Twenty-first street; on the south by a line midway between Avenues M and N, and on the west by a line midway between Ocean parkway and East Fifth street.

Dated New York, May 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. m8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired in fee, to the lands and premises required for the opening and extending of STOCKHOLM STREET, between the Borough line and Woodward avenue, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, Second Department, duly made and entered in the office of the Clerk of the County of Queens on the 4th day of October, 1910, so as to apply to Stockholm street, from the Borough line to Woodward avenue, as shown upon Section 15 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, in the Municipal Building, Court House Square Long Island City, in the Borough of Queens, in The City of New York, on or before the 23d day of May, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 25th day of May, 1911, at 9.30 o'clock a. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 23d day of May, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 26th day of May, 1911, at 9.30 o'clock a. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 3d day of December, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the southwest by the Borough line; on the northwest by a line through the middle of the block, between Stockholm street and DeKalb avenue, extending to a point distant 100 feet northeasterly from the northeasterly line of Woodward avenue, measured on a line at right angles thereto; on the northeast by a line 100 feet northeasterly from and parallel with the northeasterly side of Woodward avenue, and on the southeast by a line through the middle of the block between Stockholm street and Stanhope street, the same being extended to meet the line last described.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 25th day of May, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 29th day of June, 1911, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 27, 1911.

GORDON GORDON, Chairman; PETER A. LEININGER, CORTLANDT C. WOODBURN, Commissioners of Estimate; CORTLANDT C. WOODBURN, Commissioner of Assessment.

JOSEPH J. MYERS, Clerk. m3,19

SUPREME COURT—SECOND JUDICIAL DISTRICT.

SECOND JUDICIAL DISTRICT.

In the matter of the application and petition of Seth Low, Edward M. Grout, Alexander E. Orr, Charles Stewart Smith, Morris K. Jesup, John H. Starin, Woodbury Langdon and John Claflin, constituting the Board of Rapid Transit Railroad Commissioners of The City of New York, for and on behalf of said City, for the appointment of Commissioners of Appraisal under Chapter 4 of the Laws of 1891, and the various statutes amendatory thereof and supplemental thereto, relative to acquiring a perpetual underground right, easement and right of way under Joralemon street, from a point therein, between the East River and Furman street to its intersection with Fulton street; Fulton street, from its intersection with Joralemon street to its intersection with Flatbush avenue; Flatbush avenue, from its intersection with Fulton street to a point at or near its intersection with Atlantic avenue; Fulton street, from its intersection with Joralemon street to its intersection with Court street; Court street, from its intersection with Joralemon street to its intersection with Fulton street.

NOTICE IS HEREBY GIVEN THAT THE Third Separate Report of Harmanus B. Hubbard, Thomas J. Redmond and T. Ellett Hodgskin, the Commissioners of Appraisal duly appointed in the above-entitled proceeding, which report bears date the 25th day of April, 1911, was filed in the office of the Clerk of the County of Kings, on the 25th day of April, 1911.

Notice is further given that said report will be presented for confirmation to the Supreme Court of the State of New York at a Special Term for the hearing of motions to be held in the Second Judicial District at the County Court House, in the Borough of Brooklyn, City of New York, on the 25th day of May, 1911, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, May 9, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m9,24

SUPREME COURT—NINTH JUDICIAL DISTRICT.

NINTH JUDICIAL DISTRICT.

WESTCHESTER COUNTY.

Southern Aqueduct Department.

Catskill Aqueduct—Section No. 16.

Third Separate Report.

In the matter of the application and petition of John A. Bensel, Charles N. Chadwick and Charles A. Shaw, constituting the Board of Water Supply of The City of New York, to acquire real estate for and on behalf of The City of New York, under Chapter 724 of the Laws of 1905, and the acts amendatory thereof, in the Town of Greenburg, and the City of Yonkers, Westchester County, New York, for the purpose of providing an additional supply of pure and wholesome water for the use of The City of New York.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Third Separate Report of the Commissioners of Appraisal in the above entitled matter dated March 3, 1911, and filed in the office of the County Clerk of Westchester County, at White Plains, New York, on the 4th day of March, 1911, embracing Parcels 1094, 1096, 1106, 1116, 1117, 1124, parts of 1125, 1126, 1127, 1129, 1131, 1154, will be presented to the Supreme Court for confirmation, at a Special Term thereof, to be held in and for the Ninth Judicial District, at chambers in New Rochelle, New York, on the 27th day of May, 1911, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard.

Reserving to The City of New York the right to oppose the confirmation of any or all awards or recommendations contained in said report.

Dated May 3, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, corner Chambers and Centre streets, New York City. m6,27

NINTH JUDICIAL DISTRICT.

WESTCHESTER COUNTY.

Southern Aqueduct Department.

Catskill Aqueduct—Section No. 14.

Third Separate Report.

In the matter of the application and petition of John A. Bensel, Charles N. Chadwick and Charles A. Shaw, constituting the Board of Water Supply of The City of New York, to acquire real estate for and on behalf of The City of New York, under Chapter 724 of the Laws of 1905, and the acts amendatory thereof, in the Town of Mount Pleasant, Westchester County, New York, for the construction of Catskill Aqueduct and appurtenances, from town line near Chappaqua to Kensico Reservoir taking line.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Third Separate Report of the Commissioners of Appraisal in the above entitled matter, dated March 11, 1911, and filed in the office of the Clerk of the County of Westchester, at White Plains, New York, on the 16th day of March, 1911, embracing Parcels 963, 964, 965, 967, 969, 970, 972, 973, 976, 980, 982, 1000, 1001, 1003, 1004 and the claim of Ida Keeler, will be presented to the Supreme Court for confirmation, at a Special Term thereof, to be held in and for the Ninth Judicial District, to be held at chambers in New Rochelle, New York, on the 27th day of May, 1911, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard.

Reserving to The City of New York the right to oppose the confirmation of all or any of the awards or recommendations contained in said report.

Dated New York, May 3, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Office and Post Office Address, corner Chambers and Centre streets, Borough of Manhattan, New York City. m6,27

NINTH JUDICIAL DISTRICT.

WESTCHESTER COUNTY.

Hill View Reservoir, Section No. 2.

Ninth Separate Report.

In the matter of the application and petition of J. Edward Simmons, Charles N. Chadwick and Charles A. Shaw, constituting the Board of Water Supply of The City of New York, to acquire real estate for and on behalf of The City of New York, under Chapter 724 of the Laws of 1905, and the acts amendatory thereof in the City of Yonkers, Westchester County, New York, for the purpose of providing an additional supply of pure and wholesome water for the use of The City of New York.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Ninth Separate Report of the Commissioners of Appraisal in the above entitled matter dated April 12, 1911, filed in the office of the County Clerk of Westchester County at White Plains, N. Y., on the 20th day of April, 1911, covering Parcel 119, will be presented to the Supreme Court for confirmation at a Special and Trial Term thereof to be held in and for the Ninth Judicial District at the Court House in White Plains, N. Y., on the 19th day of May, 1911, at 9.45 o'clock in the forenoon of that day or as soon thereafter as counsel can be heard. Reserving to The City of New York the right to oppose the confirmation of the award or recommendation contained in said report.

Dated April 25, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, corner Chambers and Centre streets, New York City. a28,m19

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of $50, the sum of $50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances, between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstance of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resoved, That, while the said sale is held under the supervision of the Commissioner of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department, and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a Department, chief of a Bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless, as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately.

The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

Bidders will write out the amount of their bids or estimates in addition to inserting the same in figures.

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.