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## THE CITY RECORD.

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JOHN PURROY MITCHEL, MAYOR.  
LAMAR HARDY, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER.

DAVID FERGUSON, SUPERVISOR.

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## BOARD OF ESTIMATE AND APPORTIONMENT

### PUBLIC HEARINGS FOR TAXPAYERS.

#### Budget for 1916.

PUBLIC NOTICE IS HEREBY GIVEN That, pursuant to a resolution adopted by the Board of Estimate and Apportionment on October 1, 1915, and amended on October 22 and 25, 1915, PUBLIC HEARINGS will be held on WEDNESDAY, OCTOBER 27, 1915, at 10 o'clock A. M., THURSDAY, OCTOBER 28, 1915, at 10 o'clock A. M., and on FRIDAY, OCTOBER 29, 1915, at 2 o'clock P. M., in Room 16, City Hall, Borough of Manhattan, in regard to the BUDGET FOR 1916, as tentatively prepared, and the TAXPAYERS OF THE CITY are invited to appear and be heard on those days, relative to appropriations to be made and included in said Budget.

The hearings will begin on Wednesday, A. M., in the alphabetical order of Departments, with the exception of the Department of Education and the Public Libraries.

The hearings upon the Department of Education and the Public Libraries will be held on Friday, October 29, 1915, at 2 o'clock P. M.

Dated, New York, October 26, 1915.

o26,29

JOSEPH HAAG, Secretary.

## BOARD OF ALDERMEN.

### Public Hearings by the Committee on Buildings.

PUBLIC NOTICE IS HEREBY GIVEN that the Committee on Buildings of the Board of Aldermen will hold a public hearing in the Aldermanic Chamber, City Hall, Borough of Manhattan, on THURSDAY, NOVEMBER 11, 1915, at 2 o'clock p. m., on the following matters:

No. 2135. Ordinance relating to Fire Extinguishing Appliances.

No. 2136. Ordinance relating to Miscellaneous Requirements.

(Both of these proposed ordinances may be found in the minutes of the Board of Aldermen published in the City Record of Thursday, October 28, 1915.)

All persons interested are invited to attend.

o28,n11 P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.

PUBLIC NOTICE IS HEREBY GIVEN that the Committee on Buildings of the Board of Aldermen will hold a public hearing in the Aldermanic Chamber, City Hall, Borough of Manhattan, on THURSDAY, NOVEMBER 4, 1915, at 2 o'clock p. m., on the following matters:

No. 2121. Ordinance relating to unsafe buildings and collapsed structures.

No. 2122. Ordinance relating to the enforcement of Chapter 5 of the Code in relation to violations.

(Both of these proposed ordinances may be found in the minutes of the Board of Aldermen published in the City Record of Thursday, October 21, 1915.)

All persons interested are invited to attend.

o21,n4 P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.

## PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for the Week Commencing October 25, 1915.

Thursday, October 28, 1915—11.00 A. M.—Room 305—Case No. 2022—Long Island Railroad Company—"Application for permission to construct and operate branch from Creedmoor to a point west of Lawrence Street, Flushing"—Com-

sioner Cram. 11.00 A. M.—Room 305—Case No. 2023—Long Island Railroad Company—"Application for determination as to manner in which proposed Creedmoor-Flushing Branch should cross various streets"—Commissioner Cram. 11.30 A. M.—Room 310—Case No. 1952—Interborough Rapid Transit Company et al.—"Relocating as to the carrying of bundles, newspapers, baggage and other property by passengers on elevated and subway lines"—Commissioner Hayward. 2.30 P. M.—Room 305—Case No. 2024—Bush Terminal Railroad Company—"Organization, operations, franchises, rights, duties and obligations"—Commissioner Williams.

Friday, October 29, 1915—11.00 A. M.—Room 305—Case No. 2003—Interborough Rapid Transit Company—"Construction of new station at 8th Avenue and 150th Street on Ninth Avenue elevated line"—Commissioner Wood. 11.00 A. M.—Room 310—Case No. 1959—Long Island Railroad Company—"Alteration of crossing at Howard Avenue on Atlantic Division, Borough of Brooklyn"—Commissioner Cram. 12.00 Noon—14th floor—Sections 9-O-4 and 9-O-5—"Opening of bids for alteration of street manhole heads over pipe galleries"—2.00 P. M.—Room 305—Case No. 1540—Edison Electric Illuminating Company of Brooklyn—Albert Moritz et al.—"Rate for electricity in Brooklyn"—Commissioner Hayward.

Regular meeting of the Commission held Tuesday and Friday at 12.15 p. m.

Meeting of the Committee of the Whole held Tuesday, Wednesday, Thursday and Friday at 10.30 a. m.

## THE BOARD OF ALDERMEN OF THE CITY OF NEW YORK.

### STATED MEETING.

Tuesday, October 26, 1915, 1.30 o'clock P. M.

The Board met in the Aldermanic Chamber, City Hall.

Present:

Hon. George McAneny, President of the Board of Aldermen.

Aldermen

Henry H. Curran,	Alexander Dujat,	Robert L. Moran.
Vice-Chairman.	Edward Eichhorn.	Frank Mullen.
Jacob Bartscherer,	John T. Eagan.	James F. Mullen.
Daniel M. Bedell.	James R. Ferguson.	James J. Nugent.
Albert C. Benninger.	August Ferrand.	John J. O'Rourke.
Robert H. Bosse.	William Fink.	Henry Ottes.
William D. Brush.	John S. Gaynor.	Wm. H. Pendry.
Samuel J. Burden.	Joseph M. Hannon.	Charles A. Post.
William H. Burns.	Michael J. Hogan.	Hyman Pouker.
Michael Carberry.	Oscar Igstaedter.	William F. Quinn.
William H. Chorosh.	William P. Kenneally.	Harry Robitzek.
Charles P. Cole.	Francis P. Kenney.	Isidor M. Rosenblum.
John Kochendorfer.	John Kochendorfer.	Peter Schweickert.
William J. Lein.	Abraham M. Levy.	Arnon L. Squiers.
Frank Cunningham.	John McCann.	Michael Stapleton.
Charles Delaney.	John F. McCourt.	Frederick H. Stevenson.
John Diemer.	William P. McGarry.	Edward H. Taylor.
Bernard E. Donnelly.	Anthony J. McNally.	Frederick Trau.
Frank Dostal, Jr.	James A. Milligan.	Edward B. Valentine.
Frank J. Dotzler.	James J. Molen.	Jacob Weil.
Frank L. Dowling.	Charles J. Moore.	John J. White.
William Duggan.		Frederick H. Wilmot.

Calvin D. Van Name, President, Borough of Richmond, by Henry P. Morrison, Commissioner of Public Works.

Maurice E. Connolly, President, Borough of Queens, by James A. Dayton, Commissioner of Public Works.

Douglas Mathewson, President, Borough of The Bronx, by John G. Borgstede, Commissioner of Public Works.

Lewis H. Pounds, President, Borough of Brooklyn, by Edmund W. Voorhies, Commissioner of Public Works.

Marcus M. Marks, President, Borough of Manhattan.

The President announced that Alderman Schmelzel had been excused from attendance.

The Clerk proceeded to read the minutes of the stated meeting of October 19, 1915.

On motion of Alderman Kenneally, further reading was dispensed with, and the minutes were approved as printed.

### COMMUNICATIONS FROM CITY, COUNTY AND BOROUGH OFFICERS.

The President laid before the Board the following communication from the President of the Borough of Manhattan:

No. 2124.

**Request of the President of the Borough of Manhattan for Special Revenue Bonds, \$3,700, for the Purpose of Making Alterations to the Sixth, Seventh and Eighth Floors of the Hall of Records Building.**

City of New York, President of the Borough of Manhattan, Municipal Building, October 25, 1915.

Hon. GEORGE MCANENY, President, Board of Aldermen, City Hall, N. Y.:

Dear Sir—Request is hereby made for an issue of special revenue bonds in the amount of \$3,700, for the purpose of making alterations to the sixth, seventh and eighth floors of the Hall of Records Building, in accordance with the tentative plans prepared by the Commissioner of Records.

The proposed work will consist of installation of partitions, painting, alterations to the lighting system and minor other changes necessary to prepare the floors for the use of the Commissioner of Records.

This matter was under consideration of the Corporate Stock Committee and was referred to the Bureau of Contract Supervision of the Board of Estimate and Apportionment, who recommended that special revenue bonds be requested in place of corporate stock, and the amount be reduced from \$4,500, which was the original estimate.

Your early consideration will oblige, very truly yours,

MARCUS M. MARKS, President, Borough of Manhattan

In connection herewith the Vice-Chairman offered the following resolution and moved its adoption:

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 three thousand seven hundred dollars (\$3,700), the proceeds whereof to be used by the President of the Borough of Manhattan for the purpose of making alterations to the sixth, seventh and eighth floors of the Hall of Records Building, to consist of the installation of partitions, painting, alterations to the lighting system and other minor changes necessary to prepare the floors for the use of the Commissioner of Records.

The President put the question whether the Board would agree to adopt said resolution.

Which was unanimously decided in the affirmative by the following vote:

Affirmative—Alderman Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.



The President laid before the Board the following communications from the Board of Estimate and Apportionment:

No. 2125.

**Board of Estimate and Apportionment—Resolutions Fixing Sidewalk and Roadway Widths.**

City of New York, Board of Estimate and Apportionment, Office of the Secretary, Municipal Building, October 19, 1915.

Hon. GEORGE McANENY, President, Board of Aldermen:

Dear Sir—I transmit herewith for the information of the Board of Aldermen certified copies of resolutions adopted by the Board of Estimate and Apportionment October 1, 1915, viz.:

Cal. No. 2. Resolution adjusting the sidewalk grade of Lexington Avenue, between East 41st Street and East 53rd Street, Borough of Manhattan.

Cal. No. 7. Resolution fixing roadway and sidewalk widths of East 92nd Street, between the right of way of the Long Island Railroad and Avenue D, Borough of Brooklyn. Respectfully,

JAMES MATTHEWS, Assistant Secretary.

Resolved, That in sections where there are no encroachments the sidewalk of Lexington Avenue, between East 41st Street and East 53rd Street, Borough of Manhattan, shall have such a slope as to conform with the grades shown for the curb on the plan adopted by the Board of Estimate and Apportionment on October 1, 1915, and with the existing grade at the building line, and that through the remaining length the general resolution heretofore adopted relative to sidewalk grades shall apply.

I hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Estimate and Apportionment at a meeting of said Board held on October 1st, 1915.

JAMES MATTHEWS, Assistant Secretary.

Resolved, That the Board of Estimate and Apportionment hereby fixes the width of the roadway of East 92nd Street, between the right of way of the Long Island Railroad and Avenue D, Borough of Brooklyn, at 30 feet, with a sidewalk width of 15 feet on the westerly side of the street; the remaining area within the street lines to be devoted to the easterly sidewalk.

I hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Estimate and Apportionment at a meeting of said Board held on October 1st, 1915.

JAMES MATTHEWS, Assistant Secretary.

Which was ordered on file.

No. 2126.

**Board of Estimate and Apportionment—Resolution to Establish the Grade of Position of Assistant Electrical Engineer in the Fire Department.**

City of New York, Board of Estimate and Apportionment, Office of the Secretary, Municipal Building, October 25, 1915.

To the Honorable the Board of Aldermen:

Gentlemen—I transmit herewith certified copies of four resolutions adopted by the Board of Estimate and Apportionment October 22, 1915, relative to the establishment of various grades of positions, as follows:

Department and Position.	Rate Per Annum.	Incumbents
Cal. No. 74. Fire Department—Assistant Electrical Engineer .....	\$1,800 00	One
Cal. No. 75A. Department of Education— Chief of the Furniture Department.....	2,400 00	One
Assistant Chief of the Furniture Department .....	1,920 00	One
Cal. No. 77. Department of Education—Janitors of various Public Schools at rates set forth in resolution.		
Cal. No. 78. Department of Education—Janitors of various Public Schools at rates set forth in resolution.		

I also enclose copies of reports of the Committee on Salaries and Grades relative thereto. Respectfully,

JOSEPH HAAG, Secretary.

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.
Assistant Electrical Engineer .....	\$1,800 00	One

A true copy of resolution adopted by the Board of Estimate and Apportionment October 22, 1915.

JOSEPH HAAG, Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, October 2, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On September 17, 1915, the Fire Commissioner requested establishment in his Department, pursuant to the provisions of section 56 of the Greater New York Charter, of the position of Assistant Electrical Engineer, at \$1,800 per annum. The request was referred to the Committee on Salaries and Grades on September 23, 1915. The Bureau of Standards reports thereon as follows:

"The request is made for the purpose of changing the title of Christopher Peterson, now employed in the Bureau of Fire Prevention under the title of Electrical Inspector at \$1,800 per annum.

"The work performed by Mr. Peterson, according to the proposed specifications for the Engineering Group, is that of a Junior Electrical Engineer, with compensation ranging from \$1,200 to \$2,100 per annum.

"Mr. Peterson's work brings him in contact with Engineers, and the Fire Commissioner believes that greater efficiency in the work would result if his title were changed. Mr. Peterson was appointed to his present position on May 20, 1912, and was certified by the Municipal Civil Service Commission from the eligible list for Assistant Electrical Engineer.

"No increase in salary is involved."

In view of the foregoing we recommend the adoption of the attached resolution providing for the establishment in the Fire Department of the position of Assistant Electrical Engineer at \$1,800 per annum, for one incumbent. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen; Committee on Salaries and Grades.

No. 2127.

**Board of Estimate and Apportionment—Resolution to Establish the Grades of Positions of Chief and Assistant Chief of the Furniture Division, Department of Education.**

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 Education, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Chief of the Furniture Division.....	\$2,400 00	One
Assistant Chief of the Furniture Division.....	1,920 00	One

A true copy of resolution adopted by the Board of Estimate and Apportionment October 22, 1915.

JOSEPH HAAG, Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, October 15, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On October 4, 1915, the Department of Education requested permission in accordance with resolution 2-C of the terms and conditions of the Budget, to fill the vacant position of Chief of the Furniture Division at \$2,600 per annum. The department on September 24, 1915, likewise requested permission to fill the vacant position of Assistant Chief at \$2,355 per annum. The Bureau of Standards reports thereon as follows:

"The purpose of the request in so far as it relates to the filling of the position

of Chief is to promote Mr. Trimble Foster, at present an Inspector of Masonry and Carpentry at \$2,355, to the position at \$2,600 per annum. For the past eight years the position 'Chief of the Furniture Division—\$2,600' has been provided for in the Budget and never filled, during which period Mr. Foster has been acting in the capacity of Chief, being paid from the line schedule, Inspector of Masonry and Carpentry at \$2,355 per annum. It is now intended to pay Mr. Foster at the rate of \$2,600 and promote him to the vacant position. The function of the Furniture Division is to determine the kind of furniture needed in new schools, arrange for its purchase, inspect it upon delivery, and see to its proper installation. This necessitates a special knowledge and ability to supervise repairs which is incidental to such work. Mr. Foster actively supervises a force of about nine persons engaged upon this work in Manhattan Borough and exercises only nominal supervision over the forces in the other boroughs. The duties of the position fall within Grade 2 of the Inspector of Repairs and Supplies Group of the Inspectional Service, with a salary range from \$1,620 to \$2,400 per annum. Consideration should be given to the evident satisfactory services rendered by Mr. Foster for the past eight years, and it appears reasonable that the salary rate be fixed at the maximum of the grade, \$2,400 per annum.

"That part of the request dealing with the filling of the position of Assistant Chief has for its purpose the promotion of Mr. Joseph B. Guise, now an Inspector of Masonry and Carpentry at \$1,727 per annum, to the position of Assistant Chief at \$2,355 per annum. This position has been likewise vacant for the past four years, although provision was made yearly for its continuance. Mr. Guise has been acting as Assistant Chief for four years with no increase in compensation over the \$1,727 allowed him as Inspector of Masonry and Carpentry. The duties of this position are similar to those of Chief, the only difference being one of location, the Assistant Chief being in charge of the Borough of Brooklyn. The work to be performed by Mr. Guise would likewise fall within Grade 2 of the Inspector of Repairs and Supplies Group of the Inspectional Service, with a salary range from \$1,620 to \$2,400 per annum. The salary for this position, however, should not be fixed at the same rate as the Chief of the Division, as it is maintained that the Chief supervises the work of Mr. Guise. For the position of Assistant Chief it appears reasonable to fix the rate at \$1,920, an increase over the minimum of the grade, but commensurate with the recognized ability of the proposed incumbent.

"As Mr. Foster has been employed for eight years under the title of Inspector of Masonry and Carpentry and Mr. Guise has been employed under a similar title, it is apparent that the line schedule 'Inspector of Masonry and Carpentry at \$2,355' should be eliminated in No. 861-TC and the line schedule Inspector of Masonry and Carpentry at \$1,727 per annum reduced from 12 to 11 and \$4,082 placed in balance unassigned."

In view of the above facts, we recommend the adoption of the attached resolutions. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen; Committee on Salaries and Grades.

No. 2128.

**Board of Estimate and Apportionment—Resolution to Fix the Compensation of Certain Janitors in the Department of Education.**

Whereas, By opinions of the Corporation Counsel as of June 28 and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education was illegal unless such salaries shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The Special Committee on Janitorial Compensation and the Committee on School Inquiry, Board of Estimate and Apportionment, submitted a joint report on March 27, 1913, which contained detailed suggestions and recommendations for the reorganization of the janitorial force of the Department of Education; 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 action by the Board of Education on the aforesaid report, that the compensation of Janitors in the Department of Education be fixed temporarily and until further modified, in accordance with the following list:

Janitor, P. S. 45, Queens, per annum .....	\$1,200 00
Janitor, P. S. 52 (new), Manhattan, per annum .....	3,408 00
Janitor, P. S. 36 (including new addition), Brooklyn, per annum.....	3,432 00
Janitor, P. S. 50 (new), Brooklyn, per annum .....	3,324 00
Janitor, P. S. 169 (new), Brooklyn, per annum .....	3,804 00
Janitor, P. S. 91 (new), Queens, per annum .....	3,888 00
Janitor, P. S. 96 (new), Queens, per annum .....	2,268 00
Janitor, Flushing High School, Queens, per annum.....	5,364 00
Janitor, P. S. 50 (new), Brooklyn, per month .....	100 00
Janitor, P. S. 169 (new), Brooklyn, per month .....	100 00
Janitor, P. S. 104, Manhattan, per annum less \$286.....	3,000 00
Janitor, P. S. 22, Brooklyn, per annum less \$221.....	1,440 00
Janitor, P. S. 96 (new), Queens, per annum less \$221.....	2,268 00
Janitor, P. S. 67, Queens, per month .....	10 00
Janitor, P. S. 72, Queens, per month .....	25 00

A true copy of resolution adopted by the Board of Estimate and Apportionment, October 22, 1915.

JOSEPH HAAG, Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Committee on Education, October 13, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On September 29, 1915, the Board of Education requested establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of rates of compensation for the Janitors of Public Schools Nos. 52 (new), 104, Manhattan; 22, 36, 50 (new), 169 (new), Brooklyn; 45, 67, 72, 91 (new), 96 (new), Flushing High School, Queens. In connection therewith we report as follows:

Regular rates based upon the adopted measurement schedule are requested for new school buildings as indicated below:

Name.	Regular Rate.	Effective.
P. S. 52 (new) Manhattan .....	\$3,408 00	Sept. 16, 1915
P. S. 36 (including new addition) Brooklyn.....	3,432 00	Sept. 13, 1915
P. S. 50 (new) Brooklyn .....	3,324 00	Sept. 13, 1915
P. S. 169 (new) Brooklyn .....	3,804 00	Sept. 13, 1915
P. S. 91 (new) Queens .....	3,888 00	Sept. 13, 1915
P. S. 96 (new) Queens .....	2,268 00	Oct. 1, 1915
Flushing High School, Queens .....	5,364 00	Sept. 13, 1915

Temporary rates of \$100 per month are also requested for P. S. 50 (new) and 169 (new), Brooklyn, respectively, to compensate the Janitors who were assigned to these new buildings previous to their opening for the purpose of preparing them for occupancy.

For the following schools, temporary rates are requested, being the regular rates less rent allowance:

Name.	Regular Rate.	Rent Allowance.	Temporary Rate.
P. S. 104 Manhattan .....	\$3,000 00	\$286 00	\$2,714 00
P. S. 22 Brooklyn .....	1,440 00	221 00	1,219 00
P. S. 96 (new) Queens .....	2,268 00	221 00	2,047 00

For P. S. 45, Queens, a regular rate of \$1,200 per annum is requested. The rate now fixed for this building is \$1,716 per annum based upon the measurements of the building. The proposed reduction in rate is due to the fact that half of this building has been abandoned for school purposes by reason of the opening of new Public School 91, Queens. For Public School 67, Queens, which has been entirely abandoned for school purposes a rate of \$10 per month is requested as compensation for the janitor assigned to the building as watchman. For Public School 72, Queens, which is operated under the direct system, a temporary rate of \$25 per month is requested, being the rate of compensation proposed for the janitor assigned to the temporary care of this building.

We recommend the adoption of the attached resolution granting the request. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen; Committee on Salaries and Grades.



No. 2129.

**Board of Estimate and Apportionment—Resolution to Fix the Compensation of Certain Janitors in the Department of Education.**

Whereas, By opinions of the Corporation Counsel as of June 28 and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in Department of Education was illegal unless such salaries shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, the Special Committee on Janitorial Compensation and the Committee on School Inquiry, Board of Estimate and Apportionment, submitted a joint report on March 27, 1913, which contained detailed suggestions and recommendations for the reorganization of the Janitorial force of the Department of Education; 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 action by the Board of Education on the aforesaid report, that the compensation of Janitors in the Department of Education be fixed temporarily and until further modified, in accordance with the following list:

Janitor, P. S. 52, Manhattan (new addition), per month.....	\$100 00
Janitor, P. S. 36, Brooklyn (new addition), per month.....	50 00
Janitor, P. S. 91, Queens, per month .....	100 00
Janitor, Flushing High School, Queens, per month.....	100 00
Janitor, P. S. 50, Brooklyn, per annum, less \$221.....	1,008 00
Janitor, P. S. 103, Brooklyn, per annum, less \$221.....	3,084 00
Janitor, P. S. 104, Brooklyn, per annum, less \$221.....	2,784 00
Janitor, P. S. 92, Queens (annex), per month.....	40 00
Janitor, P. S. 153, Brooklyn (annex), per month.....	50 00

A true copy of resolution adopted by the Board of Estimate and Apportionment, October 22, 1915. JOSEPH HAAG, Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Committee on Education, October 11, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On September 15, 1915, the Board of Education requested establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of rates of compensation for the janitors of Public School Numbers 52, Manhattan (new addition); 36 (new addition), 50, 103, 104 and 153 (annex), Brooklyn; 91 (new), 92 (annex) and Flushing High School, Queens. In connection therewith we report, as follows:

Janitors have been assigned to the temporary care of the following new school buildings for the purpose of getting them ready for occupancy, with compensation at the rate indicated below:

P. S. 52, Manhattan (new addition) .....	\$100 per month
P. S. 36, Brooklyn (new addition) .....	50 per month
P. S. 91, Queens (new) .....	100 per month
Flushing High School, Queens (new).....	100 per month

For the following schools temporary rates are requested, being the regular rates less rent allowance:

Name.	Regular Rate.	Rent Allowance.	Temporary Rate.
P. S. 50, Brooklyn .....	\$1,008 00	\$221 00	\$787 00
P. S. 103, Brooklyn .....	3,084 00	221 00	2,863 00
P. S. 104, Brooklyn .....	2,784 00	221 00	2,563 00

For the annex to P. S. 92, Queens a rate of \$45 per month is requested; and for the annex to P. S. 153, Brooklyn, a rate of \$50 per month is requested. The former is a two-room portable building located at 47th Street near Astoria Road, Corona, some eight blocks from the main building; the latter is a four-room portable building located at East 23rd Street and Kings Highway and is about one-half mile from the main building. The rates proposed for these portable buildings are higher than the rates paid for the care of similar portables when located on the premises due to the fact that on account of their distance from the main building it is necessary for the janitors to assign cleaners to them to act as care-takers during the entire time while school is in session. As regards the rate proposed for P. S. 92, Queens, namely, \$45 per month, it should be noted that in the case of the annex to P. S. 97, Brooklyn, which is also a two-room portable located about seventeen blocks from the main building, your Board recommended a rate of \$480 per annum or \$40 per month which rate was requested by the Board of Education.

We recommend the adoption of the attached resolution granting the request with the exception of P. S. 92, Queens (annex), for which we recommend a rate of \$40 per month instead of \$45 per month as requested. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE MCANENY, President, Board of Aldermen; Committee on Salaries and Grades.

Which were severally referred to the Committee on Salaries and Offices.

**REPORTS OF STANDING COMMITTEES.**

Reports of Committee on Buildings—

No. 2100—(G. O. No. 732).

**Report of the Committee on Buildings in Favor of Adopting Ordinance in Relation to Frame Buildings in The City of New York.**

The Committee on Buildings, to which was referred on October 5, 1915 (Minutes, page 64), the annexed ordinance in relation to frame buildings in The City of New York, respectfully

**REPORTS:**

That it held a public hearing on the subject, at which some objections were filed to a few unimportant provisions. These have been met so far as is compatible with proper regulation, and the Committee recommends that the accompanying substitute ordinance be adopted.

**SUBSTITUTE.**

AN ORDINANCE in relation to frame buildings in the City of New York. Be It Ordained by the Board of Aldermen of The City of New York as follows: Section 1. Article 22 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

**ARTICLE 22.**

Frame [construction] buildings.

- [Section 470. Frame structures within the fire limits.
- 471. Construction of buildings outside of fire limits.
- 472. Buildings in undeveloped sections.]
- Section 470. Height.
- 471. Area.
- 472. Frame construction.
- 473. Filling in walls.
- 474. Roofing.
- 475. Towers.
- 476. Piazzas.
- 477. Minor structures.
- 478. Temporary structures.
- 479. Miscellaneous frame structures.
- 480. Permissible alterations.
- 481. Use of masonry walls.

§ 470. Height. Except as may be otherwise specifically provided in this chapter, or in the rules authorized thereunder, no frame building or structure hereafter erected or enlarged shall exceed forty feet in height.

§ 471. Area. 1. Building area. No frame building hereafter erected or enlarged shall exceed five thousand square feet in area.

2. Plot area. The combined area of frame buildings, sheds and outhouses located on any lot or plot shall not exceed eighty per cent. of the area of that part of the lot or plot which is not already covered by fireproof or non-fireproof buildings.

§ 472. Frame construction. The wood frame work of all frame buildings, hereafter erected, shall consist of sills, posts, girts and plates of suitable size and materials with proper mortise and tenon framing and braced with studs at all angles, but this shall not prohibit the use of balloon framing with proper sills and ribbon strip provided diagonal sheathing is used. Floor and roof beams and rafters shall be not less than two inches in thickness. No part of the wood frame work shall be built below the ground level.

§ 473. Filling in walls. 1. Independent walls. Any exterior wall of frame construction, hereafter erected within three feet of a side or rear line of the lot or plot on which it is located, or hereafter erected as the side wall of any frame tenement house, shall have the spaces between the studding filled in solidly with brickwork or other approved incombustible material.

2. Party walls. Every party wall of frame construction hereafter erected shall have the studding filled in solidly with brickwork or other approved incombustible material not less than four inches thick. Every interior wall of frame construction extending from front to rear without openings and dividing the building into separate and distinct parts, shall have the studding filled in solidly with brickwork or other approved incombustible material.

3. Extent of filling. The filling herein required in exterior or party walls of frame construction shall in all cases be carried up from the ground to the under side of the roof boards.

§ 474. Roofing. 1. Within the fire limits. Any roofing hereafter placed on any frame building within the fire limits shall be of approved incombustible materials, provided that any existing shingle roof may be repaired at any time to an extent of not more than twenty-five per cent. of its surface.

2. Outside of fire limits. Nothing in this chapter shall prevent the use of wood shingles outside the fire limits on any building which, under the provisions of this chapter, is permissible of frame construction.

§ 475. Towers. 1. On residence buildings. Outside of the fire limits towers, turrets or minarets of frame construction may be erected on frame buildings occupied or used exclusively as residence buildings, provided they do not extend more than ten feet above the limiting height for frame buildings and do not cover an aggregate area of more than fifteen per cent. of the roof area of the building, and that the greatest horizontal dimension of any one tower, turret or minaret is not more than fifteen feet.

2. Church spires. Outside of the fire limits and the suburban limits, towers or spires of frame construction may be erected on frame buildings occupied or used exclusively as churches or other places of worship, provided they do not exceed a height of seventy-five feet above the curb or ground level.

3. Covering. All towers or other structures provided for in this section shall be covered on the exterior with approved incombustible roofing.

§ 476. Piazzas. Within the fire limits and the suburban limits, piazzas or balconies of wood may be erected on residence buildings having not more than fifteen sleeping rooms, provided they do not exceed twelve feet in width, and do not extend more than three feet above the second story floor beams. The roofs of all such piazzas or balconies shall be covered with incombustible material.

§ 477. Minor structures. 1. Sheds. Within the fire limits and the suburban limits sheds, open on at least one side, may be erected of wood, but such sheds shall not exceed fifteen feet in height, shall not cover an area exceeding twenty-five hundred square feet, shall not be placed nearer than four feet to any lot line, and shall be covered on the sides and roof with incombustible materials.

2. Outhouses. Outhouses of wood to be used exclusively for privies, or for the storage of coal or wood for domestic purposes, may be erected on the lot with any residence building within the fire limits or the suburban limits, provided they do not exceed eight feet in height, or one hundred and fifty square feet in area, and have the roofs covered with incombustible materials.

3. Builders' shanties. One-story buildings for the use of builders in connection with any building operation for which a permit has been issued, may be constructed of wood and placed on the lot or plot where such building operation is carried on, or on adjoining lots or plots if they do not interfere with the safe occupancy of any buildings thereon, or on the sheds which may be required or provided over the sidewalks in front of such building operation.

4. Fences. Fences of wood within the fire limits or the suburban limits shall not exceed twelve feet in height.

§ 478. Temporary structures. 1. Meaning. Temporary structures shall be taken to mean platforms, reviewing stands, gospel tents, circus tents and other structures that are erected to serve their purpose for a limited time.

2. Permit. Temporary structures shall not be erected until a permit, specifying the purpose and the period of maintenance, shall have been obtained from the superintendent of buildings.

3. How located. Within the fire limits or the suburban limits no temporary structure which is enclosed in any manner shall be placed on any lot nearer than four feet to the lot line.

4. Removal. Every temporary structure shall be removed at the expiration of the period for which the permit was issued, unless such permit is renewed.

5. Unlawful use. It shall be unlawful to use any temporary structure for any other purpose than that designated in the permit.

§ 479. Miscellaneous frame structures. Frame structures which are of an unusual character and to which the provisions of this chapter do not directly apply, including among others, buildings for fair and exhibition purposes, towers for observation, amusement devices, greenhouses and lumber sheds, and temporary structures of any kind shall be erected in conformity to such rules, consistent with the provisions of this chapter and securing the general intent thereof, as may be adopted by the superintendent of buildings.

§ 480. Permissible alterations. 1. Application. Subject to the requirements of this chapter as to construction, occupancy and location, any existing frame building within the fire limits or the suburban limits occupied exclusively as a residence building and having not more than fifteen sleeping rooms, may be altered and enlarged of frame construction as hereafter specified in this section, provided that no such building shall be altered or enlarged to be used for any other purpose.

2. Raising in height. a. Any such building situated in a row of frame buildings may be increased in height to conform to the height of adjoining buildings.

b. Any such building already exceeding twenty-five feet in height, that has a peaked roof, may be raised for the purpose of making a flat roof thereon, provided that the new roof is covered with incombustible material, and that, when so raised, the building shall not exceed forty feet in height to the highest part thereof.

c. Nothing in this section shall prohibit one-story and basement residence buildings from being increased one additional story in height.

3. Extensions. a. Any such building may be extended either on the front or rear to a depth of not more than fifteen feet and not more than the width of the building, and not more than two stories and basement in height.

b. If any such building has an extension of less width than the main building the same may be increased in width to the full width and height of the main building.

4. Bay windows. Any such building may have bay windows of wood placed on any story, the roofs of which may be covered with the same material as the roof of the main building, except when such a bay window would increase the width of the building to more than eighty-five per cent. of the width of the lot.

§ 481. Use of masonry walls. In case approved masonry or reinforced concrete is used for the exterior walls of any building which under the provisions of this chapter is permitted to be of frame construction, nothing in this chapter shall prohibit all other parts of the building from being constructed as though the entire building were of frame construction.

[§ 470. Frame structures within the fire limits. 1. Application. The provisions, in this section contained, shall apply to buildings and structures, whether temporary or permanent, within the fire limits, as the said fire limits now are or may hereafter be established.

2. Temporary structures. Temporary structures shall be taken to mean and include platforms, stands, election booths, temporary buildings and circus tents.

3. Fences. Before the erection of any fence shall have been commenced, a permit for the erection of the same shall be obtained from the superintendent of buildings having jurisdiction, as provided in § 3 of this chapter. Each application for the erection of any fence shall be accompanied by a written consent of the owner or owners, or the lessee or lessees of the property upon which it is to be erected. Fences shall not be at any point over 10 feet above the adjoining ground; except that when any fence shall be constructed entirely of metal or of wood covered on all sides with sheet metal, including the uprights, supports and braces for same, it shall not be at any point over 18 feet 6 inches above the adjoining ground. All fences shall be erected entirely within the building line, and be properly secured, supported and braced, and shall be so constructed as not to be or become dangerous.

4. Piazzas, balconies and bay windows. Piazzas or balconies of wood on buildings other than frame buildings which do not exceed 8 feet in width, and which do not extend more than 3 feet above the second story beams, may be erected, provided a permit from the superintendent of buildings be granted therefor. In connected houses, such piazzas or balconies may be built, provided the same are open on the front and have brick ends not less than 8 inches thick, carried up above the roof of such piazza or balcony, and coped with stone. The roofs of all piazzas shall be covered with some fireproof materials. Frame buildings already erected may have placed on any story piazzas, balconies or bay windows of wood, the roofs of which may be covered with the same material as the roof of the main building.



5. Outhouses. Exterior privies, and wood or coal houses not exceeding 150 square feet in superficial area and 8 feet high, may be built of wood, but the roofs thereof must be covered with metal, gravel or slate.

6. Sheds. Sheds of wood not over 15 feet high, open on at least one side, with the sides and roof covered with fireproof material, may also be built, but a fence shall not be used as the back or side thereof. Such sheds shall not cover an area exceeding 2,500, except by permission of the superintendent of buildings.

7. Temporary buildings. Temporary one-story frame buildings may be erected for the use of builders, within the limits of lots whereon buildings are in course of erection, or on adjoining vacant lots, upon permits issued by the superintendent of buildings.

§ 471. Construction of buildings, outside of fire limits. 1. Application of section. The provisions of this section shall apply to frame or other buildings hereafter erected outside of the fire limits, as the same are now or may hereafter be established, in portions of the city where streets are now or where they may hereafter be legally established.

2. Height. Three-story frame buildings may be erected to a height of 40 feet, said height being taken from the curb-line, where same exists, at the centre of front or side of building on which main entrance to upper floors is located. Where the walls of a building do not adjoin the street or building line then the average level of the ground on which the building stands may be taken in place of the curb-line. The measurement for height shall be to the highest point of roof beams in case of flat roof buildings, and to the average height of gable or roof in case of pitched roofs. Towers, turrets and minarets of wood may be erected to a height not to exceed 15 feet greater than the foregoing limited height, except that the spires of churches may be erected of wood to a height not exceeding 90 feet from the ground.

3. Footings. All footings or bottom stones shall be at least 6 inches wider on each side than the bottom width of foundation walls above, except where the outside of the foundation wall sets on the property line, in which case 6 inches wider on the inside shall be sufficient. The thickness of footings shall be not less than 8 inches, if of stone, and not less than 12 inches if of concrete.

4. Foundations. Foundations for frame structures shall be laid not less than 4 feet below the finished surface of the earth or upon the surface where there is rock bottom, or upon piles or ranging timbers where found necessary. The foundation walls of frame structures exceeding 15 feet in height, if of stone, shall be not less than 18 inches thick, and if of brick not less than 12 inches to the grade and 8 inches thick to the under side of the sill.

5. Walls. If the foundation and first story walls are constructed of brick the foundation walls shall be not less than 12 inches thick to the first tier of beams and 8 inches thick from first tier to second tier of beams; or if these walls are constructed of stone they shall be not less than 20 inches for the foundation wall and 18 inches for the first story wall; and if the walls are faced with stone ashlar the total thickness shall be 4 inches greater than in this section specified. In the foundation walls there may be recesses not more than 8 feet long for stairs, with brick walls not less than 8 inches thick. Outside of the fire limits, when any brick or stone building is to be erected of a class that could, under this chapter, be constructed of wood, the superintendent of buildings is hereby authorized and directed to allow reasonable modifications of this chapter relating to brick buildings, in consideration of incombustible material being used for walls instead of wood.

6. Chimneys and flues. All chimneys in frame buildings shall be built of brick or stone or other fireproof material. If of brick, the flues shall have walls at least 8 inches thick, except where flues are lined with burnt-clay pipe, in which case the walls around flues may be 4 inches thick. All flue linings shall extend at least 1 foot above the roof boards. Where chimneys are built of stone, the walls of the flues shall be not less than 8 inches thick on all sides, and shall be lined with burnt-clay pipe. All chimneys shall be topped out at least 4 feet above the highest point of contact with the roof, and be properly capped. Chimneys in party walls or serving 2 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 ornamental or exposed chimneys.

7. Fire stopping. In no case shall a frame building be erected within 3 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 2½ inches of brickwork or other fireproof material. When 2 or more such buildings are built continuous, the party or division studding shall be not less than 4 inches thick and filled solidly with brickwork or other fireproof material extending to the under side of roof boards. When the division walls are of brick they shall be not less than 8 inches thick above the foundation wall and extending to under side of roof boards, and the ends of floor beams shall be so separated that 4 inches of brick will be between the beams where they rest on said walls.

8. Frame work. The sills of all frame dwellings, except where the first floor is used for store or business purposes, shall be not less than 2 feet above the ground to the under side of same. All frame or wood buildings exceeding a height of 15 feet shall be built with sills, posts, girts, plates and rafters, all of suitable size and property framed and braced with suitable studs or planks set at proper distance apart; but this shall not prohibit the use of balloon framing. The floor beams and rafters shall be not less than 2 inches in thickness.

9. Roofing. The covering of the roof may be of shingle.

10. Shafts. The walls of light and vent shafts, whether exterior or interior, in frame buildings, may be constructed of frame.

11. Cellar work. Posts of locust or other hard wood and wood girders may be used instead of brick fore-and-aft partitions in cellars of frame buildings, and it shall not be necessary to use metal or wire lath for the ceilings of cellars or lowest floors of any frame building. The cellar stairs in frame buildings may be placed directly under the main stairs, and no brick wall shall be necessary to inclose the same; nor shall areas be required to be built across the front of frame buildings except where the cellar or basement is used for living purposes.

12. Plumbing, drainage and heating. The regulations governing plumbing, drainage and heating, also steam and hot-air pipes and registers, where the same extend through or along stud partitions, shall also apply to frame buildings.

13. Alterations, repairs, etc. Frame buildings may be altered, extended, raised or repaired, provided the new portions comply with the provisions of this section.

14. Occupancy. No frame building exceeding 3 stories in height shall hereafter be erected to be occupied by more than 3 families, nor shall any frame building already erected be altered to be occupied by more than 4 families, nor more than 3 stories in height.

§ 472. Buildings in undeveloped sections. Within sections of the city where streets have not been or are not legally established and are outside of the prescribed fire limits or suburban limits, as defined in article 5 of this chapter, no building or structure other than small outhouses shall be erected without first filing plans and a detailed statement of the proposed construction, and obtaining an approval therefor, as provided in § 3 of this chapter. Within such sections of the city, hotels, tenement houses for occupancy by not more than 4 families, and places of public assembly may be built of wood, but shall in all other respects comply with the several provisions of this chapter, relating to such structures; but for all other buildings or structures only so much of the requirements, regulations and restrictions of this chapter shall apply as in the opinion of the superintendent of buildings may be necessary for safety and health. The purpose of this section is to permit greater freedom in construction and in plumbing and drainage of buildings in the outlying and undeveloped sections of the city than in those sections for which a street system has been adopted by the municipality or established by law.

Section 2. § 550 of Article 26, and §§ 620, 621 and 622 of Article 30 of Chapter 5 of the Code of Ordinances of The City of New York are hereby repealed.

Section 3. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

#### ORIGINAL.

AN ORDINANCE in relation to Frame Buildings in The City of New York.

Be it ordained by the Board of Aldermen of the City of New York as follows:

Section 1. Article 22 of chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

#### ARTICLE 22.

##### Frame [construction] buildings.

[Section 470. Frame structures within the fire limits.

471. Construction of buildings outside of fire limits.

472. Buildings in undeveloped sections.]

#### Section 470. Height.

471. Area.

472. Frame construction.

473. Filling in walls.

474. Roofing.

475. Towers.

476. Piazzas.

477. Minor structures.

478. Temporary structures.

479. Miscellaneous frame structures.

480. Permissible alterations.

481. Use of masonry walls.

§ 470. Height. Except as may be otherwise specifically provided in this chapter, or in the rules authorized thereunder, no frame building or structure hereafter erected or enlarged shall exceed forty feet in height.

§ 471. Area. 1. Building area. No frame building hereafter erected or enlarged shall exceed five thousand square feet in area.

2. Plot area. The combined area of frame buildings, shed and outhouses located on any lot or plot shall not exceed eighty per cent of the area of that part of the lot or plot which is not already covered by fireproof or non-fireproof buildings.

§ 472. Frame construction. The wood frame work of all frame buildings, hereafter erected, shall consist of sills, posts, girts and plates of suitable size and materials with proper mortise and tenon framing and braced whit studs at all angles, but this shall not prohibit the use of balloon framing with proper sills and ribbon strip not less than one and one-quarter inch by five inches where diagonal sheathing is used. Floor and roof beams and rafters shall be not less than two inches in thickness. No part of the wood frame work shall be built below the ground level.

§ 473. Filling in walls. 1. Independent walls. Any exterior wall of frame construction, hereafter erected within three feet of a side or rear line of the lot or plot on which it is located, or hereafter erected as the side wall of any frame tenement house, shall have the spaces between the studding filled in solidly with brickwork or other approved incombustible material not less than two and one-half inches thick.

2. Party walls. Every party wall of frame construction hereafter erected shall have the studding filled in solidly with brickwork or other approved incombustible material not less than four inches thick. Every interior wall of frame construction extending from front to rear without openings and dividing the building into separate and distinct parts, shall have the studding filled with brickwork or other approved incombustible material not less than two and one-half inches thick.

3. Extent of filling. The filling herein required exterior or party walls of frame construction shall in all cases be carried up from the ground to the under side of the roof boards.

§ 474. Roofing. 1. Within the fire limits. Any roofing hereafter placed on any frame building within the fire limits shall be of approved incombustible materials, provided that any existing shingle roof may be repaired at any time to an extent of not more than twenty-five per cent of its surface.

2. Outside of fire limits. Nothing in this chapter shall prevent the use of wood shingles outside the fire limits on any building which, under the provisions of this chapter, is permissible of frame construction.

§ 475. Towers. 1. On residence buildings. Outside of the fire limits towers, turrets or minarets of frame construction may be erected on frame buildings occupied or used exclusively as residence buildings, provided they do not extend more than ten feet above the limiting height for frame buildings and do not cover an aggregate area of more than fifteen per cent. of the roof area of the building, and that the greatest horizontal dimension of any one tower, turret or minaret is not more than fifteen feet.

2. Church spires. Outside of the fire limits and the suburban limits, towers or spires of frame construction may be erected on frame buildings occupied or used exclusively as churches or other places of worship, provided they do not exceed a height of seventy-five feet above the curb or ground level.

3. Covering. All towers or other structures provided for in this section shall be covered on the exterior with approved incombustible roofing.

§ 476. Piazzas. Within the fire limits and the suburban limits, piazzas or balconies of wood may be erected on residence buildings having not more than fifteen sleeping rooms, provided they do not exceed eight feet in width, and do not extend more than three feet above the second story floor beams. The roofs of all such piazzas or balconies shall be covered with incombustible material.

§ 477. Minor structures. 1. Sheds. Within the fire limits and the suburban limits sheds, open on at least one side, may be erected of wood, but such sheds shall not exceed fifteen feet in height, shall not cover an area exceeding twenty-five hundred square feet, shall not be placed nearer than four feet to any lot line, and shall be covered on the sides and roof with incombustible materials.

2. Outhouses. Outhouses of wood to be used exclusively for privies or for the storage of coal or wood for domestic purposes may be erected on the lot with any residence building within the fire limits or the suburban limits, provided they do not exceed eight feet in height or one hundred and fifty square feet in area, and have the roofs covered with incombustible materials.

3. Builders' shanties. One-story buildings for the use of builders in connection with any building operation for which a permit has been issued may be constructed of wood and placed on the lot or plot where such building operation is carried on, or on adjoining lots or plots if they do not interfere with the safe occupancy of any buildings thereon, or on the sheds which may be required or provided over the sidewalks in front of such building operation.

4. Fences. Fences of wood within the fire limits or the suburban limits shall not exceed twelve feet in height.

§ 478. Temporary structures. 1. Meaning. Temporary structures shall be taken to mean platforms, reviewing stands, gospel tents, circus tents and other structures that are erected to serve their purpose for a limited time.

2. Permit. Temporary structures shall not be erected until a permit, specifying the purpose and the period of maintenance, shall have been obtained from the superintendent of buildings.

3. How located. Within the fire limits of the suburban limits no temporary structure which is enclosed in any manner shall be placed on any lot nearer than four feet to the lot line.

4. Removal. Every temporary structure shall be removed at the expiration of the period for which the permit was issued, unless such permit is renewed.

5. Unlawful use. It shall be unlawful to use any temporary structure for any other purpose than that designated in the permit.

§ 479. Miscellaneous frame structures. Frame structures which are of an unusual character and to which the provisions of this chapter do not directly apply, including among others building for fair and exhibition purposes, towers for observation, amusement devices, greenhouses and lumber sheds and temporary structures of any kind shall be erected in conformity to such rules, consistent with the provisions of this chapter and securing the general intent thereof, as may be adopted by the superintendent of buildings.

§ 480. Permissible alterations. 1. Application. Subject to the requirements of this chapter as to construction, occupancy and location, any existing frame building within the suburban limits and any existing frame building occupied exclusively as a residence building having not more than fifteen sleeping rooms within the fire limits, may be altered and enlarged of frame construction as hereafter specified in this section, provided that, within the fire limits, no such building now occupied as a residence building shall be altered or enlarged to be used for any other purpose.

2. Raising in height. a. Any such building situated in a row of frame buildings may be increased in height to conform to the height of adjoining buildings.

b. Any such building already exceeding twenty-five feet in height, that has a peaked roof, may be raised for the purpose of making a flat roof thereon, provided that the new roof is covered with incombustible material, and that, when so raised, the building shall not exceed forty feet in height to the highest part thereof.

c. Nothing in this section shall prohibit one-story and basement residence buildings from being increased one additional story in height.

3. Extensions. a. Any such building may be extended either on the front or rear to a depth of not more than fifteen feet and not more than the width of the building, and not more than two stories and basement in height.

b. If any such building has an extension of less width than the main building the same may be increased in width to the full width and height of the main building.

4. Bay windows. Any such building may have bay windows of wood placed on any story, the roofs of which may be covered with the same materials as the roof



of the main building, except when such a bay window would increase the width of the building to more than eighty-five per cent. of the width of the lot.

§ 481. Use of masonry walls. In case approved masonry or reinforced concrete is used for the exterior walls of any building which under the provisions of this chapter is permitted to be of frame construction, nothing in this chapter shall prohibit all other parts of the building from being constructed as though the entire building were of frame construction.

§ 470. Frame structures within the fire limits. 1. Application. The provision, in this section contained, shall apply to buildings and structures, whether temporary or permanent, within the fire limits, as the said fire limits now are or may hereafter be established.

2. Temporary structures. Temporary structures shall be taken to mean and include platforms, stands, election booths, temporary buildings and circus tents.

3. Fences. Before the erection of any fence shall have been commenced, a permit for the erection of the same shall be obtained from the superintendent of buildings having jurisdiction, as provided in section 3 of this chapter. Each application for the erection of any fence shall be accompanied by a written consent of the owner or owners, or the lessee or lessees of the property upon which it is to be erected. Fences shall not be at any point over 10 feet above the adjoining ground; except that when any fence shall be constructed entirely of metal or of wood covered on all sides with sheet metal, including the uprights, supports and braces for same, it shall not be at any point over 18 feet 6 inches above the adjoining ground. All fences shall be erected entirely within the building line, and be properly secured, supported and braced, and shall be so constructed as not to be or become dangerous.

4. Piazzas, balconies and bay windows. Piazzas or balconies of wood on buildings other than frame buildings which do not exceed 8 feet in width, and which do not extend more than 3 feet above the second story beams, may be erected, provided a permit from the superintendent of buildings be granted therefor. In connected houses, such piazzas or balconies may be built, provided the same are open on the front and have brick ends not less than 8 inches thick, carried up above the roof of such piazza or balcony, and coped with stone. The roofs of all piazzas shall be covered with some fireproof materials. Frame buildings already erected may have placed on any story piazzas, balconies or bay windows of wood, the roofs of which may be covered with the same material as the roof of the main building.

5. Outhouses. Exterior privies, and wood or coal houses not exceeding 150 square feet in superficial area and 8 feet high, may be built of wood, but the roofs thereof must be covered with metal, gravel or slate.

6. Sheds. Sheds of wood not over 15 feet high, open on at least one side, with the sides and roof covered with fireproof material, may also be built, but a fence shall not be used as the back or side thereof. Such sheds shall not cover an area exceeding 2,500, except by permission of the superintendent of buildings.

7. Temporary buildings. Temporary one-story frame buildings may be erected for the use of builders, within the limits of lots whereon buildings are in course of erection, or on adjoining vacant lots, upon permits issued by the superintendent of buildings.

§ 471. Construction of buildings, outside of fire limits. 1. Application of section. The provisions of this section shall apply to frame or other buildings hereafter erected outside of the fire limits, as the same are now or may hereafter be established, in portions of the city where streets are now or where they may hereafter be legally established.

2. Height. Three-story frame buildings may be erected to a height of 40 feet, said height being taken from the curb-line, where same exists, at the centre of front or side of building on which main entrance to upper floors is located. Where the walls of a building do not adjoin the street or building line then the average level of the ground on which the building stands may be taken in place of the curb-line. The measurement for height shall be to the highest point of roof beams in case of flat roof buildings, and to the average height of gable or roof in case of pitched roofs. Towers, turrets and minarets of wood may be erected to a height not to exceed 15 feet greater than the foregoing limited height, except that the spires of churches may be erected of wood to a height not exceeding 90 feet from the ground.

3. Footings. All footings or bottom stones shall be at least 6 inches wider on each side than the bottom width of foundation walls above, except where the outside of the foundation wall sets on the property line, in which case 6 inches wider on the inside shall be sufficient. The thickness of footings shall be not less than 8 inches, if of stone, and not less than 12 inches if of concrete.

4. Foundations. Foundations for frame structures shall be laid not less than 4 feet below the finished surface of the earth or upon the surface where there is rock bottom, or upon piles or ranging timbers where found necessary. The foundation walls of frame structures exceeding 15 feet in height, if of stone, shall be not less than 18 inches thick, and if of brick not less than 12 inches to the grade and 8 inches thick to the under side of the sill.

5. Walls. If the foundation and first story walls are constructed of brick the foundation walls shall be not less than 12 inches thick to the first tier of beams and 8 inches thick from first tier to second tier of beams; or if these walls are constructed of stone they shall be not less than 20 inches for the foundation wall and 18 inches for the first story wall; and if the walls are faced with stone ashlar the total thickness shall be 4 inches greater than in this section specified. In the foundation walls there may be recesses not more than 8 feet long for stairs, with brick walls not less than 8 inches thick. Outside of the fire limits, when any brick or stone building is to be erected of a class that could, under this chapter be constructed of wood, the superintendent of buildings is hereby authorized and directed to allow reasonable modifications of this chapter relating to brick buildings, in consideration of incombustible material being used for walls instead of wood.

6. Chimneys and flues. All chimneys in frame buildings shall be built of brick or stone or other fireproof material. If of brick the flues shall have walls at least 8 inches thick, except where flues are lined with burnt-clay pipe, in which case the walls around flues may be 4 inches thick. All flue linings shall extend at least 1 foot above the roof boards. Where chimneys are built of stone the walls of the flues shall be not less than 8 inches on all sides, and shall be lined with burnt-clay pipe. All chimneys shall be topped out at least 4 feet above the highest point of contact with the roof, and be properly capped. Chimneys in party walls or serving 2 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 ornamental or exposed chimneys.

7. Fire stopping. In no case shall a frame building be erected within 3 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 2½ inches of brickwork or other fireproof material. When 2 or more such buildings are built continuous, the party or division studding shall be not less than 4 inches thick and filled solidly with brickwork or other fireproof material extending to the under side of roof boards. When the division walls are of brick they shall be not less than 8 inches thick above the foundation wall and extending to under side of roof boards, and the ends of floor beams shall be so separated that 4 inches of brick will be between the beams where they rest on said walls.

8. Frame work. The sills of all frame dwellings, except where the first floor is used for store or business purposes, shall be not less than 2 feet above the ground to the under side of same. All frame or wood buildings exceeding a height of 15 feet shall be built with sills, posts, girts, plates and rafters, all of suitable size and properly framed and braced with suitable studs or planks set at proper distance apart; but this shall not prohibit the use of balloon framing. The floor beams and rafters shall be not less than 2 inches in thickness.

9. Roofing. The covering of the roof may be shingle.

10. Shafts. The walls of light and vent shafts, whether exterior or interior, in frame buildings, may be constructed of frame.

11. Cellar work. Posts of locust or other hard wood and wood girders may be used instead of brick fore-and-aft partitions in cellars of frame buildings, and it shall not be necessary to use metal or wire lath for the ceilings of cellars or lowest floors of any frame building. The cellar stairs in frame buildings may be placed directly under the main stairs, and no brick wall shall be necessary to inclose the same; nor shall areas be required to be built across the front of frame buildings except where the cellar or basement is used for living purposes.

12. Plumbing, drainage and heating. The regulations governing plumbing, drainage and heating, also steam and hot-air pipes and registers, where the same extend through or along stud partitions, shall also apply to frame buildings.

13. Alterations, repairs, etc. Frame buildings may be altered, extended, raised or repaired, provided the new portions comply with the provisions of this section.

14. Occupancy. No frame building exceeding 3 stories in height shall hereafter

be erected to be occupied by more than 3 families, nor shall any frame building already erected be altered to be occupied by more than 4 families, nor more than 3 stories in height.

§ 472. Buildings in undeveloped sections. Within sections of the city where streets have not been or are not legally established and are outside of the prescribed fire limits or suburban limits, as defined in article 5 of this chapter, no building or structure other than small outhouses shall be erected without first filing plans and a detailed statement of the proposed construction and obtaining an approval therefor, as provided in § 3 of this chapter. Within such sections of the city, hotels, tenement houses for occupancy by not more than 4 families, and places of public assembly may be built of wood, but shall in all other respects comply with the several provisions of this chapter, relating to such structures; but for all other buildings or structures only so much of the requirements, regulations and restrictions of this chapter shall apply as in the opinion of the superintendent of buildings may be necessary for safety and health. [The purpose of this section is to permit greater freedom in construction and in plumbing and drainage of buildings in the outlying and undeveloped sections of the city than in those sections for which a street system has been adopted by the municipality or established by law.]

Section 2. § 550 of Article 26, and §§ 620, 621 and 622 of Article 30, of Chapter 5 of the Code of Ordinances of The City of New York are hereby repealed.

Section 3. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

Note—New matter in italics.

ANTHONY J. McNALLY, JOHN DIEMER, S. CLINTON CRANE, ALEX. DUJAT, CHARLES P. COLE, JOHN S. GAYNOR, Committee on Buildings.

Which was laid over.

No. 2101—(G. O. No. 733).

#### Report of the Committee on Buildings in Favor of Adopting Ordinance in Relation to Chimneys and Heating Apparatus in The City of New York.

The Committee on Buildings, to which was referred on October 5, 1915 (Minutes, page 68), the annexed ordinance in relation to chimneys and heating apparatus in The City of New York, respectfully

#### REPORTS:

That after holding a public hearing on this subject, it has revised the proposed ordinance in a few minor particulars to meet certain objections which, in its opinion, have merit, and it recommends that the accompanying substitute ordinance be adopted.

#### SUBSTITUTE.

AN ORDINANCE in relation to chimneys and heating apparatus in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York as follows:

Section 1. Article 19 of Chapter 5 of the Code of Ordinances of The City of New York, is hereby amended to read as follows:

#### ARTICLE 19.

Chimneys [ , flues ] and heating [ appliances ] apparatus.

[Section 390. Construction.

391. Chimneys.
392. Chimneys and fireplaces.
393. Flues.
394. Smoke pipes.
395. Hot-air heating.
396. Vent flues.
397. Heating furnaces and boilers.
398. Steam and hot water pipes.
399. Ranges and stoves.
400. Drying rooms.
401. Notice to be given of changes in plants.]

Section 390. General.

391. Heat producing devices.
392. Chimneys.
393. Fireplaces.
394. Metal smokestacks.
395. Cupola chimneys.
396. Underground flues.
397. Ranges.
398. Drying rooms.
399. Smoke houses.
400. Registers.
401. Vent flues.
402. Ducts.
403. Smoke pipes.
404. Steam and hot water pipes.

§ 390. General. 1. Definitions. For the purposes of this chapter.

a—a chimney is that part of a building which contains one or more flues for transmitting the products of combustion from some fireplace or heating device to the outer air, and includes the fireplace when there is one;

b—a flue is a passage, enclosed on all sides with solid masonry or reinforced concrete and used only for the transmission of air, whether fresh, heated, or vitiated or of the products of combustion from solid fuel or liquid fuel, and designated respectively vent flue or smoke flue;

c—a duct is a passage constructed of sheet metal or other approved incombustible material, and used only for the transmission of air, whether fresh, heated or vitiated;

d—a smoke pipe is a passage constructed of metal and used as an intermediate connection between a heat producing device and a chimney or metal stack for the transmission of the products of combustion.

2. Notice of installation. In case heat producing appliances or furnaces are hereafter placed in any building, or flues and fireplaces are installed, changed or enlarged, and such installation or alteration necessitates any change in any structural parts of the building, due notice shall be given to the superintendent of buildings by the person doing such work or causing the same to be done, and a permit secured from him if necessary.

§ 391. Heat producing devices. For the purposes of this chapter, heat producing devices shall be graded as

a—low, including bakers' ovens; boiling vats; candy furnaces; clay, coke and gypsum tripoli kilns; coffee roasting ovens; cooking ranges; core ovens; cruller furnaces; drying furnaces for spent materials; feed drying ovens; fertilizer drying ovens; forge furnaces; gas producers; gypsum kilns; hardening furnaces (below dark red); hot air engine furnaces; hot air heating furnaces; hot water and low pressure steam heating boilers; japanning ovens; ladle drying furnaces; lead melting furnaces; nickel plate furnaces; paraffine furnaces; rendering furnaces; rosin melting furnaces; stereotype furnaces; sulphur furnaces; type foundry furnaces; wood drying furnaces; wood impregnating furnaces;

b—medium, including alabaster gypsum kilns; charcoal furnaces; direct fire heated feed driers; direct fire heated fertilizer driers; direct fire heated pulp driers; galvanizing furnaces; glass factory lehrs and glory holes; hardening furnaces (cherry to pale red); lime kilns; porcelain biscuit kilns; smoke houses; steam boilers, other than low pressure heating boilers; water-glass kilns; wood-distilling furnaces; wood-gas retorts;

c—high, including annealing furnaces; bessemer retorts; billet and bloom furnaces; blast furnaces; bone calcining furnaces; brass furnaces; carbon point furnaces; cement, brick and tile kilns; coal and water gas retorts, cupolas; earthenware kilns; gas blow furnaces; glass smelting furnaces; glass kilns; open hearth furnaces; ore roasting furnaces; porcelain baking and glazing kilns; pot-arches; puddling furnaces; regenerative furnaces; reverberatory furnaces; stacks, carburetor or superheating furnaces in water gas works; welding furnaces; wood carbonizing furnaces.

In doubtful cases the superintendent of buildings shall by a rule designate the grade of any heat producing device, being governed in doing so by the degree and amount of heat transmitted.

§ 392. Chimneys. 1. Construction. Except as in this article otherwise provided, every chimney hereafter erected shall be of brick or stone laid in cement mortar, or of reinforced concrete, extending above the highest point of the roof and at least four feet above the highest point of contact with the roof. Every chimney shall be properly capped with terra cotta, stone, cast iron or other approved incombustible, weatherproof material, except that on buildings forty feet or less in height the top courses of a brick chimney may be finished off by being carefully bonded and anchored together to serve as coping.



2. *Supports.* All chimneys shall be wholly supported by stons, brick or self-supporting fireproof construction. No chimney shall rest or be built upon any wood construction.

3. *Flues for low grade devices.* The smoke flues of stoves, cooking ranges, hot air, hot water and low pressure steam heating furnaces, and all other heat producing devices graded as low, shall be encased in brickwork or concrete not less than eight inches thick, except that for smoke flues exclusively used for ordinary stoves, ranges or open preplaces, when no combustible suauing, furring or sheathing is placed against it, such brickwork or concrete may be reduced to not less than four inches. In chimneys of stone, the stone work of such flues shall be four inches thicker than required for brick. Every flue coming under the provisions of this section hereafter erected shall be lined with well-burnt terra cotta pipe, from the bottom of the flue, or from the throat of the preplace if the flue starts from a preplace, for the entire height of the chimney. Such lining pipes shall be built in as the flues are carried up, laid end to end in cement mortar so as to make a smooth flue. Where two or more smoke flues are contained in the same chimney, the walls shall be either brick not less than four inches thick, or concrete or grout not less than one inch thick, provided, however, that every third course shall consist of brick.

4. *Flues for medium grade devices.* The smoke flues of high pressure steam boilers, smoke houses and all other heat producing devices graded as medium shall be encased in brickwork or concrete not less than eight inches thick, or stone-work not less than twelve inches thick, and in addition, shall be lined with not less than four inches of fire brick, laid in fire mortar, for a distance of at least twenty-five feet from the point where the smoke connection of the device enters the flue.

5. *Flues for high grade devices.* The smoke flues of cupolas, brass furnaces, porcelain baking kilns and all other heat producing devices graded as high shall be built with double walls, each not less than eight inches in thickness, with an air space of not less than two inches between them. The inside of the interior walls shall be of firebrick not less than four inches in thickness.

6. *Certain flues required.* In every building hereafter erected exceeding forty feet in height, where one or more smoke flues start from the cellar or lowest story, at least one such flue shall have an internal cross-sectional area of not less than ninety-six square inches and shall start not less than three feet below the ceiling. No flue hereafter erected shall have smoke-pipe connections in more than one story of a building.

7. *Flues to be clean and chimneys safe.* Upon the completion of any new building or an alteration in any flues of an existing building, the flues shall be properly cleaned and left smooth on the inside. Any chimney which shall be dangerous in any manner whatever shall be repaired and made safe, or taken down.

8. *Unlawful use of flues.* It shall be unlawful to use as a smoke flue any flue hereafter erected or placed in any building, or any flue now existing and not already used as a smoke flue, unless it conforms to the requirements of this section. Nothing in this article, however, shall prevent the use of approved metal flue linings for the repair or alteration of flues in residence buildings.

9. *Raising adjoining chimneys.* a. Whenever a building, wall or structure is hereafter erected, altered, enlarged or raised so that any of the walls, whether independent or partly, along a property line or within three feet thereof, extends above the top of any chimney, smoke flue or smokestack of an adjoining building or structure, the owner of the building, wall or structure so erected, altered, enlarged or raised, shall, at his own expense, carry up, either independently or in his own building, wall or structure, all chimneys, smoke flues and smokestacks of such adjoining building or structure within ten feet of any portion of the said wall extending above such chimney, flue or stack. The construction of such chimneys, flues or stacks shall conform to the requirements of this article applying thereto, but in no case shall the internal area of any flue or stack as raised be less than that of the existing flue or stack. All such chimneys, flues or stacks shall be carried above the walls in question to the heights prescribed, and shall, furthermore, be so constructed, supported and braced as to be at all times safe.

b. It shall be the duty of the owner of the building, wall or structure to be erected, altered, enlarged or raised to notify in writing, at least ten days before such work is begun, the owner of the chimneys, flues or stacks affected, of his intention to carry up such chimneys, flues or stacks as herein provided, and unless released in writing he shall carry up such chimneys, flues or stacks simultaneously with the walls.

§ 393. *Fireplaces.* 1. *Firebacks.* The firebacks of all fireplaces hereafter erected shall be not less than eight inches in thickness of solid masonry. A lining of firebrick or other approved material at least two inches thick shall be provided unless the fireback is twelve inches in thickness.

2. *Trimmer arches.* All fireplaces and chimney breasts where mantels are placed, whether intended for ordinary fireplace use or not, shall have trimmer arches or fireproof construction supporting hearths. The arches and hearths shall be at least twenty inches in width measured from the face of the chimney breast. Trimmer arches shall be of brick, stone, terra cotta or reinforced concrete. The length of the trimmer arch shall not be less than the width of the chimney breast, and the length of the hearth shall be not less than the width of the mantel. The hearths shall be of brick, stone, tile or other approved fireproof material. The combined thickness of trimmer arch and hearth shall at no point be less than six inches. Wood centres under trimmer arches shall be removed before plastering the ceiling underneath.

3. *Heaters.* No heater shall be placed in a fireplace which does not conform to the foregoing requirements of this section.

4. *Mantels.* No wood mantel or other woodwork shall be hereafter placed within eight inches on either side nor within twelve inches of the top of any open fireplace. If a coal-burning heater of the Baltimore type is placed in a fireplace, any mantel that may be provided shall be of incombustible material. No combustible summer piece or fireboard shall be used in connection with any open fireplace. All spaces back of combustible mantels shall be solidly filled in with incombustible material.

5. *False fireplaces.* False fireplaces using summer pieces or fireboards shall not be placed in any building except against an unfired masonry wall or a fireproof partition.

§ 394. *Metal smokestacks.* 1. *Construction.* Metal smokestacks must be so constructed that they will be securely supported and that the materials entering into their construction or serving as support shall not be stressed beyond the working stresses fixed by this chapter. The metal work must be riveted and of adequate thickness, but not less than No. 16 U. S. gage when the cross-sectional area is one hundred and fifty-four square inches or less, not less than No. 14 U. S. gage when the cross-sectional area is more than one hundred and fifty-four square inches and not more than two hundred and one square inches, not less than No. 12 U. S. gage when the cross-sectional area is more than two hundred and one square inches but not more than two hundred and fifty-four square inches, and not less than No. 10 U. S. gage when the cross-sectional area is more than two hundred and fifty-four square inches. All metal work shall be painted; galvanized metal shall not be used. Clean-out openings shall be provided at the base of every such stack.

2. *Height.* All such stacks serving high grade heat producing devices shall extend to a height of not less than ten feet above the highest point of any roof within twenty-five feet.

3. *Independent stacks.* All such stacks hereafter erected, outside and independent of any building, shall be supported on substantial masonry foundations, so designed that the maximum pressure on the soil shall not exceed two-thirds of that prescribed in § 231 of this chapter.

4. *Exterior stacks.* Any such stacks, or any part thereof, hereafter erected on the immediate exterior of the building it serves shall be braced to such building at least every twenty feet. It shall have a clearance of not less than four inches from the walls of a fireproof or non-fireproof building and not less than twenty-four inches from the walls of a frame building; and a clearance of not less than twenty-four inches in any direction from any wall opening, fire escape or other exit facility, unless such stack is insulated in some approved manner, in which case the clearances herein provided may be reduced an amount fixed by the superintendent of buildings when approving the insulation.

5. *Interior stacks.* Any such stack, or part thereof, hereafter erected within any building shall be enclosed in walls of approved masonry; or, if in a fireproof building, such stack, or part thereof, shall be enclosed in walls of brick, terra cotta blocks or concrete not less than eight inches thick, with a space left between the stack and the enclosing walls sufficient to render the entire stack accessible for examination and repair. The enclosing walls shall be without openings above the story at which it starts.

6. *Prohibition.* Smokestacks shall not be carried up inside of vent stacks or flues connected to ranges, unless such vent stacks or flues are constructed as required by this article for smokestacks or smoke flues.

§ 395. *Cupola chimneys.* Chimneys or cupola furnaces, blast furnaces and similar devices shall extend at least twenty feet above the highest point of any roof within a radius of fifty feet thereof and be covered on the top with heavy wire netting or other approved spark arrester. No woodwork shall be within three feet of any part of such device or its chimney.

§ 396. *Underground smoke flues* shall be covered with at least twelve inches of solid masonry, or an approved equivalent insulation. If clean-out openings are installed they shall be provided with approved double iron doors or covers, of which the two parts are twelve inches apart, with the intervening space filled with insulating material. No combustible flooring shall be laid over any such flues.

§ 397. *Ranges.* 1. *Kitchen ranges.* When fixed ranges are to be installed in any building hereafter erected trimmer arches extending beyond such ranges not less than six inches on all sides shall be provided unless the floor is of fireproof construction. No such range shall be placed against a stud partition, a furrow wall or any other combustible construction. When any such range is to be placed within twelve inches of a wood stud partition the said partition shall be shielded with metal from the floor to a height of not less than three feet higher than the range, provided that when 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 filled in to the face of the said stud partition with brick or fireproof blocks.

2. *Hoods over ranges.* All hoods and ducts for same placed over hotel or restaurant ranges shall be constructed of incombustible materials and installed in accordance with the requirements of § 403 for smokepipes.

§ 398. *Drying rooms.* Drying rooms hereafter placed within any building as a part of the building shall be constructed entirely of incombustible materials. When the heating pipes are not placed overhead, they shall be so shielded as to preserve at all times a clear space of not less than two inches between them and the contents. All such drying rooms shall be ventilated directly to the outer air by vent flues or ducts installed as specified in § 403 of this article for smokepipes.

§ 399. *Smoke houses.* All smoke houses hereafter erected as part of any building shall be of fireproof construction with walls of brick or reinforced concrete. All openings shall be provided with fire doors. The interior framing, racks, hangers and other interior fittings shall be of incombustible materials.

§ 400. *Registers.* All registers used in any hot-air furnace heating system, placed in any woodwork or combustible floor, shall rest upon stone or iron borders firmly set in plaster of paris or gauged mortar. All register boxes used in any such heating system shall be made of tin plate or galvanized iron with a flange to fit the rabbet in the border. The register box shall be enclosed in a tin or galvanized iron casing turned under the border and spaced at least two inches from the sides of the box. Such casing shall extend from the border to and through the ceiling below in the case of a floor register and through the partition in the case of a wall register. When a register box is placed in the floor over a portable furnace, the space on all sides between the casing and the register box shall be not less than four inches. Every hot-air furnace shall have at least one register without valve or louvers.

§ 401. *Vent flues.* Flues hereafter erected for the removal of foul air or the transmission of heated air shall be encased in masonry not less than four inches thick and shall be lined with terra cotta or other approved incombustible material. Not more than one gas burning shall be direct-connected to any flue, nor shall any such device be connected to any flue used as a smoke flue. Any flue to which a gas burning device is direct-connected shall be constructed as required in § 392 for a smoke flue.

§ 402. *Ducts.* 1. *General.* Except as may be otherwise specifically permitted or prescribed, the transmission of air through buildings for heating or ventilation shall be by means of ducts constructed as in this section provided.

2. *Casing.* No casing, furring or lath of wood shall be placed against or cover a duct of any kind; but this shall not prevent the placing of woodwork on a covering over such ducts, of metal lath and plaster, plaster board or asbestos, provided the thickness of the covering is not less than seven-eighths of an inch.

3. *In partitions.* Ducts hereafter placed in combustible partitions shall be covered with one-half inch of corrugated asbestos or shall be constructed double with a one-half inch air space. The asbestos covering or outside pipe shall be not less than one and one-half inches away from the woodwork. In lieu of the above protection, four inches of brickwork or concrete may be placed between the duct and the woodwork.

4. *In floors.* Ducts hereafter placed between the flooring and ceiling of non-fireproof floors, shall be constructed double with a one-inch air space. The outside pipe shall be not less than two inches from any woodwork, which shall be covered with metal.

5. *In closets.* Ducts hereafter placed in closets or similar concealed spaces shall be double with a one and one-half inch air space, or shall be covered with approved incombustible insulation, not less than one inch thick. When constructed double the outside pipe shall be not less than No. 18 U. S. gage, and not less than one inch from any woodwork.

6. *Passing through partitions and floors.* Ducts hereafter placed to pass through combustible partitions or floors shall be constructed double, with a one and one-half inch air space open at one end, or shall be covered with approved incombustible insulation not less than one inch thick.

7. *Horizontal ducts.* Ducts used for hot-air furnace heating, hereafter placed under cellar ceilings, shall be at least six inches below wood floor beams, wood lath and plaster ceiling or other combustible material; but if such combustible construction is protected by metal lath and plaster, plaster board or one-half inch asbestos the distance may be not less than three inches.

8. *Cold air ducts.* The cold air ducts of any heating system shall be of metal or other approved fireproof material.

9. *Hot air ducts.* No hot-air furnace duct shall be placed in any floor, partition or enclosure, of combustible construction, unless it be at least eight feet distant in a horizontal direction from the furnace.

§ 403. *Smoke pipes.* 1. *Restriction.* No smoke pipe shall pass through any floor, nor through any non-fireproof roof.

2. *Clearance.* The clear distance between any smoke pipe or metal breeching and any combustible material or construction shall be not less than eighteen inches in the case of low grade heat producing devices, nor less than thirty-six inches for medium or high grade heat producing devices, except that, when such smoke pipes or breechings are protected with not less than two inches of asbestos or in some other approved manner, such clearances may be reduced one-half, and that, in the case of smoke pipes used on ordinary ranges and stoves in tenements or other residence buildings having not more than fifteen sleeping rooms, such clearances may be not less than nine inches when the combustible material or construction is protected by one-half inch asbestos or its equivalent, nor less than eighteen inches when not so protected.

3. *Protection through partitions.* Smoke pipes from ordinary ranges and stoves in residence buildings may pass through combustible partitions, provided every such pipe is guarded by a double metal ventilated thimble twelve inches larger in diameter than the pipe, or by a metal tube built in brickwork or other approved fireproof materials, not less than eight inches thick on all sides of the tube.

§ 404. *Steam and hot water pipes.* 1. *Protection.* Steam or hot water pipes shall not be placed nearer than one inch to any woodwork unless the woodwork is covered with metal, in which case the distance shall be not less than one-half inch. Every steam or hot water heating pipe passing through a combustible floor or partition shall be protected by a metal tube one inch larger in diameter than the pipe. Any such pipe passing through stock shelving shall be covered with not less than one inch of approved insulation. All wood boxes or casings inclosing steam or hot water heating pipes, or wood covers to recesses in walls in which such pipes are placed, shall be lined with metal.

2. *Pipe coverings.* Any coverings or insulation used on steam or hot water pipes shall be of incombustible material.

§ 390. *Construction.* All fire places and chimneys in stone or brick walls in any building hereafter erected, except as herein otherwise provided, and any chimney or flue hereafter altered or repaired, without reference to the purpose for which they may be used, shall have the joints struck smooth on the inside, except when lined on the inside with pipe. No paring mortar shall be used on the inside of any fireplace, chimney or flue. No wood casing, furring or lath shall be placed against or cover any smoke flue or metal pipe used to convey hot air or steam.

§ 391. *Chimneys.* 1. *Foundation and supports.* No chimney shall be started or built upon any floor or beam of wood. Where chimneys are supported by piers, the piers shall start from the foundation on the same line with the chimney breast, and shall be not less than 12 inches on the face, properly bonded into the walls. When a chimney is to be cut off below, in whole or in part, it shall be wholly supported by



stone, brick, iron or steel. In no case shall a chimney be corbelled out more than 8 inches from the wall, and in all such cases the corbeling shall consist of at least 5 courses of brick, but no corbeling more than 4 inches shall be allowed in 8-inch brick walls.

2. Dwellings and stables. On dwelling houses and stables, 3 stories or less in height, not less than 6 of the top courses of a chimney may be laid in pure cement mortar, and the brickwork carefully bonded and anchored together in lieu of coping.

3. Foundry cupolas. Iron cupola chimneys of foundries shall extend at least 10 feet above the highest point of any roof within a radius of 50 feet of such cupola, and be covered on top with a heavy wire netting. No woodwork shall be placed within 2 feet of the cupola.

4. Repair and removal. All chimneys which shall be dangerous in any manner whatever shall be repaired and made safe, or taken down.

§ 392. Chimneys and fireplaces. 1. Trimmer arches. All fireplaces and chimney breasts where mantels are placed, whether intended for ordinary fireplace uses or not, shall have trimmer arches to support hearths, and the said arches shall be at least 20 inches in width, measured from the face of the chimney breast, and they shall be constructed of stone, brick 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.

2. Firebacks. The firebacks of all fireplaces hereafter erected shall be not less than 8 inches in thickness, of solid masonry. When a grate is set in a fireplace a lining of firebrick, at least 2 inches in thickness, shall be added to the fireback, unless soapstone, tile or cast iron is used, and filled solidly behind with fireproof material.

3. Fireplace heaters. If a heater is placed in a fireplace then the hearth shall be the full width of the heater. All fireplaces in which heaters are placed shall have incombustible mantels.

4. Fireboards. No fireplace shall be closed with a wood fireboard.

5. Mantels. No wood mantel or other woodwork shall be exposed back of a summer piece; the ironwork of the summer piece shall be placed against the back or stonework of the fireplace.

§ 393. Flues. 1. Construction. All smoke flues shall extend at least 3 feet above a flat roof, and at least 2 feet above a peak roof. The stone or brickwork of the smoke flues of all boilers, furnaces, bakers' ovens, large cooking ranges, large laundry stoves, and all flues used for a similar purpose, shall be at least 8 inches in thickness, and shall be capped with terra cotta, stone or cast iron.

2. Boiler and furnace flues. The inside 4 inches of all boiler flues shall be firebrick, laid in fire mortar, for a distance of 25 feet in any direction from the source of heat. All smoke flues of smelting furnaces or of steam boilers, or other apparatus which heat the flues to a high temperature, shall be built with double walls of suitable thickness for the temperature, with an air space between the walls, the inside 4 inches of the flues to be of firebrick.

3. Flue linings. In all buildings hereafter erected every smoke flue, except the flues hereinbefore mentioned, shall be lined on the inside with cast iron or 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 to the extreme height of the flue. The ends of all such lining pipes shall be made to fit close together, and the pipe shall be built in as the flue or flues are carried up. Each smoke pipe shall be inclosed on all sides with not less than 4 inches of brickwork properly bonded together.

4. Maintenance. All flues, in every building shall be properly cleaned and all rubbish removed, and the flues left smooth on the inside upon the completion of the building.

§ 394. Smoke pipes. 1. Inside construction. No smoke pipe shall pass through any wood floor. No stove pipe shall be placed nearer than nine inches to any lath and plaster or board partition, ceiling or any woodwork. Smoke pipes of laundry stoves, large cooking ranges and of furnaces shall be not less than 15 inches from any woodwork, unless they are properly guarded by metal shields; if so guarded, stove pipes shall be not less than 6 inches distant; smoke pipes of laundry stoves, large cooking ranges and of furnaces shall be not less than 9 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 12 inches larger in diameter than the pipes, or by galvanized iron thimbles built in at least 8 inches of brickwork.

2. Through roofs. No smoke pipe shall pass through the roof of any building unless a special permit be first obtained from the bureau of buildings for the same. If a permit is granted, then the roof through which the smoke pipe passes shall be protected in the following manner: A galvanized iron ventilated thimble of the following dimensions shall be placed: In case of a stove pipe, the diameter of the outside guard shall be not less than 12 inches and the diameter of the inner one 8 inches, and for all furnaces, or where similar large hot fires are used, the diameter of the outside guard shall be not less than 18 inches and the diameter of the inner one 12 inches. The smoke pipe thimbles shall extend from the underside of the ceiling or roof beams to at least 9 inches above the roof, and they shall have openings for ventilation at the lower end where the smoke pipes enter, also at the top of the guards above the roof. Where a smoke pipe of a boiler passes through a roof, the same shall be guarded by a ventilated thimble, same as before specified, 36 inches larger than the diameter of the smoke pipe of the boiler.

§ 395. Hot-air heating. 1. Stationary furnaces. All brick hot-air furnaces shall have two covers, with an air space of at least 4 inches between them; 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, which is the top of the furnace, shall be made of brick or metal supported on iron bars, and so constructed as to be perfectly tight, and shall be not less than 4 inches below any combustible ceiling or floor beams. The walls of the furnace shall be built hollow in the following manner: One inner and one outer wall, each 4 inches in thickness, properly bonded together with an air space of not less than 3 inches between them. Furnaces must be built at least 4 inches from all woodwork. The cold-air boxes of all hot-air furnaces shall be made of metal, brick or other incombustible material, for a distance of at least 10 feet from the furnace.

2. Portable furnaces. All portable hot-air furnaces shall be placed at least 2 feet from any wood or combustible partition or ceiling, unless the partitions and ceilings are properly protected by a metal shield, when the distance shall be not less than 1 foot. Wood floors under all portable furnaces shall be protected by 2 courses of brickwork well laid in mortar on sheet iron. Said brickwork shall extend at least 2 feet beyond the furnace in front of the ash pan.

3. Hot air pipes and ducts. All stone or brick hot-air flues and shafts shall be lined with tin, galvanized iron or burnt-clay pipes. Tin or other metal pipes in brick or stone walls used or intended to be used to convey heated air, shall be covered with brick or stone at least 4 inches in thickness. Woodwork near hot-air pipes shall be guarded in the following manner: A hot-air pipe shall be placed inside another pipe, 1 inch larger in diameter, or a metal shield shall be placed not less than 1/2 inch from the hot-air pipe; the outside pipe or the metal shield shall remain 1 1/2 inches away from the woodwork and the latter must be tin lined, or in lieu of the above protection, 4 inches of brickwork may be placed between the hot-air pipe and the woodwork. This shall not prevent the placing of metal lath and plaster directly on the face of hot-air pipes or the placing of woodwork on such metal lath and plaster, provided the distance is not less than 7/8 of an inch. No vertical hot-air pipe shall be placed in a stud partition, or in a wood enclosure, unless it be at least 8 feet distant in a horizontal direction from the furnace. Hot-air pipes in closets shall be double, with a space of 1 inch between them. Horizontal hot-air pipes shall be placed 6 inches below the floor beams or ceiling; if the floor beams or ceiling are plastered and protected by a metal shield, then the distance shall be not less than 3 inches.

4. Registers. Registers located over a brick furnace shall be supported by a brick shaft built up from the cover of the hot-air chamber; said shaft shall be lined with a metal pipe, and all wood beams shall be trimmed away not less than four inches from it. Where a register is placed on any wood work in connection with a metal pipe or duct, the end of the said pipe or duct shall be flanged over on the woodwork under it. All registers for hot-air furnaces placed in any woodwork or combustible floors shall have stone or iron borders firmly set in plaster of paris or gauged mortar. All register boxes shall be made of tinsplate of galvanized iron with a flange on the top to fit the groove in the frame, the register to rest upon the same; there shall be an open space of 2 inches on all sides of the register box, extending from the under side of the border to and through the ceiling below. The said 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 3 inches. When only one register is connected with a furnace said register shall have no valve.

§ 396. Vent flues. Vent flues or ducts for the removal of foul or vitiated air in which the temperature of the air cannot exceed that of the rooms, may be constructed of iron, or other incombustible material, and shall not be placed nearer than 1 inch to any woodwork, and no such pipe shall be used for any other purpose. In the support or construction of such ducts, if placed in a public school room, no wood furring or other inflammable material shall be nearer than 2 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 plastered with at least 2 heavy coats of mortar, and having at least 1/2 inch air space between the flues or ducts and the lath and plaster.

§ 397. Heating furnaces and boilers. A brick-set boiler shall not be placed on any wood or combustible floor or beams. Wood or combustible floors and beams under and not less than 3 feet in front and 1 foot on the sides of all portable boilers shall be protected by a suitable brick foundation of not less than 2 courses of brick well laid in mortar on sheet iron; the said sheet iron shall extend at least 24 inches outside of the foundation at the sides and front. Bearing lines of bricks, laid on the flat, with air spaces between them, shall be placed on the foundation to support a cast-iron ash pan of suitable thickness, on which the base of the boiler shall be placed, and shall have a flange turned up in the front and on the sides, 4 inches high; said pan shall be in width not less than the base of the boiler and shall extend at least 2 feet in front of it. If a boiler is supported on a cast-iron base with a bottom of the required thickness for an ash pan, and is placed on bearing lines of brick in the same manner as specified for an ash pan, then an ash pan shall be placed in front of the said base and shall not be required to extend under it. All lath and plaster and wood ceiling and beams over and to a distance of not less than 4 feet in front of all boilers shall be shielded with metal. The distance from the top of the boiler to said shield shall be not less than 12 inches. No combustible partition shall be within 4 feet of the sides and back and 4 feet from the front of any boiler, unless said partition shall be covered with metal to the height of at least 3 feet above the floor, and shall extend from the end or back of the boiler to at least 5 feet in front of it; then the distance shall be not less than 2 feet from the sides and 5 feet from the front of the boiler.

§ 398. Steam and hot water pipes. Steam or hot water heating pipes shall not be placed within 2 inches of any timber or woodwork, unless the timber or woodwork is protected by a metal shield; then the distance shall be not less than 1 inch. All steam or hot water heating pipes passing through floors and ceilings or lath and plastered partitions shall be protected by a metal tube 1 inch larger in diameter than the pipe, having a metal cap at the floor, and where they are run in a horizontal direction between a 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 said pipe. All wood boxes or casings inclosing steam or hot water heating pipes and all wood covers to recesses in walls in which steam or hot water heating pipes are placed shall be lined with metal. All pipes or ducts used to convey air warmed by steam or hot water shall be of metal or other fireproof material. All steam and hot water pipe coverings shall consist of fireproof materials only.

§ 399. Ranges and stoves. 1. Kitchen ranges. Where a kitchen range is placed from 12 to 6 inches from a wood stud partition, the said partition shall be shielded with metal from the floor to the height of not less than 3 feet higher than the range; if the range is within 6 inches of the partition, then the studs shall be cut away and framed 3 feet higher and 1 foot wider than the range, and filled in to the face of the said stud partition with brick or fireproof blocks, and plastered thereon. All ranges on wood or combustible floors and beams that are not supported on legs and have ash pans 3 inches or more above their base, shall be set on suitable brick foundations, consisting of not less than 2 courses of brick well laid in mortar on sheet iron, except small ranges such as are used in apartment houses, that have ash pans 3 inches or more above their base, which shall be placed on at least 1 course of brickwork on sheet iron or cement. No range shall be placed against a furred wall.

2. Hotel or restaurant ranges. All lath and plaster or wood ceilings over all large ranges and ranges in hotels and restaurants, shall be guarded by metal hoods placed at least 9 inches below the ceiling. A ventilating pipe connected with a hood over a range shall be at least 9 inches from all lath and plaster or woodwork, and shielded. If the pipe is less than 9 inches from the lath and plaster and woodwork, then the pipe shall be covered with 1 inch of asbestos plaster on wire mesh. No ventilating pipe connected with a hood over a range shall pass through any floor.

3. Heating stoves. All stoves for heating purposes shall be properly supported on iron legs resting on the floor 3 feet from all lath and plaster or woodwork; if the lath and plaster or woodwork is properly protected by a metal shield, then the distance shall be not less than 18 inches. A metal shield shall be placed under and 12 inches in front of the ash pan of all stoves that are placed on wood floors.

4. Laundry stoves. Laundry stoves on wood or combustible floors shall have a course of bricks, laid on metal, on the floor under and extended 24 inches on all sides of them.

5. Gas stoves. All low gas stoves shall be placed on iron stands, or the burners shall be at least 6 inches above the base of the stoves, and metal guards placed 4 inches below the burners, and all woodwork under them shall be covered with metal.

§ 400. Drying rooms. All walls, ceilings and partitions inclosing drying rooms, when not made of fireproof material, shall be wirelathed and plastered, or covered with metal, tile or other hard incombustible material.

§ 401. Notice to be given of changes in plants. In cases where hot water, steam, hot air or other heating appliances or furnaces are hereafter placed in any building, or flues or fireplaces are changed or enlarged, due notice shall first be given to the superintendent of buildings by the person or persons placing the said furnace or furnaces in said building, or by the contractor or superintendent of said work.

Section 2. § 552 of article 26 of chapter 5 of the Code of Ordinances of The City of New York is hereby repealed.

Section 3. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

ORIGINAL.

AN ORDINANCE in relation to chimneys and heating apparatus in the City of New York.

Be It Ordained by the Board of Aldermen of The City of New York, as follows: Section 1. Article 19 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

ARTICLE 19.

Chimneys, flues and heating [appliances] apparatus.

- [Section 390. Construction.  
391. Chimneys.  
392. Chimneys and fireplaces.  
393. Flues.  
394. Smoke pipes.  
395. Hot-air heating.  
396. Vent flues.  
397. Heating furnaces and boilers.  
398. Steam and hot water pipes.  
399. Ranges and stoves.  
400. Drying rooms.  
401. Notice to be given of changes in plants.]
- Section 390. General.  
391. Heat producing devices.  
392. Chimneys.  
393. Fireplaces.  
394. Metal smokestacks.  
395. Cupola chimneys.  
396. Underground flues.  
397. Ranges.  
398. Drying rooms.  
399. Smoke houses.  
400. Registers.  
401. Vent flues.  
402. Ducts.  
403. Smoke pipes.  
404. Steam and hot water pipes.

§ 390. General. 1. Definitions. For the purposes of this chapter, a chimney is that part of a building which contains one or more flues for



conveying the products of combustion from some fireplace or heating device to the outer air, and includes the fireplace when there is one;

b—a flue is a passage, enclosed on all sides with solid masonry or reinforced concrete and used only for the transmission of air, whether fresh, heated or vitiated, or of the products of combustion from solid or liquid fuel, and designated respectively vent flue or smoke flue;

c—a duct is a passage constructed of sheet metal or other approved incombustible material, and used only for the transmission of air, whether fresh, heated or vitiated;

d—a smoke pipe is a passage constructed of sheet metal and used for the transmission of the products of combustion only.

2. Notice of installation. In case heat appliances or furnaces are hereafter placed in any building, or flues or fireplaces are installed, changed or enlarged, and such installation or alteration necessitates any change in any structural parts of the building, due notice shall be given to the superintendent of buildings by the person doing such work or causing the same to be done, and a permit secured from him if necessary.

§391. Heat producing devices. For the purposes of this chapter, heat producing devices shall be graded as

a—low, including annealing baths for hard glass (jars, paraffine, salts or metals); bake ovens (in bakeries); boiling vats for wood fibre, straw lignin, etc.; candy furnaces; coffee roasting ovens; cooking ranges; core ovens; cruller furnaces; feed drying ovens; fertilizing drying ovens; forge furnaces (solid fuel); gypsum kilns; hardening furnaces (below dark red); hot air engine furnaces; hot air furnaces, hot water and low pressure steam heating boilers; japanning ovens; ladle drying furnaces; lead melting furnaces; nickel plate (drying) furnaces; paraffine furnaces; recuperative furnaces (spent materials); rendering furnaces; rosin melting furnaces; stereotype furnaces; sulphur furnaces; tripoli kilns (clay, coke and gypsum); type foundry furnaces; wood drying furnaces; wood impregnating furnaces; zinc amalgamating furnaces;

b—medium, including alabaster gypsum kilns; annealing furnaces (glass or metal—small); charcoal furnaces; cold stirring furnaces; feed driers (direct fire heated); fertilizer driers (direct fire heated); galvanizing furnaces; gas producers; hardening furnaces (cherry to pale red); lehrs and glory holes; lime kilns; porcelain biscuit kilns; pulp driers (direct fire heated); smoke houses; steam boilers, other than low pressure heating boilers; water-glass kilns; wood-distilling furnaces; wood-gas retorts;

c—high, including annealing furnaces; bessemer retorts; billet and bloom furnaces; blast furnaces; bone calcining furnaces; brass furnaces; carbon point furnaces; cement, brick and tile kilns; coal and water gas retorts; cupolas; earthenware kilns; glass blow furnaces; glass furnaces (smelting); glass kilns; open hearth furnaces; or roasting furnaces; porcelain baking and glazing kilns; pot-arches; puddling furnaces; regenerative furnaces; reverberatory furnaces; stacks; carburetor or superheating furnaces (in water gas works); welding furnaces; wood carbonizing furnaces.

In doubtful cases the superintendent of buildings shall by a rule designate the grade of any heat producing device, being governed in doing so, by the degree and amount of heat transmitted.

§392. Chimneys. 1. Construction. Except as in this article otherwise provided, every chimney hereafter erected shall be of brick or stone laid in cement mortar, or of reinforced concrete, extending above the highest point of the roof and at least four feet above the highest point of contact with the roof. Every chimney shall be properly capped with terra cotta, stone, cast iron or other approved incombustible, weatherproof material, except that on buildings, forty feet or less in height, the top courses of a brick chimney may be finished off by being carefully bonded and anchored together to serve as coping.

2. Supports. All chimneys shall be wholly supported by stone, brick or self-supporting fireproof construction. No chimney shall rest or be built upon any wood construction.

3. Flues for low grade devices. The smoke flues of stoves, cooking ranges, hot air, hot water and low pressure steam heating furnaces, and all other heat producing devices graded as low in §391 of this article, shall be encased in brickwork or concrete not less than eight inches thick, except that for smoke flues used exclusively for ordinary stoves, ranges or open fireplaces, when no combustible studding, furring or sheathing is placed against it, such brickwork or concrete may be reduced to not less than four inches. In chimneys of stone, the stone work of such flues shall be four inches thicker than required for brick. Every flue coming under the provisions of this subdivision hereafter erected shall be lined with well-burnt terra cotta pipe, from the bottom of the flue, or from the throat of the fireplace if the flue starts from a fireplace, for the entire height of the chimney. Such lining pipes shall be built in as the flues are carried up, laid end to end in cement mortar so as to make a smooth flue. Where two or more smoke flues are contained in the same chimney, the walls shall be either brick not less than four inches thick, or concrete or grout not less than one inch thick, provided, however, that every third wall shall consist of brick.

4. Flues for medium grade devices. The smoke flues of high pressure steam boilers, smoke houses and all other heat producing devices graded as medium in §391 of this article shall be encased in brickwork or concrete not less than eight inches thick, or stonework not less than twelve inches thick, and, in addition, shall be lined with not less than four inches of fire brick, laid in fire mortar, for a distance of at least twenty-five feet from the point where the smoke connection of the device enters the flue.

5. Flues for high grade devices. The smoke flues of cupolas, brass furnaces, porcelain baking kilns and all other heat producing devices graded as high in §391 of this article shall be built with double walls, each not less than eight inches in thickness, with an air space of not less than two inches between them. The inside of the interior walls shall be of firebrick not less than four inches in thickness.

6. Certain flues required. Every smoke flue hereafter placed in any building shall have a clear internal cross-sectional area of not less than forty-five square inches. In every building hereafter erected exceeding forty feet in height, where one or more smoke flues start from the cellar or lowest story, at least one such flue shall have an internal cross-sectional area of not less than ninety-six square inches and shall start not less than three feet below the ceiling. No flue hereafter erected shall have smoke pipe connections in more than one story of a building.

7. Flues to be clean and chimneys safe. Upon the completion of any new building or an alteration in any flues of an existing building, the flues shall be properly cleaned and left smooth on the inside. Any chimney which shall be dangerous in any manner whatever, shall be repaired and made safe, or taken down.

8. Unlawful use of flues. It shall be unlawful to use as a smoke flue any flue hereafter erected or placed in any building, or any flue now existing and not already used as a smoke flue, unless it conforms to the requirements of this section. Nothing in this article, however, shall prevent the use of approved metal flue linings for the repair or alteration of existing flues in residence buildings.

9. Raising adjoining chimneys. a. Whenever a building, wall or structure is hereafter erected, altered, enlarged or raised so that any of the walls, whether independent or party, along a property line or within three feet thereof, extends above the top of any chimney, smoke flue or smokestack of an adjoining building or structure, the owner of the building, wall or structure so erected, altered, enlarged or raised, shall carry up at his own expense, all chimneys, smoke flues and smokestacks of such adjoining building or structure within ten feet of any portion of the said wall extending above such chimney, flue or stack. The construction of such chimneys, flues or stacks shall conform to the requirements of this article applying thereto, but in no case shall the internal area of any flue or stack as raised be less than that of the existing flue or stack. All such chimneys, flues or stacks shall be carried above the walls in question to the heights prescribed, and shall, furthermore, be so constructed, supported and braced as to be at all times safe.

b. It shall be the duty of the owner of the building, wall or structure to be erected, altered, enlarged or raised to notify in writing, at least ten days before such work is begun, the owner of the chimneys, flues or stacks affected, of his intention to carry up such chimneys, flues or stacks as herein provided, and unless released in writing he shall carry up such chimneys, flues or stacks simultaneously with the walls.

c. The provisions of this subdivision shall not apply in any cases where the wall extending above such chimneys or flues has heretofore been completed in accordance with existing laws or ordinances.

§393. Fireplaces. 1. Firebacks. The firebacks of all fireplaces hereafter erected shall be not less than eight inches in thickness of solid masonry. A lining of firebrick or other approved material at least two inches thick shall be provided unless the fireback is twelve inches in thickness.

2. Trimmer arches. All fireplaces and chimney breasts where mantels are placed, whether intended for ordinary fireplace use or not, shall have trimmer arches or fireproof construction supporting hearths. The arches and hearths shall be at least twenty

inches in width measured from the face of the chimney breast. Trimmer arches shall be of brick, stone, terra cotta or reinforced concrete. The length of the trimmer arch shall be not less than the width of the chimney breast, and the length of the hearth shall be not less than the width of the mantel. The hearths shall be of brick, stone, tile or other approved fireproof material. The combined thickness of trimmer arch and hearth shall at no point be less than six inches. Wood centres under trimmer arches shall be removed before plastering the ceiling underneath.

3. Heaters. No heater shall be placed in a fireplace which does not conform to the foregoing requirements of this section.

4. Mantels. No wood mantel or other woodwork shall be hereafter placed within eight inches on either side nor within twelve inches of the top of any open fireplace. If a coal-burning heater of the Baltimore type is placed in a fireplace any mantel that may be provided shall be of incombustible material. No combustible summer piece or fireboard shall be used in connection with any open fireplace. All spaces back of combustible mantels shall be solidly filled in with incombustible material.

5. False fireplaces. False fireplaces using summer pieces or fireboards shall not be placed in any building except against an unfurred masonry wall or a fireproof partition.

§394. Metal smokestacks. 1. Construction. Metal smokestacks must be so constructed that they will be securely supported and that the materials entering into their construction or serving as support shall not be stressed beyond the working stresses fixed by this chapter. The metal work must be riveted and of adequate thickness, but not less than No. 16 U. S. gage when the cross-sectional area is one hundred and fifty-four square inches or less, not less than No. 14 U. S. gage when the cross-sectional area is more than one hundred and fifty-four square inches and not more than two hundred and one square inches, not less than No. 12 U. S. gage when the cross-sectional area is more than two hundred and one square inches but not more than two hundred and fifty-four square inches, and not less than No. 10 gage when the cross-sectional area is more than two hundred and fifty-four square inches. All metal work shall be painted; galvanized metal shall not be used. Clean-out openings shall be provided at the base of every such stack.

2. Height. All such stacks shall extend to a height of not less than ten feet above the highest point of any roof within twenty-five feet.

3. Independent stacks. All such stacks and chimneys hereafter erected, outside and independent of any building, shall be supported on substantial masonry foundations, so designed that the maximum pressure on the soil shall not exceed two-thirds of that prescribed in §231 of this chapter.

4. Exterior stacks. Any such stacks, or any part thereof, hereafter erected on the immediate exterior of the building it serves shall be braced to such building at least every twenty feet. It shall have a clearance of not less than four inches from the walls of a fireproof or non-fireproof building and not less than twenty-four inches from the walls of a frame building; and a clearance of not less than twenty-four inches in any direction from any wall opening, fire escape or other exit facility, unless such stack is insulated in some approved manner, in which case the clearances herein provided may be reduced an amount fixed by the superintendent of buildings when approving the insulation.

5. Interior stacks. Any such stack, or part thereof, hereafter erected within any building shall be enclosed in walls of approved masonry; or, if in a fireproof building, such stack, or part thereof, shall be enclosed in walls of brick, terra cotta blocks or concrete not less than eight inches thick, with a space left between the stack and the enclosing walls sufficient to render the entire stack accessible for examination and repair. The enclosing wall shall be without openings above the story at which it starts.

6. Prohibition. Smokestacks shall not be carried up inside of vent stacks or flues connected to ranges, unless such vent stacks or flues are constructed as required by this article for smokestacks or smoke flues.

§395. Cupola chimneys. Chimneys of cupola furnaces, blast furnaces and similar devices shall extend at least twenty feet above the highest point of any roof within a radius of fifty feet thereof and be covered on top with heavy wire netting or other approved spark arrester. No woodwork shall be within three feet of any part of such device or its chimney.

§396. Underground flues. Underground smoke flues shall be covered with at least twelve inches of solid masonry, or an approved equivalent insulation. If clean-out openings are installed they shall be provided with approved double iron doors or covers, of which the two parts are twelve inches apart, with the intervening space filled with insulating material. No combustible flooring shall be laid over any such flues.

§397. Ranges. 1. Kitchen ranges. When fixed ranges are to be installed in any building hereafter erected trimmer arches extending beyond such ranges not less than six inches on all sides shall be provided unless the floor is of fireproof construction. No such range shall be placed against a stud partition, a furred wall or any other combustible construction. When any such range is to be placed within twelve inches of a wood stud partition the said partition shall be shielded with metal from the floor to a height of not less than three feet higher than the range, provided that when 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 filled in to the face of the said stud partition with brick or fireproof blocks.

2. Hoods over ranges. All hoods and ducts for same placed over hotel or restaurant ranges shall be constructed of incombustible materials and installed in accordance with the requirements of §403 for smokepipes.

§398. Drying rooms. Drying rooms hereafter placed within any building as a part of the building shall be constructed entirely of incombustible materials. When the heating pipes are not placed overhead, they shall be so shielded as to preserve at all times a clear space of not less than two inches between them and the contents. All such drying rooms shall be ventilated directly to the outer air by vent flues or ducts installed as specified in §403 of this article for smokepipes.

§399. Smoke houses. All smoke houses hereafter erected as part of any building shall be of fireproof construction with walls of brick or reinforced concrete. All openings shall be provided with fire doors. The interior framing, racks, hangers and other interior fittings shall be of incombustible material.

§400. Registers. All registers used in any hot air furnace heating system, placed in any woodwork or combustible floor, shall rest upon stone or iron borders firmly set in plaster of paris or gauged mortar. All register boxes used in any such heating system shall be made of tin plate or galvanized iron with a flange to fit the rabbet in the border. The register box shall be enclosed in a tin or galvanized iron casing turned under the border and spaced at least two inches from the sides of the box. Such casing shall extend from the border to and through the ceiling below in the case of a floor register and through the partition in the case of a wall register. When a register box is placed in the floor over a portable furnace, the space on all sides between the casing and the register box shall be not less than four inches. Every hot air furnace shall have at least one register without valve or louvers.

§401. Vent flues. Flues hereafter erected for the removal of foul air or the transmission of heater air shall be encased in masonry not less than four inches thick and shall be lined with terra cotta or other approved incombustible material. Not more than one gas burning device shall be direct-connected to any flue, nor shall any such device be connected to any smoke flue. Any flue to which a gas burning device is direct-connected, shall be constructed as required in §392 for a smoke flue.

§402. Ducts. 1. General. Except as may be otherwise specifically permitted or prescribed, the transmission of air through buildings for heating or ventilation shall be by means of ducts constructed as in this section provided.

2. Casing. No casing, furring or lath of wood shall be placed against or over a duct of any kind; but this shall not prevent the placing of woodwork on a covering over such ducts, of metal lath and plaster, plaster board or asbestos, provided the thickness of the covering is not less than seven-eighths of an inch.

3. In Partitions. Ducts hereafter placed in combustible partitions shall be covered with one-half inch of corrugated asbestos or shall be constructed double with a one-half inch air space. The asbestos covering or outside pipe shall be not less than one and one-half inches away from the woodwork. In lieu of the above protection, four inches of brickwork or concrete may be placed between the duct and the woodwork.

4. In floors. Ducts hereafter placed between the flooring and ceiling of non-fireproof floors, shall be constructed double with a one-inch air space. The outside pipe shall be not less than two inches from any woodwork which shall be covered with metal.

5. In closets. Ducts hereafter placed in closets or similar concealed spaces shall



be double with a one and one-half inch air space. The outside pipe shall be not less than No. 18 U. S. gauge, and not less than one inch from any woodwork.

6. Passing through partitions and floors. Ducts hereafter placed to pass through combustible partitions or floors shall be constructed double, with a one and one-half inch air space open at one end.

7. Horizontal ducts. Ducts hereafter placed horizontally, shall be not less than seven-eighths of an inch from any woodwork. When used for hot air furnace heating under cellar ceilings they shall be placed at least six inches below wood floor beams, wood lath and plaster ceiling or other combustible material; but if such combustible construction is protected by metal lath and plaster, plasterboard or one-half inch asbestos the distance may be not less than three inches.

8. Cold air ducts. The cold air ducts of any heating system shall be of metal or other approved fireproof material.

9. Hot air ducts. No hot air furnace duct shall be placed in any floor, partition or enclosure, of combustible construction, unless it be at least eight feet distant in a horizontal direction from the furnace.

§ 403. Smoke pipes. 1. Restriction. No smoke pipe shall pass through any floor, nor through any non-fireproof roof.

2. Clearance. The clear distance between any smoke pipe or metal breeching and any combustible material or construction shall be not less than eighteen inches in the case of low grade heat producing devices nor less than thirty-six inches for medium or high grade heat producing devices, except that, when such smoke pipes or breechings are protected with not less than two inches of asbestos or in some other approved manner, such clearances may be reduced one half, and that, in case of smoke pipes used on ordinary ranges and stoves in tenements or other residence buildings having not more than fifteen sleeping rooms, such clearances may be not less than nine inches when the combustible material or construction is protected by one-half inch asbestos or its equivalent, nor less than eighteen inches when not so protected.

3. Protection through partitions. Smoke pipes from ordinary ranges and stoves in residence buildings may pass through combustible partitions, provided every such pipe is guarded by a double metal ventilated thimble twelve inches larger in diameter than the pipe, or by a metal tube built in brickwork or other approved fireproof materials, not less than eight inches thick on all sides of the tube.

§ 404. Steam and hot water pipes. 1. Protection. Steam or hot water pipes shall not be placed nearer than one inch to any woodwork unless the woodwork is covered with metal, in which case the distance shall be not less than one-half inch. Every steam or hot water heating pipe passing through a combustible floor or partition shall be protected by a metal tube one inch larger in diameter than the pipe. Any such pipe passing through stock shelving shall be covered with not less than one inch of approved insulation. All wood boxes or casings inclosing steam or hot water heating pipes, or wood covers to recesses in walls in which such pipes are placed, shall be lined with metal.

2. Pipe coverings. Any coverings or insulation used on steam or hot water pipes shall be of incombustible material.

§ 390. Construction. All fireplaces and chimneys in stone or brick walls in any building hereafter erected, except as herein otherwise provided, and any chimney or flue hereafter altered or repaired, without reference to the purpose for which they may be used, shall have the joints stuck smooth on the inside, except when lined on the inside with pipe. No paring mortar shall be used on the inside of any fireplace, chimney or flue. No wood casing, furring or lath shall be placed against or cover any smoke flue or metal pipe used to convey hot air or steam.

§ 391. Chimneys. 1. Foundation and supports. No chimney shall be started or built upon any floor or beam of wood. Where chimneys are supported by piers, the piers shall start from the foundation on the same line with the chimney breast, and shall be not less than 12 inches on the face, properly bonded into the walls. When a chimney is to be cut off below, in whole or in part, it shall be wholly supported by stone, brick, iron or steel. In no case shall a chimney be corbeled out more than 8 inches from the wall, and in all such cases the corbeling shall consist of at least 5 courses of brick, but no corbeling more than 4 inches shall be allowed in 8-inch brick walls.

2. Dwellings and stables. On dwelling houses and stables, 3 stories or less in height, not less than 6 of the top courses of a chimney may be laid in pure cement mortar, and the brickwork carefully bonded and anchored together in lieu of coping.

3. Foundry cupolas. Iron cupola chimneys of foundries shall extend at least 10 feet above the highest point of any roof within a radius of 50 feet of such cupola, and be covered on top with a heavy wire netting. No woodwork shall be placed within 2 feet of the cupola.

4. Repair and removal. All chimneys which shall be dangerous in any manner whatever shall be repaired and made safe, or taken down.

§ 392. Chimneys and fireplaces. 1. Trimmer arches. All fireplaces and chimney breasts where mantels are placed, whether intended for ordinary fireplace uses or not, shall have trimmer arches to support hearths, and the said arches shall be at least 20 inches in width, measured from the face of the chimney breast, and they shall be constructed of stone, brick 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.

2. Firebacks. The firebacks of all fireplaces hereafter erected shall be not less than 8 inches in thickness, of solid masonry. When a grate is set in a fireplace a lining of firebrick, at least 2 inches in thickness, shall be added to the fireback, unless soapstone, tile or cast iron is used, and filled solidly behind with fireproof material.

3. Fireplace heaters. If a heater is placed in a fireplace then the hearth shall be the full width of the heater. All fireplaces in which heaters are placed shall have incombustible mantels.

4. Fireboards. No fireplace shall be closed with a wood fireboard.

5. Mantels. No wood mantel or other woodwork shall be exposed back of a summer piece; the ironwork of the summer piece shall be placed against the back or stonework of the fireplace.

§ 393. Flue. 1. Construction. All smoke flues shall extend at least 3 feet above a flat roof, and at least 2 feet above a peak roof. The stone or brickwork of the smoke flues of all boilers, furnaces, bakers' ovens, large cooking ranges, large laundry stoves, and all flues used for a similar purpose, shall be at least 8 inches in thickness, and shall be capped with terra-cotta, stone or cast iron.

2. Boiler and furnace flues. The inside 4 inches of all boiler flues shall be firebrick, laid in fire mortar, for a distance of 25 feet in any direction from the source of heat. All smoke flues of smelting furnaces or of steam boilers or other apparatus which heat the flues to a high temperature, shall be built with double walls of suitable thickness for the temperature, with an air space between the walls, the inside 4 inches of the flues to be of firebrick.

3. Flue linings. In all buildings hereafter erected every smoke flue, except the flues hereinbefore mentioned, shall be lined on the inside with cast iron or 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 to the extreme height of the flue. The ends of all such lining pipes shall be made to fit close together, and the pipe shall be built in as the flue or flues are carried up. Each smoke pipe shall be inclosed on all sides with not less than 4 inches of brickwork properly bonded together.

4. Maintenance. All flues, in every building, shall be properly cleaned and all rubbish removed, and the flues left smooth on the inside upon the completion of the building.

§ 394. Smoke pipes. 1. Inside construction. No smoke pipe shall pass through any wood floor. No stovepipe shall be placed nearer than nine inches to any lath and plaster or board partition, ceiling or any woodwork. Smoke pipes of laundry stoves, large cooking ranges and of furnaces shall be not less than 15 inches from any woodwork, unless they are properly guarded by metal shields; if so guarded, stove pipes shall be not less than 6 inches distant, smoke pipes of laundry stoves, large cooking ranges and of furnaces shall be not less than 9 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 12 inches larger in diameter than the pipes, or by galvanized iron thimbles built in at least 8 inches of brickwork.

2. Through roofs. No smoke pipe shall pass through the roof of any building unless a special permit be first obtained from the bureau of buildings for the same. If a permit is granted, then the roof through which the smoke pipe passes shall be protected in the following manner: A galvanized iron ventilated thimble of the following dimensions shall be placed: In case of a stovepipe, the diameter of the outside guard shall be not less than 12 inches and the diameter of the inner one 8 inches, and for all furnaces, or where similar large hot fires are used, the diameter of the

outside guard shall be not less than 18 inches and the diameter of the inner one 12 inches. The smoke pipe thimbles shall extend from the under side of the ceiling or roof beams to at least 9 inches above the roof, and they shall have openings for ventilation at the lower end where the smoke pipes enter, also at the top of the guards above the roof. Where a smoke pipe of a boiler passes through a roof, the same shall be guarded by a ventilated thimble, same as before specified, 36 inches larger than the diameter of the smoke pipe of the boiler.

§ 395. Hot-air heating. 1. Stationary furnaces. All brick hot-air furnaces shall have two covers, with an air space of at least 4 inches between them; the inner cover of the hot-air chamber shall be either a brick arch or 2 courses of brick laid on galvanized iron or tin, supported on iron bars; the outside cover, which is the top of the furnace, shall be made of brick or metal supported on iron bars, and so constructed as to be perfectly tight, and shall be not less than 4 inches below any combustible ceiling or floor beams. The walls of the furnace shall be built hollow in the following manner: One inner and one outer wall, each 4 inches in thickness, properly bonded together with an air space of not less than 3 inches between them. Furnaces must be built at least 4 inches from all woodwork. The cold-air boxes of all hot-air furnaces shall be made of metal, brick or other incombustible material, for a distance of at least 10 feet from the furnace.

2. Portable furnaces. All portable hot-air furnaces shall be placed at least 2 feet from any wood or combustible partition or ceiling, unless the partitions and ceilings are properly protected by a metal shield, when the distance shall be not less than 1 foot. Wood floors under all portable furnaces shall be protected by 2 courses of brickwork well laid in mortar on sheet iron. Said brickwork shall extend at least 2 feet beyond the furnace in front of the ash pan.

3. Hot air pipes and ducts. All stone or brick hot-air flues and shafts shall be lined with tin, galvanized iron or burnt-clay pipes. Tin or other metal pipes in brick or stone walls used or intended to be used to convey heated air, shall be covered with brick or stone at least 4 inches in thickness. Woodwork near hot-air pipes shall be guarded in the following manner: A hot-air pipe shall be placed inside another pipe, 1 inch larger in diameter, or a metal shield shall be placed not less than ½ inch from the hot-air pipe; the outside pipe or the metal shield shall remain 1½ inches away from the woodwork and the latter must be tin lined, or in lieu of the above protection, 4 inches of brickwork may be placed between the hot-air pipe and the woodwork. This shall not prevent the placing of metal lath and plaster directly on the face of hot-air pipes or the placing of woodwork on such metal lath and plaster, provided the distance is not less than ¾ of an inch. No vertical hot-air pipe shall be placed in a stud partition, or in wood inclosure, unless it be at least 8 feet distant in a horizontal direction from the furnace. Hot-air pipes in closets shall be double, with a space of 1 inch between them. Horizontal hot-air pipes shall be placed 6 inches below the floor beams or ceiling; if the floor beams or ceiling are plastered and protected by a metal shield, then the distance shall be not less than 3 inches.

4. Registers. Registers located over a brick furnace shall be supported by a brick shaft built up from the cover of the hot-air chamber; said shaft shall be lined with a metal pipe, and all wood beams shall be trimmed away not less than four inches from it. Where a register is placed on any wood work in connection with a metal pipe or duct, the end of the side pipe or duct shall be flanged over on the woodwork under it. All registers for hot-air furnaces placed in any woodwork or combustible floors shall have stone or iron borders firmly set in plaster of paris or guaged mortar. All register boxes shall be made of tin plate or galvanized iron with a flange on the top to fit the groove in the frame, the register to rest upon the same; there shall be an open space of 2 inches on all sides of the register box, extending from the under side of the border to and through the ceiling below. The said 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 3 inches. When only one register is connected with a furnace said register shall have no valve.

§ 396. Vent flues. Vent flues or ducts for the removal of foul or vitiated air in which the temperature of the air cannot exceed that of the rooms, may be constructed of iron, or other incombustible material, and shall not be placed nearer than 1 inch to any woodwork, and no such pipe shall be used for any other purpose. In the support or construction of such ducts, if placed in a public school room, no wood furring or other inflammable material shall be nearer than 2 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 plastered with at least 2 heavy coats of mortar, and having at least ½ inch air space between the flues or ducts and the lath and plaster.

§ 397. Heating furnaces and boilers. A brick-set boiler shall not be placed on any wood or combustible floor or beams. Wood or combustible floors and beams under and not less than 3 feet in front and 1 foot on the sides of all portable boilers shall be protected by a suitable brick foundation of not less than 2 courses of brick well laid in mortar on sheet iron; the said sheet iron shall extend at least 24 inches outside of the foundation at the sides and front. Bearing lines of bricks, laid on the flat, with air spaces between them, shall be placed on the foundation to support a cast-iron ash pan of suitable thickness, on which the base of the boiler shall be placed, and shall have a flange, turned up in the front and on the sides, 4 inches high; said pan shall be in width not less than the base of the boiler and shall extend at least 2 feet in front of it. If a boiler is supported on a cast-iron base with a bottom of the required thickness for an ash pan, and is placed on bearing lines of brick in the same manner as specified for an ash pan, then an ash pan shall be placed in front of the said base and shall not be required to extend under it. All lath and plaster and wood ceiling and beams over and to a distance of not less than 4 feet in front of all boilers shall be shielded with metal. The distance from the top of the boiler to said shield shall be not less than 12 inches. No combustible partition shall be within 4 feet of the sides and back and 4 feet from the front of any boiler, unless said partition shall be covered with metal to the height of at least 3 feet above the floor, and shall extend from the end of the back of the boiler to at least 5 feet in front of it; then the distance shall be not less than 2 feet from the sides and 5 feet from the front of the boiler.

§ 398. Steam and hot water pipes. Steam or hot water heating pipes shall not be placed within 2 inches of any timber or woodwork, unless the timber or woodwork is protected by a metal shield; then the distance shall be not less than 1 inch. All steam or hot water heating pipes passing through floors and ceilings or lath and plastered partitions shall be protected by a metal tube 1 inch larger in diameter than the pipe, having a metal cap at the floor, and where they are run in a horizontal direction between a 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 said pipe. All wood boxes or casings inclosing steam or hot water heating pipes and all wood covers to recesses in walls in which steam or hot water heating pipes are placed shall be lined with metal. All pipes or ducts used to convey air warmed by steam or hot water shall be of metal or other fireproof material. All steam and hot water pipe coverings shall consist of fireproof materials only.

§ 399. Ranges and stoves. 1. Kitchen ranges. Where a kitchen range is placed from 12 to 6 inches from a wood stud partition, the said partition shall be shielded with metal from the floor to the height of not less than 3 feet higher than the range; if the range is within 6 inches of the partition, then the studs shall be cut away and framed 3 feet higher and 1 foot wider than the range, and filled in to the face of the said stud partition with brick or fireproof blocks, and plastered thereon. All ranges on wood or combustible floors and beams that are not supported on legs and have ash pans 3 inches or more above their base, shall be set on suitable brick foundations, consisting of not less than 2 courses of brick well laid in mortar on sheet iron, except small ranges such as are used in apartment houses, that have ash pans 3 inches or more above their base, which shall be placed on at least 1 course of brickwork on sheet iron or cement. No range shall be placed against a furred wall.

2. Hotel or restaurant ranges. All lath and plaster or wood ceilings over all large ranges, and ranges in hotels and restaurants, shall be guarded by metal hoods placed at least 9 inches below the ceiling. A ventilating pipe connected with a hood over a range shall be at least 9 inches from all lath and plaster or woodwork, and shielded. If the pipe is less than 9 inches from the lath and plaster and woodwork, then the pipe shall be covered with 1 inch of asbestos plaster on wire mesh. No ventilating pipe connected with a hood over a range shall pass through any floor.

3. Heating stoves. All stoves for heating purposes shall be properly supported on iron legs resting on the floor 3 feet from all lath and plaster or woodwork; if the lath and plaster or woodwork is properly protected by a metal shield, then the distance shall be not less than 18 inches. A metal shield shall be placed under and 12 inches in front of the ash pan of all stoves that are placed on wood floors.



4. Laundry stoves. Laundry stoves on wood or combustible floors shall have a course of bricks, laid on metal, on the floor under and extended 24 inches on all sides of them.

5. Gas stoves. All low gas stoves shall be placed on iron stands, or the burners shall be at least 6 inches above the base of the stoves, and metal guards placed 4 inches below the burners, and all woodwork under them shall be covered with metal.

§ 400. Drying rooms. All walls, ceilings and partitions inclosing drying rooms, when not made of fireproof material, shall be wire-lathed and plastered, or covered with metal, tile or other hard incombustible material.

§ 401. Notice to be given of changes in plants. In cases where hot water, steam, hot air or other heating appliances or furnaces are hereafter placed in any building, or flues or fireplaces are changed or enlarged, due notice shall first be given to the superintendent of buildings by the person or persons placing the said furnace or furnaces in said building, or by the contractor or superintendent of said work.]

Section 2. Sec. 552 of article 26 of chapter 5 of the Code of Ordinances of The City of New York is hereby repealed.

Section 3. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

ANTHONY J. McNALLY, JOHN DIEMER, S. CLINTON CRANE, ALEX. DUJAT, CHARLES P. COLE, JOHN S. GAYNOR, Committee on Buildings.

Which was laid over.

Reports of Committee on Finance—

No. 2087.

**Report of the Committee on Finance in Favor of Adopting Resolution for \$7,900 Special Revenue Bonds for Repairs to Pumps and Boilers at the Clove Pumping Station, Borough of Richmond, Under Department of Water Supply, Gas and Electricity.**

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 26), the annexed request of the Commissioner of Water Supply, Gas and Electricity for \$7,900 special revenue bonds for pumping and boiler equipment at the Clove Pumping Station, Borough of Richmond, respectfully

REPORTS:

That Chief Engineer Smith reports that this plant is in a dangerous condition, and that it will cost \$1,200 to replace the pump and \$6,700 for installation of boilers. The elevation is the highest in the City, and requires adequate machinery to render competent service.

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 seven thousand nine hundred dollars (\$7,900), the proceeds whereof to be used by the Department of Water Supply, Gas and Electricity for the purpose of installing boiler and pumping equipment at the Clove Pumping Station, Borough of Richmond. All obligations incurred hereunder to be contracted for on or before March 1, 1916.

F. H. STEVENSON, JOHN DIEMER, HENRY H. CURRAN, D. M. BEDELL, C. AUGUSTUS POST, F. H. WILMOT, FRANCIS P. KENNEY, Committee on City of New York, Department of Water Supply, Gas and Electricity, Office of the Commissioner, Municipal Building, New York City, September 21, 1915.

Board of Aldermen, City Hall, New York City:

Sirs—At the Clove Pumping Station, Borough of Richmond, both the pumping and boiler equipment are inadequate in capacity to provide for proper reserve and safe and reliable operation of a plant. Water from this station is delivered to the high elevations and it will be necessary to keep this station in service even after the advent of the Catskill water. It is proposed to reconstruct this plant by installing boiler and pumping equipment released from other stations. The estimated cost of transporting, repairing and erecting the necessary pumping unit, boiler equipment and other appurtenances, and provide a suitable building for these additional pumping facilities, is \$7,900. The department has no surplus funds against which this expense could be properly charged, and I respectfully request that the money be provided by an issue of special revenue bonds. It is essential that this work be undertaken as early as possible, for the reason that the station is now being operated to its utmost capacity and, in fact, beyond the strict degree of safety.

Respectfully, WILLIAM WILLIAMS, Commissioner.

The Vice-Chairman moved that this report be accepted, and the resolution adopted.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; The Vice-Chairman—69.

No. 2109.

**Report of the Committee on Finance in Favor of Adopting Resolutions for \$212 Special Revenue Bonds for Reconstruction of Taylor Street Sewer Outlet.**

The Committee on Finance, to which was referred on October 19, 1915 (Minutes, page 82), the annexed request from the President of the Borough of Richmond for \$212 special revenue bonds to meet deficit in an amount needed for the reconstruction of the Taylor street sewer outlet, respectfully

REPORTS:

That the details of this request are given in the letter of application. It seems that this additional amount must be furnished.

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 hundred and twelve dollars (\$212), the proceeds whereof to be used by the President of the Borough of Richmond for the purpose of making up deficiency in amount appropriated for the reconstruction of the Taylor street sewer outlet. All obligations incurred hereunder to be contracted for on or before December 31, 1915.

F. H. STEVENSON, JOHN DIEMER, HENRY H. CURRAN, D. M. BEDELL, C. AUGUSTUS POST, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, October 6th, 1915.

Board of Aldermen, City Hall, New York City:

Gentlemen—On June 11th, 1915, the Board of Estimate and Apportionment approved a resolution of the Board of Aldermen of April 27th, 1915, appropriating \$3,100—for the purpose of reconstructing the Taylor Street sewer outlet. Bids were received and opened for this work, but the lowest bid was so high that it was impossible to let the contract with the money available for this purpose. New bids were advertised for and opened on Tuesday, September 28th, 1915. The lowest bid received was from A. M. Hazell for \$2,939; the amount allowed by the Board of Estimate and Apportionment for engineering and inspection was \$373, which makes the cost of the work \$3,312. The amount available is \$3,100, and we are, therefore, short \$212 of the necessary amount.

I would therefore request an additional issue of special revenue bonds to the amount of \$212, to make up the deficiency in this fund, caused by the lowest bid received being in excess of the Engineer's estimate of the cost. Yours very truly,

CALVIN D. VAN NAME, President of the Borough of Richmond.

Alderman O'Rourke moved that this report be accepted and the resolution adopted.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand,

Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

No. 2110.

**Report of the Committee on Finance in Favor of Adopting Resolution for \$600 Special Revenue Bonds for Construction of a Sewage Disposal Plant, Etc., at the Richmond County Jail.**

The Committee on Finance, to which was referred on October 19, 1915 (Minutes, page 82), the annexed request of the President of the Borough of Richmond for \$600 Special Revenue Bonds to meet deficit in amount necessary for construction of a sewage disposal plant, etc., at the Richmond County Jail, respectfully

REPORTS:

That the reasons for this application are fully set forth in the letter of request. This item has been checked in advance by the Bureau of Contract Supervision.

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 Six hundred dollars (\$600), the proceeds whereof to be used by the President of the Borough of Richmond for the purpose of meeting deficiency in the amount allowed for the purpose of constructing a sewage disposal plant, etc., at the Richmond County Jail. All obligations incurred hereunder to be incurred on or before December 31, 1915.

F. H. STEVENSON, JOHN DIEMER, HENRY H. CURRAN, D. M. BEDELL, C. AUGUSTUS POST, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, October 6th, 1915.

Board of Aldermen, City Hall, New York City:

Gentlemen—On June 4th, 1915, the Board of Estimate and Apportionment adopted a resolution of the Board of Aldermen, dated March 30th, 1915, for an issue of Special Revenue Bonds to the amount of \$5,300, for the purpose of constructing a sewage disposal plant, etc., at the Richmond County Jail. Bids were advertised for, but the lowest bid was so much higher than the Engineer's estimate of the cost of the work that there was not sufficient money in the fund to do the work. These bids were thrown out and new ones advertised for, which bids were opened on Tuesday, September 28th, 1915. The lowest bid was received from Messrs. O'Brien and Fleming, \$4,374.42. We propose to buy the ejector, compressor, motor, etc., also valves and screens, at a cost of \$925, which uses up the entire appropriation. We are, therefore, short of the amount needed for engineering and inspection, which was estimated by us and allowed by the Board of Estimate and Apportionment at \$604.73.

I would therefore request an additional issue of special revenue bonds to the amount of \$600, to make up the deficiency in the fund above mentioned, caused by the lowest bid for the work being in excess of the Engineer's estimate.

Yours very truly,

CALVIN D. VAN NAME, President of the Borough of Richmond.

Alderman O'Rourke moved that this report be accepted and the resolution adopted.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

No. 2112.

**Report of the Committee on Finance in Favor of Adopting Resolution for \$237,000 Special Revenue Bonds for Use by the Board of Education in Providing for School Activities During the Current Year.**

The Committee on Finance, to which was referred on October 19, 1915 (Minutes, page 83), a request from the Board of Education for \$270,000 Special Revenue Bonds to provide means for school activities during the current year, respectfully

REPORTS:

That the President and other members of the Board of Education assured the Committee the evening schools must be shut down entirely for the remainder of the year if this amount were not allowed. Of the \$150,000 asked for night schools, \$50,000 has been obtained through a transfer. The \$120,000 requested for day schools has been increased to \$137,000 on later figures. The representatives of the Board of Education are firmly of the belief that the \$237,000 now estimated to be necessary, if allowed, will suffice for the remainder of the fiscal year.

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 hundred and thirty-seven thousand dollars (\$237,000), the proceeds whereof to be used by the Board of Education for the purpose of providing for school activities during the remainder of the year 1915, as follows:

For day schools .....	\$137,000 00
For night schools .....	100,000 00
	\$237,000 00

All obligations incurred hereunder to be incurred on or before December 31, 1915.

F. H. STEVENSON, JOHN DIEMER, HENRY H. CURRAN, D. M. BEDELL, C. AUGUSTUS POST, F. H. WILMOT, FRANCIS P. KENNEY, FRANK L. DOWLING, Committee on Finance.

Alderman Stevenson moved that this report be accepted and the resolution adopted.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

No. 2123—(S. O. No. 255).

**Report of the Committee on Finance in Favor of Adopting Resolution for \$11,675 Special Revenue Bonds for the Purpose of Equipping New Quarters of the County Court of Kings County.**

The Committee on Finance, to which was referred on October 19, 1915 (Minutes, page 175), the annexed resolution in favor of an issue of \$11,675 Special Revenue Bonds for the purpose of equipping new quarters of the County Court of Kings County, respectfully

REPORTS:

That, having examined the subject, it believes the proposed allowance to be necessary. The attached statement showing in detail the proposed expenditures has been checked. The Committee is informed, by the Bureau of Contract Supervision.



It therefore recommends that the said 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 eleven thousand, six hundred and seventy-five dollars (\$11,675), the proceeds whereof to be used by the President of the Borough of Brooklyn for the purpose of equipping the new quarters of the County Court of Kings County (including furniture, etc.) on Schermerhorn Street, Borough of Brooklyn.

F. H. STEVENSON, JOHN DIEMER, HENRY H. CURRAN, D. M. BEDELL, C. AUGUSTUS POST, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

ESTIMATE OF COST OF EQUIPMENT FOR KINGS COUNTY COURTS, GERMANIA BUILDING, BROOKLYN.

1 6-foot table for Counsel	\$20 00
1 6-foot table for Clerks	20 00
1 6-foot table for Court Attendants	20 00
12 Chairs for Clerks' room, at \$6.75	81 00
6 Chairs for Attendants, at \$6.75	40 50
900 Document file drawers, at \$1.40	128 00
2 Stepladders, at \$3	6 00
100 Hatrack hooks for prisoners	5 00
35 Lockers for Court Attendants, at \$8	280 00
2 Electric fans, at \$14	28 00
2 Window shades, 70 in. x 32 in., at \$1.50	3 00

First Floor.  
Chief Clerk's Office.

2 Revolving chairs, at \$8	16 00
1 Steel safe	125 00
1 4-foot table	10 00
2 72-inch flat top desks, at \$45	90 00
1 Flat top typewriter desk	25 00
1 Chair for typewriter desk	6 00
1 Seal stand	10 00
1 Electric fan	14 00
2 Shades, 40 in. x 23 in., at \$1.50	3 00
Rugs	75 00

Clerks' Office.

5 60-inch flat top desks, at \$25	125 00
5 Revolving chairs, at \$8	40 00
1 10-foot table	40 00
6 Chairs (arm), at \$6.75	40 50
6 Rubber mats under desks	45 00
2 Electric fans, at \$14	28 00
2 Shades, 70 in. x 120 in., at \$5	10 00

Court Room, Part I.

3 Chairs for Judge's bench, 1 at \$30, 2 at \$20	70 00
1 Chair for Clerk	8 00
1 Chair for witness	6 75
1 Desk for Stenographer	20 00
1 Chair for Stenographer	6 00
3 Desk Lamps, Judge, Clerk and Stenographer, at \$4	12 00
36 Chairs for Grand and Trial Jurors' boxes, at \$6.75	243 00
2 4-foot tables for Counsel, at \$10	20 00
8 Chairs for Counsel, at \$6.75	54 00
1 60-inch roll top desk for Chief Attendant	45 00
1 Chair for Chief Attendant	8 00
75 chairs for jury panel (opera), at \$3	225 00
10 ft. Settees, at \$2 per foot	380 00
1 Ballot box, 1 reading stand, 1 ballot holder	35 00
2 Electric fans, at \$14	28 00

Jury Room.

1 ten-foot table	\$40 00
12 chairs at \$6.75	81 00
4 hat trees at \$6	24 00
1 electric fan	14 00
3 shades, 2 feet 6 inches wide, at \$1.50	4 50
3 awnings at \$4	12 00

First Floor, Mezzanine.

Grand Jury Room.

1 chair for foreman	20 00
1 chair for secretary	10 00
1 chair for stenographer	6 00
1 chair for witness	6 75
1 chair for District Attorney	6 75
21 chairs for grand jury (revolving), at \$10	210 00
6 chairs for grand jury (arm), at \$6.75	40 50
1 six-foot table	20 00
10 hat trees at \$6	60 00
50 chairs for witnesses (opera), at \$3	150 00
1 sixty-inch roll top desk for warden	45 00
1 chair for warden	8 00
2 electric fans at \$14	28 00
Rugs	20 00
1 shade, 36 inches wide, at \$1.50	1 50
1 awning at \$4	4 00
1 six-foot table for District Attorney's clerk	20 00
6 chairs (arm), at \$6.75	40 50

Jury Room.

1 shade, 2 feet 6 inches wide, at \$1.50	1 50
1 awning at \$4	4 00
1 ten-foot table	40 00
12 chairs (arm), at \$6.75	81 00
4 hat trees, at \$6	24 00
1 electric fan	14 00

Detectives' Room on Second Floor.

3 shades, 36 inches wide, at \$1.50	4 50
1 awning	4 00
1 six-foot table	20 00
10 chairs (arm), at \$6.75	67 50
1 hat tree	8 00
1 electric fan	14 00
1 jury room on second floor.	
2 jury rooms on second floor, mezzanine.	
1 jury room on third floor.	
1 jury room on third floor, mezzanine.	

Equipment for Each Jury Room.

1 ten-foot table	\$40 00
12 chairs (arm), at \$6.75	81 00
4 hat trees at \$6	24 00
1 electric fan	14 00

For five rooms	159 00
4 shades, 2 feet 6 inches wide, at \$1.50, and 4 awnings at \$4	795 00

2 Court Rooms, Part 2 and 3, 2d Floor.

2 Court Rooms, Part 4 and 5, 3d Floor.

3 Chairs for Judges' bench, 1 at \$30, 2 at \$30	\$70 00
1 Chair for Clerk	8 00
1 Desk for Stenographer	20 00
1 Chair for Stenographer	6 00
1 Chair for witness (arm)	6 75
24 Chairs for two Jury boxes (arm), at \$6.75	162 00
2 4-foot tables for Counsel, at \$10	20 00
8 Chairs for Counsel (arm), at \$6.75	54 00
60 Chairs for Jury panel (opera), at \$3	180 00
120 Feet settees, at \$2 per foot	240 00

1 Ballot box, 1 reading stand, 1 ballot holder	35 00
2 Electric fans at \$14	28 00

For 1 Court Room \$829 75

For 4 Court Rooms

3,316 00

1 Court Room, Part 6, 3d Floor, Mezzanine.	
2 Chairs for Judges' bench, 1 at \$30, 1 at \$20	50 00
1 Chair for Clerk	8 00
1 Chair for witness (arm)	6 75
1 Chair for Stenographer	6 00
1 Desk for Stenographer	20 00
24 Chairs for Jury boxes (arm), at \$6.75	162 00
2 4-foot tables for Counsel, at \$10	20 00
8 Chairs for Counsel (arm), at \$6.75	54 00
40 Chairs for Jury panel (opera), at \$3	120 00
50 Feet settees, at \$2 per foot	100 00
1 Ballot box, 1 reading stand, 1 ballot holder	35 00
2 Electric fans at \$14	28 00

Witness Room, 2d Floor.

1 Fan	14 00
48 Feet Settees, at \$2 per foot	96 00

Stenographers' Room, 2nd Floor, Mezzanine.

6 Flat-top typewriter desks, at \$30 (57 in. long)	180 00
6 Chairs for typewriter desks (revolving), at \$6	36 00
1 4-foot table	10 00
1 Chair for telephone operator (revolving)	7 00
1 Electric Fan	14 00
2 Hat trees, at \$6	12 00
3 Shades, 36 inches wide, at \$1.50	4 50
1 Awning	4 00

Witness Room, 3d Floor.

50 Feet settees, at \$2 per foot	100 00
1 Fan	14 00

Clerk's Room, 3rd Floor.

1 60 inch flat top desk at \$25	\$25 00
2 chairs (revolving) at \$8	16 00
1 flat top typewriter desk	25 00
1 chair for typewriter desk (revolving)	6 00
1 10 foot table	40 00
3 shades at \$1.50	4 50
1 awning	4 00
12 chairs (arm) at \$6.75	81 00
2 document file cabinets (steel, 24 drawers, each)	85 00
1 electric fan	14 00

Library, 3rd Floor, Mezzanine.

3 shades, 36 in. x 26 in., at \$1.50	4 50
3 awnings at \$4	12 00
5 library chairs at \$30	150 00
3 couches at \$30	90 00
5 small tables	50 00
6 chairs (arm) at \$6.75	40 50
1 electric fan	14 00
Rugs	100 00

Judges' Chambers.

1 72 inch roll top desk	100 00
1 chair (revolving, for judge)	15 00
2 flat top typewriter desks for secretaries at \$25	50 00
2 chairs for typewriters desks at \$6	12 00
4 5 foot library tables for judges at \$15	60 00
6 bookcases (revolving)	150 00
1 couch at \$30	30 00
3 wardrobes at \$25	75 00
12 hat trees at \$8	96 00
1 7 foot table for secretaries	32 00
8 chairs (leather) at \$10	80 00
8 electric fans at \$14	112 00
Rugs for Secretaries	60 00
Rugs for Judges	450 00

Entrance, 1st Floor, and Lettering.

2 signs for front of building, about 3 feet square	30 00
1 steel mat to fit 11 feet x 6 feet, about 40 square feet	27 00
40 feet of benches at \$2	80 00
2 steel mats for elevators, 5 feet 4 inches x 4 feet	20 00
96 cuspidors at \$5 per dozen	40 00
24 fire extinguishers at \$7	168 00
Lettering on doors (261 letters)	15 00

Judges' Chambers.

Stair and hall carpets, 4 floors, 150 yards, at \$1.25	190 00
1 ceiling light shade, 8 feet x 12 feet, Part VI	10 00

Judges' Chambers, Basement.

3 shades, 38 inches wide, at \$1.50	4 50
14 shades, 25 inches x 26 inches, at \$1.50	21 00
14 awnings at \$4	56 00

Total \$11,617 50

Which was laid over.

Report of Committee on Markets—

No. 1891.

Report of the Committee on Markets in Favor of Filing Request from the Late President of the Borough of Richmond for the Designation of a Public Market in Tompkinsville.

The Committee on Markets, to which was referred on June 22, 1915 (Minutes, page 820), the annexed request of the late President of the Borough of Richmond for the designation of a public market in Tompkinsville, respectfully

REPORTS:

That it believes that any recommendation in relation to action in this matter should come from the newly elected borough president. Pending such action, it recommends that the said request be placed on file.

HYMAN POUKER, ROBERT L. MORAN, F. H. WILMOT, JACOB BART-SCHERER, WM. D. BRUSH, JAMES J. MOLEN, Committee on Markets.

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, June 22nd, 1915.

Board of Aldermen of the City of New York, City Hall, New York City:

Dear Sirs—Request is hereby respectfully made that the triangular strip of property at Tompkinsville, this Borough, which is under the jurisdiction of this office and is bounded on the north by Arrietta Street, on the west by Griffin Street and on the east by Stuyvesant Place extension, be designated as a public market.

From September to December of last year there was conducted at the above place an open public market, where farmers were permitted to stand and dispose of their produce at retail. No peddlers or hucksters were allowed thereon, nor is it intended that they be allowed to do business at aforesaid market. Respectfully yours,

C. J. McCORMACK, President of the Borough of Richmond.

Which report was accepted.

No. 2043—(G. O. No. 734).

Report of the Committee on Markets in Favor of Adopting Ordinance to Amend the Code in Relation to the Manhattan Bridge Market.

The Committee on Markets, to which was referred on September 21, 1915 (Minutes, page 246), the annexed request of the Commissioner of Bridges for amendment of section 26, of article 2, of chapter 15 of the Code of Ordinances, relative to Manhattan Bridge Market, respectfully

REPORTS:

That this request is to secure a return to the Department of Bridges of a block under the Manhattan Bridge which has been officially set aside for market purposes but has never been used for same. If the Department of Bridges regains control of this space it is in a position to rent it for commercial purposes which will be of substantial advantage to the City in the way of revenue.



The Committee recommends that the accompanying ordinance be adopted.  
AN ORDINANCE to amend section 26 of article 2 of chapter 15 of the Code of Ordinances, relating to "location and designation of public markets."

Be it Ordained, by the Board of Aldermen of The City of New York, as follows: Section 1. Section 26 of article 2 of chapter 15 of the Code of Ordinances, relating to "location and designation of public markets," is hereby amended to read as follows:

§ 26. Manhattan bridge market. The space under the Manhattan Bridge between [Division Street] East Broadway and Madison street in the Borough of Manhattan, shall be set aside for a public market to be known as the Manhattan bridge market.

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in *italics*; old matter in brackets [ ], to be omitted.

HYMAN POUKER, ROBERT L. MORAN, FREDERICK H. WILMOT, JACOB BARTSCHERER, WILLIAM D. BRUSH, JAMES J. MOLEN, Committee on Markets.

Department of Bridges, City of New York, Municipal Building, Manhattan, N. Y., September 15, 1915.

To the Honorable the Board of Aldermen of The City of New York:

Gentlemen—On June 16, 1914, your Board adopted an ordinance designating the space under the Manhattan Bridge, between Division Street and East Broadway, Borough of Manhattan, as a market site. This designation was incorporated in Chapter 15, Article 2, Section 26, of the Code of Ordinances, adopted March 23, 1915.

The said section of the Code includes, in addition to the space or block between Division Street and East Broadway, the two spaces or blocks between East Broadway and Madison Street. These market spaces were assigned to the Department of Finance on February 15, 1915, by the Commissioners of the Sinking Fund. I am informed that the Bureau for the Collection of City Revenue and of Markets, under whose charge the market spaces are now, does not desire to use the block between Division Street and East Broadway, it not being as well adapted for market purposes as the other two blocks, namely, those between East Broadway and Madison Street.

I therefore beg to request that you amend Chapter 15, Article 2, Section 26, of the Code of Ordinances, so that it would not include the block between Division Street and East Broadway, and I would suggest that the section be made to read as follows:

Chapter 15, Article 2, Section 26. Manhattan Bridge Market. The space under the Manhattan bridge, between East Broadway and Madison street, in the Borough of Manhattan, shall be set aside for a public market to be known as the Manhattan Bridge Market. Yours truly,

F. J. H. KRACKE, Commissioner.

Which was laid over.

#### SPECIAL ORDERS.

No. 251—Int. No. 2079.

#### Report of the Committee on Finance in Favor of Adopting Resolution for \$32,738 Special Revenue Bonds for Installation of a Combined System of Hose Connection and Sprinkler Equipment at Dumping Boards.

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 17), the annexed request from the Commissioner of Street Cleaning for \$32,738 special revenue bonds for the erection of a combined system of hose connection and sprinkler equipment at dumping boards, respectfully

#### REPORTS:

That, having examined the subject, it believes the proposed improvement to be necessary. This request is made in pursuance of an order of the Fire Department, which has jurisdiction in such cases. The details are fully set forth in the annexed communication.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of thirty-two thousand seven hundred and thirty-eight dollars (\$32,738), the proceeds whereof to be used by the Commissioner of Street Cleaning for the purpose of installing a combined system of hose connection and sprinkler equipment at dumping boards, to be expended as follows:

Borough of Manhattan .....	\$28,240 00
Borough of The Bronx .....	3,048 00
Borough of Brooklyn .....	1,450 00

\$32,738 00

—all obligations contracted for hereunder to be incurred on or before April 1, 1916.

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, F. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

Department of Street Cleaning of The City of New York, Municipal Building, 12th Floor, New York, September 28, 1915.

Hon. GEORGE MCANENY, President, Board of Aldermen, City of New York:

Sir—During the past few years, frequent conflagrations have occurred at the department dumping boards, due to the character of the materials handled, the carelessness of the employees of the trimming contractor, to spontaneous combustion and other unavoidable causes.

The necessity for fire protection at these dumping boards is urgent, as in the past, when any of them has been destroyed, it has been necessary to lease private dumps at great expense to the City, and to restore the original dumping structure, which could only be done after much delay, due to the difficulty of obtaining the necessary appropriation. These dumping board structures are, with few exceptions, built entirely of wood and when a fire starts, total destruction invariably ensues, and it costs the City from \$3,000 to \$8,000 for reconstruction.

On November 17, 1914, the Bureau of Fire Prevention ordered that an open sprinkler system to cover the entire area beneath the dumping boards at practically all of our dumps should be installed at once, and on September 17, 1915, reminded us that these orders had not been complied with.

Request is, therefore, made that the Board of Aldermen pass a resolution authorizing the issuance of revenue bonds amounting to \$28,240 for the Borough of Manhattan; \$3,048 for the Borough of The Bronx, and \$1,450 for the Borough of Brooklyn, a total of \$32,738, pursuant to section 188, sub-division 8, of the Greater New York Charter, to cover the expense of installing a combined system of hose connection and sprinkler equipment for the purpose of extinguishing possible fires at the following dumping boards, viz.:

*Borough of Manhattan*—West 134th Street, North River; West 96th Street, North River; West 30th Street, North River; Canal Street, North River; Pier 43, North River; East 46th Street, East River; East 60th Street, East River; East 107th Street, Harlem River; East 30th Street, East River; East 139th Street, Harlem River; Stanton Street, East River; East 72nd Street, East River; West 77th Street, North River.

*Borough of The Bronx*—Lincoln Avenue, East River; East 138th Street, East River.

*Borough of Brooklyn*—Pier No. 1, Wallabout.

The estimated cost of this work has been furnished by the engineers of the Department of Docks and Ferries. A copy of the recommendation of the Fire Commissioner upon this subject is enclosed herewith.

It is desirable that all of the installations be completed at once, and I would, therefore, ask that your Honorable Board approve of this request at an early date. Yours very respectfully,

J. T. FETHERSTON, Commissioner

Hon. R. A. C. SMITH, Commissioner, Department of Docks and Ferries:

My Dear Commissioner—Since your last letter to me I have looked very carefully into the matter of fire prevention on the piers which are used as Street Cleaning dumps. I directed Chief Kenlon to make a careful investigation of this subject and let me have his report. He advises me that after a careful examination of the problem and a careful review of the entire situation he is "of the opinion that both hose and nozzles and sprinkler system are required; hose is most decidedly the better, and must be supplied in order to cope with fires on scows; the sprinkler equipment is just as necessary, and must be supplied if we hope to prevent and extinguish fires on dumps."

I enclose you a sketch showing the installation of a combination standpipe, hose and sprinkler equipment, with connections at river end for fireboats, and proper connections and controlling valves on land end for gravity pressure. If you or any of your engineers do not understand this matter, Chief Kenlon or a representative of the Bureau of Fire Prevention will be glad to take it up with you.

The Chief is of the opinion that both sprinklers and hose and nozzles are good when used singly, but far better when used in combination.

Will you please return the accompanying sketch when you have finished with it.

Yours very truly,

....., Fire Commissioner.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

No. 252—Int. No. 2082.

#### Report of the Committee on Finance in Favor of Adopting Resolution to Amend an Issue of \$900 Special Revenue Bonds for Use by the Surrogate of Queens County for Wages of Custodians and Watchmen.

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 23), the annexed request of the Surrogate of Queens County for amendment of a resolution for \$900 special revenue bonds for employment of Custodians and Watchmen, respectfully

#### REPORTS:

That, having examined the subject, it believes the proposed amendment to be necessary. The statement as to the delay in the completion of the new quarters is very clear, and it is obvious that the employment of these men must be continued.

It therefore recommends that the accompanying resolution be adopted.

Resolved, That the following resolution adopted June 22, 1915, and received from his Honor the Mayor July 6, 1915, to wit:

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 hundred dollars (\$900), the proceeds whereof to be used by the Surrogate of Queens County for the purpose of paying wages of Custodian and Watchmen, as follows:

2 Custodians at \$2.50 per day each, 90 days .....	\$450 00
2 Watchmen at \$2.50 per day each, 90 days .....	450 00

\$900 00

All obligations contracted for hereunder to be incurred on or before October 1, 1915.

—be and the same is hereby amended by striking therefrom the word and figure "October 1" and inserting in lieu thereof the word and figures "December 31."

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, F. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

Office of the Surrogate, Queens County, New York, Jamaica, September 17th, 1915.

Honorable Board of Aldermen, City Hall, New York:

Gentlemen—Referring to the following resolution adopted by you on June 22nd, 1915: "Resolved, That the resolution adopted by the Board of Aldermen on June 22, 1915, requesting an issue of special revenue bonds in the sum of nine hundred dollars (\$900.00), the proceeds whereof to be used by the Surrogate of Queens County for the purpose of paying wages of Custodians and Watchmen, as follows:

Two Custodians, at \$2.50 per day each, 90 days .....	\$450 00
Two Watchmen, at \$2.50 per day each, 90 days .....	450 00

"All obligations contracted for hereunder to be incurred on or before October 1, 1915; be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment; provided that no part of the proceeds shall be used except in accordance with schedules to be adopted 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 nine hundred dollars (\$900), redeemable from the tax levy of the year succeeding the year of their issue." I beg to say that pending the final passage of the resolution and the placing of the money at my disposal for the purpose of employing custodians and watchmen, the fund from which these employees had been paid became exhausted with payment for the month of May. They served during the month of June, although no money was available to pay them, and it was only recently that they received pay for that month. No money being available, the men ceased work after June 30th.

Your resolution above referred to provides that the obligations contracted for thereunder shall be incurred on or before October 1st, 1915. At the time this resolution was adopted it was believed that by October 1st at the very furthest, the building formerly occupied by my court and offices would be ready for occupancy, in fact it was expected that it would be finished a month or two before that time. I regret to say, however, that the work on the building has not been completed and the city has not accepted it.

It is therefore necessary for my court to continue its occupancy of the outside quarters provided for.

I am in communication with the Borough President relative to hurrying the work on the county building and as soon as the same has been completed, I shall make arrangements for moving. In connection therewith, it will be necessary to remove all papers from the wooden files in which they are now stored and place them into the metal filing cases provided. These latter files hold each about one-third more papers than those now in use and it will therefore be necessary to make a complete rearrangement. This work would be practically impossible for the present force, which is sufficient only to keep the work up to within a reasonable time. I could however utilize the services of four men provided for in the resolution above mentioned in making the change of files. To do this, however, it will be necessary that the resolution would be amended and I would therefore request that you kindly amend said resolution so that I would be authorized to employ as many custodians or watchmen as circumstances may require for the purpose above stated and that the expenditure therefor be incurred prior to January 1st, 1915, and that it shall not exceed the original appropriation of \$900.

I trust this suggestion will meet with your approval, and awaiting your further advices, I am Yours respectfully,

DANIEL NOBLE, Surrogate.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

No. 253—(Int. No. 2083).

#### Report of the Committee on Finance in Favor of Adopting Resolution for \$764.94 Special Revenue Bonds for Salaries and Wages of Temporary Employees in the Office of the County Clerk of Queens County for Remainder of 1915.

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 24) the annexed request of the County Clerk of Queens County for \$764.94 Special Revenue Bonds to pay salaries and wages of temporary employees for the remainder of the year 1915, respectfully

#### REPORTS:

That having examined the subject, it believes the proposed appropriation to be necessary. The reasons for this application are set forth in the letter of request hereto annexed.



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 seven hundred and sixty-four 94-100 dollars (\$764.94), the proceeds whereof to be used by the County Clerk of Queens County for the purpose of paying salaries and wages of temporary employees, as follows:

Two Map Draughtsmen, remainder of term from October 1 to December 31, 1915..... \$434 94  
Laborer, October 1 to December 31, 1915, at \$60 per month..... 180 00  
Watchman, November 1 to December 31, 1915, at \$75 per month..... 150 00

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, C. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

Queens County Clerk's Office, Jamaica, N. Y., September 21, 1915.

Honorable Board of Aldermen of The City of New York, City Hall, New York:  
Gentlemen—Application is hereby made for an issue of revenue bonds in the sum of \$764.94 to pay the balance of salaries of temporary employees as follows:

\$434.94 for two Map Draftsmen at \$100 a month for three months, October 1, 1915, to December 31, 1915. These two draftsmen were appointed to begin in 1915 at \$100 a month for twelve months each, but in April of this year I made an application to the Board of Estimate and Apportionment for additional money with which to employ Draftsmen in order that the land map of the County of Queens might be completed, and that Board, on the report of the Comptroller, placed the application on file with the recommendation that the money that was appropriated for the two draftsmen, to wit, \$2,400, be used first and then application be made for the balance.

Application was made to the Board of Estimate under subdivision 7, but the Comptroller has made a rule that no issue of revenue bonds be made under this subdivision for the remainder of this year, and suggested that the matter be taken up with your Board for approval and consent. This same ruling applies to the following matters:

\$180 is asked to employ Laborer for the remainder of 1915, three months at \$60 a month.

\$150 to employ a Watchman for the months of November and December at \$75 a month. These rates have been fixed by the Board of Estimate under the schedule of Temporary Employees, and it is for the purpose of having their services for the balance of the year that this issue of revenue bonds is sought.

The total as shown by the above is made up as follows:

For Map Draftsmen ..... \$434 94  
For Temporary Laborer ..... 180 00  
For Temporary Watchman ..... 150 00

Total..... \$764 94

Can I ask your early and favorable consideration in this matter, as I desire to continue this work and have it completed before my term expires.

Yours very truly, LEONARD RUOFF, County Clerk.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

No. 254—(Int. No. 2105).

#### Report of the Committee on Finance in Favor of Adopting Resolution for \$1,626.60 Special Revenue Bonds for Purchase of Text Books for Use of Students of the College of The City of New York.

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 77), the annexed resolution in favor of an issue of \$2,400 special revenue bonds for the purchase of text books for the College of The City of New York, respectfully

REPORTS:  
That having examined the subject, it believes an appropriation for this purpose to be necessary. The Corporation Counsel has advised the trustees of the College that the city must provide books for the use of its students. A list of the text books needed is attached hereto totaling an amount smaller than that originally requested.

The Committee recommends that the accompanying resolution be adopted.

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 to the amount of one thousand six hundred and twenty-six 60-100 dollars (\$1,626.60), the proceeds whereof to be used by the Trustees of the College of the City of New York, for the purpose of purchasing text books. All obligations contracted for hereunder to be incurred on or before April 1, 1916.

ORIGINAL.  
Resolved, Pursuant to subdivision 8 of section 188 of the Greater New York Charter, as amended, that the Board of Aldermen hereby request the Board of Estimate and Apportionment to authorize the Comptroller to issue special revenue bonds in an amount not to exceed the sum of \$2,400, the proceeds of which are to be used for the purchase of textbooks for the College of the City of New York.

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, C. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, Committee on Finance.

Books for increase in registration ..... \$1,329 20  
Books to replace those worn out ..... 139 50  
New books for new courses ..... 157 90

Total..... \$1,626 60

The increase in registration of College students is 400.

Department.	No. of Copies.	Title of Book.	Price.	Amount.	Totals.
Chemistry .....	50	B. & C. Qualit. Analysis..	\$1 12	*\$56 00	\$235 70
	25	Moody's Quantit. Analysis	1 00	*25 00	
	5	Bailey's Sanitary Chem...	1 40	*7 00	
	10	Chesnu's Theoret. Prin...	1 40	*14 00	
	10	Sherman's Meth. Organic	1 92	*19 20	
	35	Air, Water and Food....	1 50	*52 50	
	10	Cumming & Kay's Organic	1 60	*16 00	
	20	Venable's Hist. of Chem.	80	*16 00	
	20	P. & K. Organic Chem...	1 50	*30 00	
English .....	100	Irving's Sketch Book....	32	32 00	80 50
	50	Macbeth .....	19	9 50	
	100	Milton's Minor Poems...	19	19 00	
	50	Burke's Speech .....	20	10 00	
	50	Macaulay's Johnson .....	20	10 00	
French .....	100	Madame Therese .....	37	*37 00	
	30	Monte Cristo .....	33 1/3	*10 00	
	20	Bourgeois Gentilhomme..	26	*5 20	
	20	Corneille's Horace .....	24	*4 80	
	20	Corneille's Cinna .....	24	*4 80	
	20	Corneille's Le Cid .....	23	*4 60	
	20	Corneille's Polyucte ....	24	*4 80	
	20	Racine's Andromaque ...	24	*4 80	
	20	Racine's Athalie .....	24	*4 80	

Department.	No. of Copies.	Title of Book.	Price.	Amount.	Totals.
German .....	20	Boileau's Selections .....	40	*8 00	93 60
	20	Britannicus .....	24	*4 80	
	50	Die Karavane .....	60	30 00	
	30	German Dictionary .....	1 00	*30 00	
History .....	100	Ashley's American Hist..	1 05	*105 00	60 00
	50	Hist. of Western Europe.	1 20	*60 00	
	50	Outlines of West. Europe.	1 13	*56 50	
Latin .....	150	A. & G. New Latin Gram.	90	*135 00	368 00
	20	Horace's Satires .....	1 00	*20 00	
	60	Latin Dictionary .....	1 50	*90 00	
	50	Bennett's Latin Lessons..	58	29 00	
	100	Kelsey's Caesar .....	94	*94 00	
Mathematics .....	20	Analytic Geometry .....	1 00	*20 00	108 00
	20	Loomiss' Logarithms ....	80	*16 00	
	100	Crawley's Trigonometry..	72	*72 00	
Natural History ...	50	Abbott's General Biology	1 20	*60 00	105 50
	25	Huxley's Physiology ....	1 10	*27 50	
	3	Rosenau's Preventive Med.	6 00	*18 00	
Philosophy .....	60	Addam's Democracy .....	94	*56 40	139 90
	60	Ilyde's Five Philosophies..	1 125	*67 50	
	20	Jones' Logic .....	80	*16 00	
Physics .....	5	C. & D. Engineering.....	4 80	*24 00	24 00
Political Science....	10	Panama Canal .....	1 75	*17 50	77 90
	32	Bookkeeping & Accounting	1 50	*48 00	
	8	Bogart's Ec. Hist. of U.S.	1 55	*12 40	
Public Speaking....	150	Prin. of Oral English....	48	*72 00	72 00
Spanish .....	40	Wagner's Spanish Gram..	1 00	*40 00	40 00
					\$1,626 60

NOTE.—Items marked \* represent additional text-books needed on account of the increase in the registration of students. Items marked † represent text-books needed for new courses. Items not marked represent text-books that are needed to replace those too worn out and beyond the possibility of repair.

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Cunningham, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Van Name, by Henry P. Morrison, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—69.

GENERAL ORDERS.  
No. 712—Int. No. 1757.

#### Report of the Committee on Buildings in Favor of Adopting Substitute Ordinance Amending the Code in Relation to Fire Prevention in Motion Picture Exhibitions.

The Committee on Buildings, to which was recommitted on June 22, 1915 (Minutes, page 881), the annexed ordinance in favor of amending the section of the Code of Ordinances relating to fire prevention in motion picture exhibitions, respectfully

REPORTS:  
That it presents herewith a substitute ordinance, which it is confident thoroughly safeguards the subject, and at the same time affords a sometimes necessary latitude to the stringent regulations of the ordinance governing this class of amusement structures.

It recommends that the accompanying substitute ordinance be adopted.

SECOND SUBSTITUTE.  
AN ORDINANCE to amend subdivision 2, section 35, article 2, chapter 3 of the Code of Ordinances, relating to fire prevention in motion picture exhibitions.

Be it Ordained by the Board of Aldermen of The City of New York as follows:  
Subdivision 2 of section 35, article 2, chapter 3, of the Code of Ordinances, adopted by the Board of Aldermen March 23rd, 1915, and approved by the Mayor, March 30th, 1915, is hereby amended as follows:

2. Cellars. The basement or cellar under the auditorium shall be kept free and clear, except the space used for the heating apparatus, or for machinery connected with the theatre and for coal [ ], and except further that such basement or cellar if separated from the auditorium by an unpierced floor, either of fireproof construction or covered on the under side with fire-retarding material approved by the Fire Commissioner and Superintendent of Bureau of Buildings, may be occupied for a business deemed by the Fire Commissioner not to be hazardous.

Note—New matter in italics, old matter in brackets [ ], to be omitted.

SUBSTITUTE.  
AN ORDINANCE to amend subdivision 2, section 35, article 2, chapter 3, of the Code of Ordinances, relating to fire prevention in motion picture exhibitions.

Be it Ordained by the Board of Aldermen of The City of New York as follows:  
Subdivision 2 of section 35, Article 2, chapter 3 of the Code of Ordinances, adopted by the Board of Aldermen March 23rd, 1915, and approved by the Mayor March 30th, 1915, is hereby amended as follows:

2. Cellars. The basement or cellar under the auditorium shall be kept free and clear, except the space used for the heating apparatus, or for machinery connected with the theatre and for coal [ ], and except further that such basement or cellar if separated from the auditorium by an unpierced floor, either of fireproof construction or covered on the under side with fire-retarding material approved by the Fire Commissioner, may be occupied for a business deemed by the Fire Commissioner not to be hazardous.

Note—New matter in italics; old matter in brackets [ ], to be omitted.

ORIGINAL.  
AN ORDINANCE to amend subdivision 2, section 35, article 2, chapter 3, of the Code of Ordinances, relating to Fire Prevention in Motion Picture Exhibitions.

Be it ordained by the Board of Aldermen of The City of New York as follows:  
Subdivision 2 of section 36, article 2, chapter 3, of the Code of Ordinances, adopted by the Board of Aldermen, March 23, 1915, and approved by the Mayor, March 30, 1915, is hereby amended as follows:

2. Cellars. The basement or cellar under the auditorium shall be kept free and clear from all rubbish, waste and other inflammable materials, except (the) such space as is used for (the) heating apparatus or (for) machinery connected with the theatre and for coal; no business shall be conducted in the basement or cellar under the auditorium deemed extra hazardous in case of fire, unless fire-proofed in accordance with plans to be filed and approved with the Building and Fire Departments of the City of New York.

ANTHONY J. McNALLY, CHARLES P. COLE, ALEX. DUJAT, JOHN DIEMER, JOHN S. GAYNOR, JACOB BARTSCHERER, Committee on Buildings.

The President put the question whether the Board would agree to accept said report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler,



Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63. No. 713—Int. Nos. 1625 and 2059.

**Report of the Committee on Buildings in Favor of Adopting Ordinance Amending Chapter 5 of the Code Relating to Fire Limits in the Borough of Queens.**

The Committee on Buildings, to which was referred on April 6 and September 21, 1915 (Minutes, pages 76 and 271), the annexed ordinances in favor of amending chapter 5 of the Code of Ordinances relating to fire limits in the Borough of Queens, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed change to be advisable. A public hearing was held on this question at which no opposition developed.

It therefore recommends that the said ordinance be adopted, and that No. 1625 be placed on file.

AN ORDINANCE amending Chapter 5 of the Code of Ordinances, relative to fire limits.

*Be It Ordained by the Board of Aldermen of the City of New York, as follows:*  
Section 1. Paragraph a of subdivision 4, Section 90, Article 5, Chapter 5 of the Code of Ordinances of the City of New York is hereby amended to read as follows:

4. In the Borough of Queens. a. Beginning at a point in the bulkhead line of the East River at its intersection with the centre line of Winthrop ave., thence running southeasterly along the centre line of Winthrop ave., to a point one hundred feet southeast of the southeasterly side of Steinway ave., thence running southwesterly one hundred feet southeast of and parallel to the southeasterly side of Steinway ave., to a point one hundred feet north of the northerly side of Astoria ave., thence running easterly one hundred feet north of and parallel to the northerly side of Astoria ave. to the Old Bowery Bay Road, thence running southerly along the centre line of the Old Bowery Bay Road to Woodside ave., thence running southerly along the centre line of Woodside ave. to Middleburg ave., thence running westerly along the centre line of Dickson st. to a point one hundred feet south of the southerly side of Greenpoint ave., thence running westerly one hundred feet south of and parallel to the southerly side of Greenpoint ave. to Borden ave., thence running easterly along the centre line of Borden ave. to [a point one hundred feet east of the easterly side of Clifton ave., thence running southerly one hundred feet east of and parallel to the easterly side of Clifton ave.] *Laurel Hill boulevard, thence running southwesterly along the centre line of Laurel Hill boulevard to Meeker ave., thence running southerly along the centre line of Meeker ave. to Newtown Creek, thence along Newtown Creek to the East River, thence running northerly along the bulkhead line of the East River to the place of beginning.*

Section 2. This ordinance shall take effect immediately.

Note—New matter in *italics*; old matter in [ ] to be omitted.

ANTHONY J. McNALLY, CHARLES P. COLE, ALEX. DUJAT, JOHN DIEMER, JOHN S. GAYNOR, JACOB BARTSCHERER, Committee on Buildings.

The President put the question whether the Board would agree to accept said report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

At this point the President called the Vice-Chairman to the chair.

No. 714—Int. No. 2060.

**Report of the Committee on Buildings in Favor of Adopting Ordinance Relating to Safeguards Against Spread of Fire in The City of New York.**

The Committee on Buildings, to which was referred on September 21, 1915 (Minutes, page 271), the annexed ordinance relating to safeguards against spread of fire in The City of New York, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed ordinance to be constructed in such fashion as to properly regulate this subject, after its amendment in a few minor particulars, subsequent to a public hearing, at which some objections were recorded.

It therefore recommends that the accompanying substitute ordinance be adopted.

**SUBSTITUTE.**

AN ORDINANCE relating to safeguards against spread of fire in The City of New York.

*Be it Ordained by the Board of Aldermen of The City of New York as follows:*  
Section 1. Article 18 of chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

**ARTICLE 18.**

[Fire walls and shafts.

Section 370. Restriction upon area of stores, warehouses and factories.

371. Light and vent shafts.

372. Inclosure of elevator shafts.

373. Protection of shafts and hoistways.

374. Dumb-waiter shafts.

375. Fireproof shutters and doors.]

**Safeguards against spread of fire.**

Section 370. Definitions.

371. Fire walls.

372. Fire partitions.

373. Shafts.

374. Existing hoistways.

375. Protection of Exterior openings.

376. Protectives for openings.

§ 370. Definitions. For the purpose of this chapter,

a—a fire wall is any wall built for the purpose of restricting the area subject to the spread of fire;

b—a fire partition is a subdividing partition built for the purpose of protecting life by providing an area of refuge;

c—a shaft is an enclosed space extending through one or more stories of a building connecting a series of two or more openings in successive floors, or floors and roof;

d—an open shaft is one that extends through the roof of a building and is open to the outer air at the top;

e—a vent shaft is one used solely to ventilate or light, or both, one or more water-closet compartments or bathrooms;

f—an elevator shaft is one that encloses any device used for carrying persons or things upward or downward;

g—a dumbwaiter shaft is an elevator shaft which has a cross-sectional area at any point of nine square feet or less, and in which the device is used only for the carrying of things;

h—the term "self-closing," as applied to a fire door or other opening protective, means closing automatically after having been opened for use;

i—the term "automatic," as applied to a fire door or other opening protective, means normally held in an open position and automatically closing by the action of some releasing device.

§ 371. Fire walls. 1. Construction. Fire walls shall be constructed of approved masonry or reinforced concrete of the thicknesses prescribed by this chapter for the exterior walls of the building in which it is erected, but if hollow terra cotta blocks are used they shall be filled solidly with concrete. In non-fireproof buildings fire walls shall be continuous from the foundation to the roof and provided above the roof with a parapet wall, as specified in § 259 of this chapter.

2. Openings. No opening in a fire wall shall exceed eighty square feet in area, and the aggregate width of all openings at any level shall not exceed twenty-five per cent. of the length of the wall, except that in the first story of buildings equipped throughout with an approved system of automatic sprinklers larger openings and a greater percentage of wall length may be used by the special written permission of the superintendent of buildings, stating the reason for such allowance. Every opening in a fire wall shall be protected on each side of the wall with an approved automatic fire door. When any fire wall serves also as a fire partition it shall have no openings other than door openings not exceeding forty-eight square feet in area, and one of the automatic fire doors at each opening shall be replaced by a self-closing fire door.

§ 372. Fire partitions. 1. Construction. Fire partitions shall be constructed of the materials and in the manner herein specified, as follows:

a—approved masonry;

b—any form of fireproof partition, constructed as required in § 355 of this chapter, provided (1) that such partition is supported on each story on fireproof construction,

(2) that, unless otherwise approved after the three hours fire test herein provided, the thicknesses are not less than eight inches for brick, not less than six inches for stone or cinder concrete, or hollow blocks of terra cotta, concrete or gypsum, and not less than four inches for stone or cinder concrete if properly reinforced with steel,

(3) that, unless constructed of expanded metal or wire lath and cement mortar of a finished thickness of not less than two and one-half inches, metal lath construction shall not be used, and

(4) that all openings in partitions of hollow building blocks, gypsum or metal lath construction, shall be adequately reinforced with steel; or

c—any material and form of construction that may be approved by the Superintendent of Buildings as conforming to the requirements of the fire test prescribed in subdivision 3, § 355 of this chapter, provided, however, that for fire partitions the duration of such test shall be not less than three hours and that such partitions shall be supported at each story on fireproof construction.

2. In non-fireproof buildings. In non-fireproof buildings fire partitions, if required in any story, shall be continuous through all stories from the foundation to the roof, provided that if any of the floors of the building are of fireproof construction for their full extent and all stairways are enclosed in approved fireproof construction, fire partitions shall be required to be continuous only from one such fireproof floor to another or to the roof. Any such fire partition shall be deemed continuous, even though the several parts are not directly over one another in successive stories, if the intervening parts of the floors at the levels where offsets occur, are of fireproof construction and all parts not supported directly on the foundations are carried on fireproof construction. Fire partitions shall be carried at least three feet above any non-fireproof roof.

3. Openings. Fire partitions shall have no openings other than the required door openings. No such door opening shall exceed forty-eight square feet in area. If more than one door opening is required, the distance, measured along the line of the fire partition, between any door and the next one shall not be more than sixty feet. Every opening in a fire partition shall be protected by an approved self-closing fire door.

§ 373. Shafts. 1. When required. Unless otherwise specifically provided by any other law or ordinance, shafts as in this section described and specified shall be provided in all fireproof and non-fireproof buildings for every series of floor openings, except stairways, hereafter placed or constructed in any such building, whether for air, light, elevator or any other purpose, or hereafter altered so as to enlarge any of such openings or to change their use. The provisions of this section shall not, however, be taken to apply to ducts permitted by Article 19 of this chapter.

2. Open shafts. All open shafts hereafter placed in any building shall be constructed of approved masonry or reinforced concrete, and of the thicknesses required for exterior walls, provided that for shaft walls not exceeding ten feet in length the thickness may be reduced to not less than eight inches for the uppermost forty feet and four inches more for each lower section of forty feet.

3. Shafts exceeding nine square feet in area. Except as hereinafter provided in this section, all shafts hereafter erected in any building and having a cross-sectional area at any point within the enclosing walls of more than nine square feet, and all existing shafts hereafter enlarged so that the cross-sectional area at any point exceeds nine square feet shall be constructed in the manner and of the material and thicknesses prescribed in subdivision 1, § 372 of this article for fire partitions, or subdivision 2 of this section for open shafts.

4. Shafts not exceeding nine square feet in area. All shafts hereafter erected in any building and having a cross-sectional area at any point of nine square feet or less, except as hereafter provided in this section, shall be constructed of approved masonry, reinforced concrete, or any material or form of construction, not less than two inches thick, permitted under the provisions of § 355 of this chapter as permanent fireproof partitions, set in a steel frame of proper strength or suitably reinforced with metal dowels, or in such other manner as may be approved by the Superintendent of Buildings.

5. Elevator shafts in existing residence buildings. In existing residence buildings which have not more than fifteen sleeping rooms any elevator shaft hereafter erected, when the available space does not permit of the construction required by subdivision 3 of this section, may be constructed as required by subdivision 4 of this section.

6. Non-fireproof shafts. Vent shafts hereafter erected in non-fireproof residence buildings, when extending through not more than one story in height, carried not less than three feet above the roof and covered with a ventilating skylight of metal and glass, and dumbwaiter shafts hereafter erected that do not extend more than three stories above the cellar or basement in residence buildings occupied by not more than two families or having not more than fifteen sleeping rooms, may be built of wood filled in solidly with brick or other approved incombustible material, or covered on the inside with plaster on plaster board or metal lath, or with sheet metal not less than one-sixteenth of an inch in thickness, provided that the part of any such dumbwaiter shaft which extends into the cellar shall be enclosed in eight-inch brick walls.

7. Existing elevators. In every non-fireproof public building all elevators not already enclosed in fireproof shafts shall be enclosed in wall constructed and arranged as in this section required for elevator shafts.

8. Existing dumbwaiter shafts. Any existing dumbwaiter shaft which extends into the cellar or basement, except such as do not extend more than three stories above the cellar or basement in residence buildings, shall be enclosed in the cellar or basement with walls of brick eight inches thick or other fireproof construction approved by the superintendent of buildings, unless already enclosed in some form of construction conforming to the requirements of subdivision 4 of this section.

9. Openings. a. In open shafts having a cross-sectional area at any point of thirty-six square feet or less, hereafter erected or altered, all openings shall be protected with fire doors, fire shutters or fire windows.

b. In vent shafts, hereafter erected or altered, except non-fireproof vent shafts, all openings shall be provided with fire windows.

c. In elevator shafts hereafter erected or materially altered all door openings shall be protected by fire doors. No other openings shall be provided in such shafts, except window openings to the outer air.

d. In dumbwaiter shafts hereafter erected or altered, there shall be no openings other than door openings protected with self-closing fire doors.

e. All other shafts not provided for in this subdivision, hereafter erected or altered, shall have all openings protected with self-closing fire doors.

10. Enclosure at top. All shafts hereafter erected or altered to extend into the top story of any non-fireproof building shall be carried through, and not less than three feet above the roof. Every shaft extending above the roof, except open shafts, shall be enclosed at the top with a roof of fireproof construction and a metal skylight of at least three-fourths the area of the shaft in the top story, except that the skylight herein required may be replaced by a window of equivalent area in the side of the shaft provided the sill of such window is not less than three feet above the roof and the window does not face a property line within ten feet. Any shaft that does not extend into the top story of the building shall have the top enclosed with fireproof construction.

11. Enclosure at bottom. The bottom of every shaft, hereafter erected or altered, except vent shafts, shall be enclosed with fireproof construction.

12. Elevator machinery compartment. When any compartment which contains machinery for opening an elevator communicates with an elevator shaft it shall be enclosed with partitions of the same materials and construction as required for the shaft, and shall have fire doors on the openings.



13. Number of elevators restricted in shaft. Not more than two elevators shall be placed hereafter in any one shaft, and where there are only two elevators in any building they shall be placed in separate shafts.

§ 371. Light and vent shafts. In every building hereafter erected or altered, all the walls or partitions forming interior light or vent shafts shall be built of brick or such other fireproof materials as may be approved by the superintendent of buildings. The walls of all light or vent shafts, whether exterior or interior, hereafter erected, shall be carried up not less than 3 feet above the level of the roof, and the brick walls coped as other parapet walls. Vent shafts to light interior bathrooms in private dwellings may be built of wood filled in solidly with brick or hard-burnt clay blocks, when extending through not more than 1 story in height, and carried not less than 2 feet above the roof, covered with a ventilating skylight, of metal and glass.

§ 372. Inclosure of elevator shafts. 1. In new buildings. All elevators hereafter placed in any building, except such fireproof buildings as have been or may be hereafter erected, shall be inclosed in suitable walls of brick or with a suitable framework of iron and burnt-clay filling, or of such other fireproof material and form of construction as may be approved by the superintendent of buildings, except that the inclosure walls in non-fireproof buildings over 5 stories high, used as warehouses or factories shall be of brick. If the inclosure walls are of brick, laid in cement mortar, and not used as bearing walls, they may be 8 inches in thickness for not more than 50 feet of their uppermost height, and increasing in thickness 4 inches for each lower 50 feet portion or part thereof. Said walls or construction shall extend through and at least 3 feet above the roof. All openings in the said walls shall be provided with fireproof shutters or fireproof doors, made solid for 3 feet above the floor level, except that the doors used for openings in buildings intended for the occupancy of one family may be of wood covered on the inner surface and edges with metal, not including the openings in the cellar, nor above the roof in any such shaft walls. The roofs over all inclosed elevators shall be made of fireproof materials, with a skylight at least three-fourths the area of the shaft, made of glass set in iron frames. When the shaft does not extend to the ground the lower end shall be inclosed in fireproof material.

2. In existing hotels. In every non-fireproof building used or occupied as a hotel, in which there is an elevator not inclosed in fireproof shafts, such elevator shall be inclosed in suitable walls, constructed and arranged as required in this chapter for elevator shafts.

3. Open grill-work inclosures. Open grillwork inclosures for passenger elevators, not extending below the level of the first floor, may be erected in staircase inclosures in buildings where the entire space occupied by the stairs and elevators is inclosed in brick or stone walls, and the stairs are constructed as specified in § 440 of this chapter.

§ 373. 374. [Protection of shafts and] Existing hoistways. 1. Gates and trap-doors. In any existing building in which there shall be any hoistway, [or freight] elevator or wellhole not already inclosed in walls constructed of brick or other fireproof material and provided with fireproof doors, the openings thereof through and upon each floor of said building shall be provided with and protected by [a] substantial guards or gates and with such good and sufficient trap-doors as may be directed and approved by the superintendent of buildings. [such guards or gates shall be kept closed at all times, except when in actual use, and the trap-doors shall be closed at the close of the business of each day by the occupant or occupants of the building having the use or control of the same. 2. Freight elevators.] When, in the opinion of the superintendent of buildings, automatic trap-doors are required to the floor openings of any uninclosed [freight] elevator, the same shall be constructed so as to form a substantial floor surface when closed, and so arranged as to open and close by the action of the elevator in its passage either ascending or descending.

[3] 2. Enforcement of section. Except as otherwise provided by law or ordinance, the [Each] superintendent of buildings [within his jurisdiction] shall have [exclusive] power and authority to require the openings of hoistways, [or hoistway shafts] elevators and wellholes in buildings to be enclosed or secured by trap-doors, guards or gates and railings.

3. Guards, gates and trap-doors to be closed when not in use. All guards or gates required by this section shall be kept closed at all times, except when in actual use, and the trap-doors shall be closed at the close of the business of each day, by the occupant or occupants of the building having the use or control of the same.

§ 374. Dumbwaiter shafts. All dumbwaiter shafts hereafter created in any building, except such as do not extend more than three stories above the cellar or basement in dwelling houses, shall be enclosed in suitable walls of brick or with burnt-clay blocks, set in iron frames of proper strength, or fireproof blocks strengthened with metal dowels, or such other fireproof material and form of construction as may be approved by the superintendent of buildings. Said walls or construction shall extend at least 3 feet above the roof and be covered with a skylight at least three-fourths the area of the shaft, made with metal frames and glazed. All openings in the inclosure walls or construction shall be provided with self-closing fireproof doors. When the shaft does not extend to the floor level of the lowest story, the bottom of the shaft shall be constructed of fireproof materials. In buildings erected prior to the passage of this ordinance any existing dumbwaiter shaft which extends into the cellar or lowest story, except such as do not extend more than three stories above the cellar or basement in dwelling houses, shall be enclosed in the cellar or lowest story with walls of brick 8 inches thick, unless already enclosed in some form of construction conforming to the requirements hereinbefore prescribed for new dumbwaiter shafts. All openings in said walls shall be provided with self-closing fireproof doors.

§ 375. Protection of exterior openings. 1. When required. Every window or other opening above the first story in the exterior walls of every fireproof and non-fireproof business building, more than forty feet in height, shall, except as may be otherwise specifically provided in this chapter or by any other law or ordinance, be protected by a fire door, fire window, fire shutter, open sprinkler or other approved protective when such opening is distant in a direct line less than thirty feet from any opening in any other building and not in the same plane with said opening, or when said opening is not more than fifty feet above a neighboring roof.

2. Fire shutters to be readily opened. When fire shutters are used in exterior openings at least one row in every three vertical rows of shutters on front window openings shall be arranged to be readily opened from the outside. Distinguishing marks, satisfactory to the fire commissioner, shall be provided on these shutters.

3. Openings to fire escapes. When fire doors or fire shutters are used on exterior openings leading to fire escapes or exterior exits of any kind they shall be so arranged as not to obstruct such fire escape or exit.

4. Vertical separation of windows. In fireproof and non-fireproof business buildings hereafter erected, over forty feet in height, exterior openings above the second story that are located vertically above one another and that do not require any protective under this section, shall have not less than three feet of solid masonry between the top of one opening and the bottom of the one next above, and no such opening shall be arranged to open within one foot of the ceiling of the story in which it is located, provided, however, that part of such masonry between openings may be replaced by wire glass in fixed metal sash and frame.

5. Closing protectives. All fire doors, fire shutters and fire windows on exterior openings, unless provided with approved automatic closing devices operative from either side, shall be closed when not required to be open, and at the close of business each day by the occupant or occupants of the building having the use or control of them.

§ 376. Protectives for openings. 1. Construction. All opening protectives required or permitted under this chapter shall be constructed as prescribed in such rules, consistent with the provisions of this chapter, as may be promulgated by the superintendent of buildings, or, in the absence of such rules, as specified in the standard requirements of the National Board of Fire Underwriters; or they may be constructed in any manner and of any material that will comply with the fire test hereinafter prescribed.

2. Fire test. In testing the fireproof qualities of any opening protective a complete sample of the device of the maximum size to be approved, constructed and installed in every respect as in actual service, shall be subjected to a fire on one side, continuous for not less than one hour, at a temperature, in the case of fire doors and fire shutters increasing gradually from that of the outer air to eighteen hundred degrees Fahrenheit within the first half-hour and to two thousand degrees Fahrenheit during the second half-hour, and, in the case of fire windows, increasing gradually from that of the outer air to fifteen hundred degrees Fahrenheit within the hour, without permitting the passage of flame or the transmission of heat to a dangerous extent.

3. Use of wire glass. When wire glass is required or permitted by this chapter or the rules authorized thereunder, for fire doors, fire shutters or fire windows, the panes shall not exceed seven hundred and twenty square inches in area, and shall not be less than one-quarter inch in thickness, and shall be set not less than five-eighths of an inch in the frame. When the use of glass is permitted in any fire door or fire shutter only wire glass shall be used. For the glazing of fire window only wire glass shall be used.

§ 375. Fireproof shutters and doors. 1. Building requiring. Every building which is more than 2 stories in height above the curb level, except dwelling houses, hotels, school houses and churches, shall have doors, blinds or shutters made of iron, hung to iron hanging frames or to iron eyes built into the wall, on every exterior window and opening above the first story thereof, excepting on the front openings of buildings fronting on streets which are more than 30 feet in width or where no other buildings are within 30 feet of such openings.

2. Construction. The said doors, blinds or shutters may be constructed of pine or other soft wood of two thicknesses of matched boards at right angles with each other, and securely covered with tin on both sides and edges, with folded lapped joints, the nails for fastening the same being driven inside the lap; the hinges and bolts or latches shall be secured or fastened to the door or shutter after the same has been covered with tin, and such doors or shutters shall be hung upon an iron frame independent of the woodwork of the windows and doors, or 2 iron hinges securely fastened in the masonry; or such frames, if of wood, shall be covered with tin in the same manner as the doors and shutters.

3. Shutters opening on fire escapes. All shutters opening on fire escapes, and at least 1 row, vertically, in every 3 rows on the front window openings above the first story of any building, shall be so arranged that they can be readily opened from the outside by firemen.

4. Rolling shutters. All rolling iron or steel shutters hereafter placed in the first story of any building shall be counterbalanced so that said rolling shutters may be readily opened by the firemen.

5. Inside shutters of metal. No building hereafter erected other than a dwelling house or fireproof building shall have inside iron or steel shutters to windows above the first story.

6. Exemption. All windows and openings above the first story of any building may be provided with other suitable protection, or may be exempted from having shutters by the superintendent of buildings or the board of examiners, as the case may be.

7. Fireproof doors. All buildings specified in this section hereafter erected or altered having openings in interior walls shall be provided with suitable fireproof doors where deemed necessary by the superintendent of buildings.

8. Closing shutters and doors. All occupants of buildings shall close all exterior and interior fireproof shutters, doors and blinds at the close of the business of each day.

Section 2. Sub-division 2 of § 447 of Article 21 of Chapter 5 of the Code of Ordinances of The City of New York is hereby repealed.

Section 3. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

ORIGINAL.

AN ORDINANCE relating to safeguards against spread of fire in the City of New York.

Be it Ordained by the Board of Aldermen of The City of New York, as follows: Section 1. Article 18 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

ARTICLE 18.

[Fire walls and shafts.

Section 370. Restriction upon area of stores, warehouses and factories.

371. Light and vent shafts.

372. Inclosure of elevator shafts.

373. Protection of shafts and hoistways.

374. Dumbwaiter shafts.

375. Fireproof shutters and doors.]

Safeguards against spread of fire.

Section 370. Definitions.

371. Fire walls.

372. Fire partitions.

373. Shafts.

374. Existing hoistways.

375. Protection of exterior openings.

376. Opening protectives.

§ 370. Definitions For the purposes of this chapter,

a—a fire wall is any wall built for the purpose of restricting the area subject to the spread of fire;

b—a fire partition is a subdividing partition built for the purpose of protecting life by providing an area of refuge;

c—a shaft is an inclosed space extending through one or more stories of a building connecting a series of two or more openings in successive floors, or floors and roof;

d—an open shaft is one that extends through the roof of a building and is open to the outer air at the top;

e—a vent shaft is one used solely to ventilate or light, or both, one or more water-closet compartments or bathrooms;

f—an elevator shaft is one that encloses any device used for carrying persons or things upward or downward;

g—a dumbwaiter shaft is an elevator shaft which has a cross-sectional area at any point of nine square feet or less, and in which the device is used only for the carrying of things;

h—the term "self-closing," as applied to a fire door or other opening protective, means closing automatically after having been opened for use;

i—the term "automatic," as applied to a fire door or other opening protective, means normally held in an open position and automatically closing by the action of some approved releasing device.

§ 371. Fire walls. 1. Construction. Fire walls shall be constructed of any form of approved masonry or reinforced concrete permitted by this chapter for the exterior walls of the building in which it is erected. The thickness shall not be less than that required for the exterior walls. In non-fireproof buildings fire walls shall be continuous from the foundation to the roof and provided above the roof with a parapet wall as specified in § 259 of this chapter.

2. Openings. No opening in a fire wall shall exceed eighty square feet in area, and the aggregate width of all openings at any level shall not exceed twenty-five per cent. of the length of the wall, except that in the first story of buildings equipped throughout with an approved system of automatic sprinklers, larger openings and a greater percentage of wall length may be used by the special written permission of the superintendent of buildings stating the reason for such allowance. Every opening in a fire wall shall be protected on each side of the wall with an approved automatic fire door. When any fire wall serves also as a fire division partition it shall have no openings other than door openings not exceeding forty-eight square feet in area, and one of the automatic fire doors at each opening shall be replaced by a self-closing fire door.

§ 372. Fire Partitions. 1. Construction. Fire partitions shall be constructed of the materials and in the manner herein specified, as follows:

a—approved masonry;

b—any form of fireproof partition, constructed as required in § 355 of this chapter, provided, (1) that such partition is supported on each story on fireproof construction, (2) that, unless otherwise approved after the three hours' fire test herein provided, the thicknesses are not less than eight inches for brick, not less than six inches for stone or cinder concrete, or hollow blocks of terra cotta, concrete or gypsum, and not less than four inches for stone or cinder concrete if properly reinforced with steel, (3) that, unless constructed of expanded metal or wire lath and cement mortar of a finished thickness of not less than two and one-half inches, metal lath construction shall not be used, and (4) that all openings in partitions of hollow building blocks, gypsum or metal lath construction, shall be adequately reinforced with steel; or

c—any material and form of construction that may be approved by the superintendent of buildings as conforming to the requirements of the fire test prescribed in subdivision 3, § 355 of this chapter, provided, however, that for fire partitions the



duration of such test shall be not less than three hours and that such partitions shall be supported at each story on fireproof construction.

2. In non-fireproof buildings. In non-fireproof buildings fire partitions, if required in any story, shall be continuous through all stories from the foundation to the roof, provided that if any of the floors of the building are of fireproof construction, fire partitions shall be required to be continuous only from one such fireproof floor to another or to the roof. Any such fire partition shall be deemed continuous, even though the several parts are not directly over one another in successive stories, if the intervening floors at the levels where offsets occur, are of fireproof construction and all parts not supported directly on the foundations are carried on fireproof construction. Fire partitions shall be carried at least three feet above any non-fireproof roof.

3. Openings. Fire partitions shall have no openings other than the required door openings. No such door opening shall exceed forty-eight square feet in area. If more than one door opening is required, the distance, measured along the line of the fire partition, between any door and the next one shall not be more than sixty feet. Every opening in a fire partition shall be protected by an approved self-closing fire door.

§ 373. Shafts. 1. When required. Unless otherwise specifically provided by any other law or ordinance, shafts as in this section described and specified shall be provided in all fireproof and non-fireproof buildings for every series of floor openings, except stairways, hereafter placed or constructed in any such building, whether for air, light, elevator or any other purpose, or hereafter altered so as to enlarge any of such openings or to change their use. The provisions of this section shall not, however, be taken to apply to ducts permitted by Article 19 of this chapter.

2. Open shafts. All open shafts hereafter placed in any building shall be constructed of approved masonry or reinforced concrete, and of the thicknesses required for exterior walls, provided that for shaft walls not exceeding ten feet in length the thickness may be reduced to not less than eight inches for the uppermost forty feet and four inches more for each lower section of forty feet.

3. Shafts exceeding nine square feet in area. Except as hereinafter provided in this section, all shafts hereafter erected in any building and having a cross-sectional area at any point within the enclosing walls of more than nine square feet, and all existing shafts hereafter enlarged so that the cross-sectional area at any point exceeds nine square feet shall be constructed in the manner and of the materials and thicknesses prescribed in subdivision 1. § 372 of this article for fire partitions, or subdivision 2 of this section for open shafts.

4. Shafts not exceeding nine square feet in area. All shafts hereafter erected in any building and having a cross-sectional area at any point of nine square feet or less, except as hereafter provided in this section, shall be constructed of approved masonry, reinforced concrete, or any material or form of construction, not less than two inches thick, permitted under the provisions of § 355 of this chapter as permanent fireproof partitions, set in a steel frame of proper strength or suitably reinforced with metal dowels, or in such other manner as may be approved by the superintendent of buildings.

5. Elevator shafts in existing residence buildings. In existing residence buildings which have not more than fifteen sleeping rooms any elevator shaft hereafter erected, when the available space does not permit of the construction required by subdivision 3 of this section, may be constructed as required by subdivision 4 of this section.

6. Non-fireproof shafts. Vent shafts hereafter erected in non-fireproof residence buildings, when extending through not more than one story in height, carried not less than three feet above the roof and covered with a ventilating skylight of metal and glass, and dumb-waiter shafts hereafter erected that do not extend more than three stories above the cellar or basement in residence buildings occupied by not more than two families or having not more than fifteen sleeping rooms, may be built of wood filled in solidly with brick or other approved incombustible material, or covered on the inside with plaster on plaster board or metal lath, or with sheet metal not less than one-sixteenth of an inch in thickness, provided that the part of any such dumbwaiter shaft which extends into the cellar shall be enclosed in eight-inch brick walls.

7. Existing elevators. In every non-fireproof public building all elevators not already enclosed in fireproof shafts shall be enclosed in walls constructed and arranged as in this section required for elevator shafts.

8. Existing dumbwaiter shafts. Any existing dumbwaiter shaft which extends into the cellar or basement, except such as do not extend more than three stories above the cellar or basement in residence buildings, shall be enclosed in the cellar or basement with walls or brick eight inches thick or other fireproof construction approved by the superintendent of buildings, unless already enclosed in some form of construction conforming to the requirements of subdivision 4 of this section.

9. Openings. a. In open shafts having a cross-sectional area at any point of thirty-six square feet or less, hereafter erected or altered, all openings shall be protected with fire doors, fire shutters or fire windows.

b. In vent shafts, hereafter erected or altered, except non-fireproof vent shafts, all openings shall be provided with fire windows.

c. In elevator shafts hereafter erected or altered, all door openings shall be protected by self-closing fire doors. No other openings shall be provided in such shafts, except window openings to the outer air.

d. In dumbwaiter shafts hereafter erected or altered, there shall be no openings other than door openings protected with self-closing fire doors.

e. All other shafts not provided for in this subdivision, hereafter erected or altered, shall have all openings protected with self-closing fire doors.

10. Enclosure at top. All shafts hereafter erected or altered to extend into the top story of any non-fireproof building shall be carried through and not less than three feet above the roof, of the same materials and construction as required for the shaft within the building. Every shaft extending above the roof, except open shafts, shall be enclosed at the top with a roof of fireproof construction and a metal skylight of at least three-fourths the area of the shaft in the top story, except that the skylight herein required may be replaced by a window of equivalent area in the side of the shaft provided the sill of such window is not less than three feet above the roof and the window does not face a property line within ten feet. Any shaft that does not extend into the top story of the building shall have the top enclosed with fireproof construction.

11. Enclosure at bottom. The bottom of every shaft, hereafter erected or altered, except vent shafts, shall be enclosed with fireproof construction.

12. Elevator machinery compartment. When any compartment which contains machinery for operating an elevator communicates with an elevator shaft it shall be enclosed with partitions of the same materials and construction as required for the shaft, and shall have fire doors on the openings.

13. Number of elevators restricted in shaft. Not more than two elevators shall be placed hereafter in any one shaft, and where there are only two elevators in any building they shall be placed in separate shafts.

§ 371. Light and vent shafts. In every building hereafter erected or altered, all the walls or partitions forming interior light or vent shafts shall be built of brick or such other fireproof materials as may be approved by the superintendent of buildings. The walls of all light or vent shafts, whether exterior or interior, hereafter erected, shall be carried up not less than 3 feet above the level of the roof, and the brick walls coped as other parapet walls. Vent shafts to light interior bathrooms in private dwellings may be built of wood filled in solidly with brick or hard-burnt clay blocks, when extending through not more than 1 story in height, and carried not less than 2 feet above the roof, covered with a ventilating skylight, of metal and glass.

§ 372. Inclosure of elevator shaft. 1. In new buildings. All elevators hereafter placed in any building, except such fireproof buildings as have been or may be hereafter erected, shall be inclosed in suitable walls of brick or with a suitable framework of iron and burnt-clay filling, or of such other fireproof material and form of construction as may be approved by the superintendent of buildings except that the inclosure walls in non-fireproof buildings over 5 stories high, used as warehouses or factories shall be of brick. If the inclosure walls are of brick, laid in cement mortar, and not used as bearing walls, they may be 8 inches in thickness for not more than 50 feet of their uppermost height, and increasing in thickness 4 inches for each lower 50 feet portion or part thereof. Said walls or construction shall extend through and at least 3 feet above the roof. All openings in the said walls shall be provided with fireproof shutters or fireproof doors, made solid for 3 feet above the floor level, except that the doors used for openings in buildings intended for the occupancy of one family may be of wood covered on the inner surface and edges with metal,

not including the openings in the cellar, nor above the roof in any such shaft walls. The roofs over all inclosed elevators shall be made of fireproof materials, with a skylight at least three-fourths the area of the shaft made of glass set in iron frames. When the shaft does not extend to the ground the lower end shall be inclosed in fireproof material.

2. In existing hotels. In every non-fireproof building used or occupied as a hotel, in which there is an elevator not inclosed in fireproof shafts, such elevator shall be inclosed in suitable walls, constructed and arranged as required in this chapter for elevator shafts.

3. Open grill-work inclosures. Open grillwork inclosures for passenger elevators, not extending below the level of the first floor, may be erected in staircase inclosures in buildings where the entire space occupied by the stairs and elevators is inclosed in brick or stone walls, and the stairs are constructed as specified in § 440 of this chapter.]

§ [373] 374. [Protection of shafts and] Existing hoistways. 1. Gates and trap-doors. In any existing building in which there shall be any hoistway, [or freight] elevator or wellhole not already inclosed in walls constructed of brick or other fireproof material and provided with fireproof doors, the openings thereof through and upon each floor of said building, shall be provided with and protected by [a] substantial guards or gates and with such good and sufficient trap-doors as may be directed and approved by the superintendent of buildings. [Such guards or gates shall be kept closed at all times, except when in actual use, and the trap-doors shall be closed at the close of the business of each day by the occupant or occupants of the building having the use or control of the same.] 2. Freight elevators. When, in the opinion of the superintendent of buildings, automatic trap-doors are required to the floor openings of any uninclosed [freight] elevator, the same shall be constructed so as to form a substantial floor surface when closed, and so arranged as to open and close by the action of the elevator in its passage either ascending or descending.

[3] 2. Enforcement of section. Except as otherwise provided by law or ordinance, the [Each] superintendent of buildings [within his jurisdiction] shall have [exclusive] power and authority to require the openings of hoistways, [or hoistway shafts] elevators and well holes in buildings to be enclosed or secured by trapdoors, guards or gates and railings.

3. Guards, gates and trap-doors to be closed when not in use. All guards or gates required by this section shall be kept closed at all times, except when in actual use, and the trap-doors shall be closed at the close of the business of each day, by the occupant or occupants of the building having the use or control of the same.

§ 374. Dumbwaiter shafts. All dumbwaiter shafts hereafter created in any building, except such as do not extend more than three stories above the cellar or basement in dwelling houses, shall be enclosed in suitable walls of brick or with burnt-clay blocks, set in iron frames of proper strength, or fireproof blocks strengthened with metal dowels, or such other fireproof material and form of construction as may be approved by the superintendent of buildings. Said walls or construction shall extend at least 3 feet above the roof and be covered with a skylight at least three-fourths the area of the shaft, made with metal frames and glazed. All openings in the inclosure walls or construction shall be provided with self-closing fireproof doors. When the shaft does not extend to the floor level of the lowest story, the bottom of the shaft shall be constructed of fireproof materials. In buildings erected prior to the passage of this ordinance any existing dumbwaiter shaft which extends into the cellar or lowest story, except such as do not extend more than three stories above the cellar or basement in dwelling houses, shall be enclosed in the cellar or lowest story with walls of brick 8 inches thick, unless already enclosed in some form of construction conforming to the requirements hereinbefore prescribed for new dumbwaiter shafts. All openings in said walls shall be provided with self-closing fireproof doors.]

§ 375. Protection of exterior openings. 1. When required. In addition to the protection of openings required elsewhere in this chapter, or by any other law or ordinance, fire doors, fire windows, fire shutters, open sprinklers or other approved protectives, shall be provided on every window or other opening above the first story in the exterior walls of every fireproof and non-fireproof business building, more than forty feet in height, except openings distant in a direct line more than thirty feet from any other exterior opening not in the same vertical plane, or more than fifty feet above a neighboring roof.

2. Fire shutters to be readily opened. When fire shutters are used in exterior openings at least one row in every three vertical rows of shutters on front window openings shall be arranged to be readily opened from the outside. Distinguishing marks, satisfactory to the Fire Commissioner, shall be provided on these shutters.

3. Openings to fire escapes. When fire doors or fire shutters are used on exterior openings leading to fire escapes or exterior exits of any kind they shall be self-closing and so arranged as not to obstruct such fire escape or exit.

4. Vertical separation of windows. In fireproof and non-fireproof business buildings over forty feet in height, exterior openings that are located vertically above one another and that do not require any protectives under this section, shall have not less than three feet of solid masonry between the top of one opening and the bottom of the one next above, and no such opening shall be arranged to open within one foot of the ceiling of the story in which it is located, provided, however, that part of such masonry between openings may be replaced by wire glass in fixed metal sash and frame.

5. Closing protectives. All fire doors, fire shutters and fire windows on exterior openings, unless provided with approved automatic closing devices operative from either side, shall be closed when not required to be open, and at the close of business each day by the occupant or occupants of the building having the use or control of them.

§ 376. Opening protectives. 1. Construction. All opening protectives required or permitted under this chapter shall be constructed as prescribed in such rules, consistent with the provisions of this chapter, as may be promulgated by the superintendents of buildings, or, in the absence of such rules, as specified in the standard requirements of the National Board of Fire Underwriters; or they may be constructed in any manner and of any material that will comply with the fire test hereinafter prescribed.

2. Fire test. In testing the fireproof qualities of any opening protective a complete sample of the device of the maximum size to be approved, constructed and installed in every respect as in actual service, shall be subjected to a fire on one side, continuous for not less than one hour, at a temperature, in the case of fire doors and fire shutters increasing gradually from that of the outer air to eighteen hundred degrees Fahrenheit within the first half hour and to two thousand degrees Fahrenheit during the second half hour, and in the case of fire windows, increasing gradually from that of the outer air to fifteen hundred degrees Fahrenheit within the hour, without permitting the passage of flame or the transmission of heat to a dangerous extent.

3. Use of wire glass. When wire glass is required or permitted by this chapter or the rules authorized thereunder, for fire doors, fire shutters or fire windows, the panes shall not exceed seven hundred and twenty square inches in area, and shall not be less than one-quarter inch in thickness, and shall be set not less than five-eighths of an inch in the frame. When the use of glass is permitted in any fire door or fire shutter only wire glass shall be used. For the glazing of fire windows only wire glass shall be used.

§ 375. Fireproof shutters and doors. 1. Buildings requiring every building which is more than 2 stories in height above the level, except dwelling houses, hotels, school houses and churches, shall have doors, blinds or shutters made of iron, hung to iron hanging frames or to iron eyes built into the wall, on every exterior window and opening above the first story thereof, excepting on the front openings of buildings fronting on streets which are more than 30 feet in width or where no other buildings are within 30 feet of such openings.

2. Construction. The said doors, blinds or shutters may be constructed of pine or other soft wood of two thicknesses of matched boards at right angles with each other, and securely covered with tin on both sides and edges, with folded lapped joints, the nails for fastening the same being driven inside the lap; the hinges and bolts or latches shall be secured or fastened to the door or shutter after the same has been covered with the tin, and such doors or shutters shall be hung upon an iron frame independent of the woodwork of the windows and doors, or 2 iron hinges securely fastened in the masonry; or such frames, if of wood, shall be covered with tin in the same manner as the doors and shutters.

3. Shutters opening on fire-escapes. All shutters opening on fire-escapes, and at least 1 row, vertically, in every 3 rows on the front window openings above the first



story of any building shall be so arranged that they can be readily opened from the outside by firemen.

4. Rolling shutters. All rolling iron or steel shutters hereafter placed in the first story of any building shall be counterbalanced so that said rolling shutters may be readily opened by the firemen.

5. Inside shutters of metal. No buildings hereafter erected other than a dwelling house or fireproof building shall have inside iron or steel shutters to windows above the first story.

6. Exemption. All windows and openings above the first story of any building may be provided with other suitable protection, or may be exempted from having shutters by the superintendent of buildings or the board of examiners, as the case may be.

7. Fireproof doors. All buildings specified in this section hereafter erected or altered having openings in interior walls shall be provided with suitable fireproof doors where deemed necessary by the superintendent of buildings.

8. Closing shutters and doors. All occupants of buildings shall close all exterior and interior fireproof shutters, doors and blinds at the close of the business of each day.]

Section 2. Subdivision 2 of § 447 of Article 21 of Chapter 5 of the Code of Ordinances of the City of New York is hereby repealed.

Section 3. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

Note—New matter in *italics*; old matter in [ ] to be omitted.

ANTHONY J. McNALLY, JOHN DIEMER, JOHN KOCHENDORFER, JACOB BARTSCHERER, CHARLES P. COLE, JESSE D. MOORE, ALEX. DULANT, Committee on Buildings.

Which, on motion of Alderman Dowling, was again laid over for two weeks.

No. 715. Int. No. 2061.

**Report of the Committee on Buildings in Favor of Adopting Ordinance Relative to Roofing and Roof Structures in The City of New York.**

The Committee on Buildings, to which was referred on September 21, 1915 (Minutes, page 277), the annexed ordinance relating to roofing and roof structures in The City of New York, respectfully

**REPORTS:**

That it held a public hearing on this subject at which some changes in terms were suggested. It has amended the ordinance in such a manner as to meet the objections raised at said hearing in a fair and equitable manner, and it now recommends that the accompanying substitute ordinance be adopted.

**SUBSTITUTE.**

AN ORDINANCE relating to roofing and roof structures in The City of New York. *Be it Ordained, by the Board of Aldermen of The City of New York, as follows:*

Section 1. Article 20 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

**ARTICLE 20.**

[Construction above roof.

- Section 420. Mansard roofs.  
421. Roofing and leaders.  
422. Cornices and gutters.  
423. Bulkheads and scuttles.  
424. Staging or stands on roofs.  
425. Sky-lights.  
426. Tanks.]

*Roofing and roof structures.*

- Section 420. General.  
421. Roofing.  
422. Cornices and gutters.  
423. Leaders.  
424. Sky-lights.  
425. Scuttles.  
426. Roof houses.  
427. Slanting roofs.  
428. Tanks.  
429. Cooling towers.

Section 420. General. Except when otherwise specifically provided for in this chapter, all construction, other than water tanks, hereafter placed above the roof of any part of any building within the fire limits or of any building more than forty feet in height outside the fire limits, shall be of incombustible materials.

Section 421. Roofing. 1. Materials. Except as otherwise in this chapter specifically provided, every roof hereafter placed on any building or part thereof, shall be covered with an approved roofing of brick, concrete, tile, slate, metal, asbestos, slag, gravel, or other approved incombustible material.

2. Planking. When wood planking or sheathing is permitted in roof construction, it shall not, in any case, extend across any side or party walls.

3. Repairs. No roofing on any existing roof shall be renewed or repaired, except in conformity with the requirements of this section, provided, however, that when the renewal or necessary repairs do not constitute more than one-fourth of the roofing in any one roof surface, the new work may be made to conform to the existing roofing.

Section 422. Cornices and gutters. 1. Construction. All cornices inclusive of those on show windows, and gutters, hereafter placed on the exterior of any building, except buildings that are permitted to be of frame construction, shall be of incombustible materials. When constructed of sheet metal they shall be riveted in the seams at intervals of not more than five inches. Cornices shall be secured to the walls with metal framing or anchors, spaced not more than four feet apart, and extending not less than four inches into the wall at top and bottom.

2. Repairs. All cornices or gutters that may now be or that may hereafter become unsafe shall be taken down, and if replaced, shall be constructed to conform to the requirements for new cornices, except that when any such cornice or gutter is not damaged to a greater extent than one-half, it may be repaired with the same material as originally constructed.

[Section 420. Mansard roofs. If mansard or other roof of like character having a pitch of over 60 degrees be placed on any building, except a wood building, or a dwelling house not exceeding 3 stories nor more than 40 feet in height, it shall be constructed of iron rafters and lathed with iron or steel on the inside and plastered, or filled in with fireproof material not less than 3 inches thick and covered with metal, slate or tile.

Section 421. Roofing and leaders. 1. Roofing. The planking and sheathing of the roofs of buildings shall not in any case be extended across the side or party wall thereof. Every building and the tops and sides of every dormer window thereon shall be covered and roofed with brick, tile, slate, tin, copper, iron; or plastic slate, asphalt, slag, or gravel may be used, provided such roofing shall be composed of not less than 5 layers of roofing felt, cemented together and finished with not less than 10 gallons of coal tar, pitch or asphalt to each 100 square feet of roof, or such other quality of fireproof roofing as the Superintendent of Buildings, under his certificate, may authorize, and the outside of the frames of every dormer window hereafter placed upon any building shall be made of some fireproof material. No wood building within the fire limits more than two storeys or above 20 feet in height above the curb level to the highest part thereof, which shall require roofing, shall be roofed with any other roofing or covered except as aforesaid. Nothing in this section shall be construed to prohibit the repairing of any shingle roof, provided the building is not altered in height.]

Section 423. [2.] Leaders. All buildings shall be [kept] provided with proper [metallic] leaders for conducting water from the roofs [in such manner as shall protect the walls and foundations of said buildings from injury]. In no case shall the water from leaders be allowed to flow upon the sidewalk, but [the same] it shall be conducted by pipe or pipes to [a] the sewer. If there be no sewer in the street [upon which such buildings front], then the water from [said] the leader shall be conducted by proper pipe or pipes, below the surface [of the sidewalk] to a street gutter, or to a cesspool.

[Section 422. Cornices and gutters. On all buildings hereafter erected within the fire limits, the exterior cornices, inclusive of those on show windows, and gutters shall be of some fireproof material. All fireproof cornices shall be well secured to the walls with iron anchors, independent of any woodwork. In all cases the walls shall be carried up to the planking of the roof. Where the cornice projects above the roof the walls shall be carried up to the top of the cornice. The party walls

shall in all cases extend up above the planking of the cornice and be coped. All exterior wooden cornices that may now be or that may hereafter become unsafe or rotten shall be taken down, and if replaced, shall be constructed of some fireproof material. All exterior cornices of wood or gutters that may hereafter be damaged by fire to the extent of one-half shall be taken down, and if replaced shall be constructed of some fireproof material; but if not damaged to the extent of one-half, the same may be repaired with the same kind of material of which they were originally constructed.

Section 423. Bulkheads and scuttles. Bulkheads used as inclosures for tanks and elevators, and coverings for the machinery of elevators and all other bulkheads, including the bulkheads of all dwelling houses more than 4 stories in height hereafter erected or altered may be constructed of hollow fireproof blocks; or of wood covered with not less than 2 inches of fireproof material, or filled in the thickness of the studding with such material, and covered on all outside surfaces with metal, including both surfaces and edges of doors. All such buildings shall have scuttles or bulkheads covered with some fireproof materials, with ladders or stairs leading thereto, and easily accessible to all occupants. No scuttle shall be less in size than 2 by 3 feet.

Section 424. Staging or stands on roofs. No staging or stand shall be constructed or occupied upon the roof of any building without first obtaining the approval of the superintendent of buildings.]

Section [425] 424. Skylights. 1. Construction. All skylights [having a superficial area of more than nine square feet] hereafter placed in any building, shall have the sashes and frames thereof constructed of [iron and glass] metal. [Every fireproof roof hereafter placed on any building shall have, besides the usual scuttle or bulkhead, a skylight or skylights of a superficial area equal to not less than 1-15 the superficial area of such fireproof roof. Skylights hereafter placed in public buildings, over any passageway or room of public resort, shall have immediately underneath the glass thereof a wire netting, unless the glass contains a wire netting within itself] except that skylights in foundries or buildings where acid fumes are present as an incident to the occupancy of the building may be of wood in the discretion of the superintendent of buildings. The frames and other parts of metal skylights shall be riveted or otherwise securely fastened, in addition to soldering, and shall be securely anchored to the supporting structure.

2. Glazing. Skylights placed over shafts of any kind shall be glazed with plain glass not less than three-sixteenths of an inch in thickness. No pane of glass in any such skylights hereafter placed in any building shall exceed seven hundred and twenty square inches in area.

3. Protection. Every skylight in which plain glass is used shall be protected by a wire screen placed not less than four inches nor more than ten inches above the glazed portion of the skylight at all points. Such screen shall be not lighter than No. 12 U. S. gauge, shall have a mesh of not less than three-fourths of an inch nor more than one inch, and shall extend beyond the glazing on all sides a distance not less than the height of the screen above the glazing. When any such skylight is located over any passageway or any room of public resort a similar screen shall also be placed below the skylight.

Section 425. Scuttles. Unless provided with some other means of access to the roof, every building more than fifteen feet high, except dwellings with peak roofs, shall have in the roof a scuttle, with a substantial iron ladder leading thereto. All scuttles shall be covered on the top and edges with sheet metal or other approved incombustible material. The scuttle openings shall be at least two feet by three feet in size.

Section 426. Roof houses. 1. Definitions.

a. The term bulkhead as used in this section includes all such enclosed structures above the roof of any part of a building as enclose only stairways, tanks, elevator machinery or ventilating apparatus, or shafts.

b. The term pent house as used in this section means any enclosed structure, other than a bulkhead, extending not more than twelve feet above a roof.

2. Bulkheads. The walls of any bulkhead hereafter erected on any roof of a fireproof building, shall be constructed as required for fire partitions by subdivision 1, section 372 of this chapter. Such walls may be used as bearing walls of the bulkhead roofs when they do not exceed fifteen feet in height and thirty-five feet in length, and the roof span does not exceed twelve feet. The roofs of such bulkheads shall be of fireproof construction as provided by section 354 of this chapter. The walls and roofs of all bulkheads, unless constructed of approved masonry, shall be covered on the outside with incombustible, weatherproof material.

3. Pent houses. Every pent house shall be considered a story of the building and, except as may be otherwise specifically provided by law, its construction shall conform to the requirements for buildings of a height to which such pent house is carried; provided that when any exterior wall of such pent house sets back not less than five feet from the exterior walls of the next lower story of the building it may be constructed of brick not less than eight inches thick, or hollow building blocks not less than six inches in thickness, covered on the outside with incombustible, weatherproof material, and supported by steel or reinforced concrete girders.

4. Doors and windows. All doors and door frames in the exterior walls of bulkheads or pent houses shall be metal or metal covered wood. All windows in bulkheads or pent houses, except where otherwise specifically provided for, shall be constructed as other windows of the building similarly located.

5. Sun parlors. Nothing in this section shall prevent the erection on any roof of any building, of sun parlors or rooms for similar purposes, provided that only incombustible materials are used in the construction, and the floor of such structure is constructed as required for the roof of the building.

Section 427. Slanting roofs. 1. Construction. Every mansard or other slanting roof having a pitch of more than sixty degrees, hereafter placed on any non-fireproof building over forty feet high, shall be constructed fireproof as specified in Section 354 of this chapter.

2. Dormer windows. Every dormer window hereafter erected shall be constructed in the same manner as the roof on which it is placed. The sides and top shall be covered with any of the materials approved for roofing.

Section [426] 428. Tanks. 1. Supports. Tanks [containing] of more than 500 gallons capacity [of water or other fluid] hereafter placed in [any story], or on [the roof or above the roof of] any building [now or hereafter erected], shall be supported on masonry, reinforced concrete or steel construction [iron or steel beams] of sufficient strength [to safely carry the same; and the beams shall rest at both their ends on brick walls or on iron or steel girders or iron or steel columns or piers of masonry] and carried to a proper foundation.

2. Emergency outlet. Every such tank shall have in the bottom [Underneath any said water tank] or on the side near the bottom [of the same, there shall be] a [short] pipe or outlet, not less than four inches in diameter, fitted with a suitable quick-opening valve [having a lever or wheel handle to same; so that firemen or others] can readily discharge the weight of the fluid contents from the tank, in case of necessity] for discharging the contents in an emergency.

3. Location. Such tanks [shall be placed where practicable at one corner of a building, and] shall not be placed over nor near a line of stairs or an elevator shaft, unless there is a solid roof or floor underneath the tank.

4. Covers. All unenclosed roof tanks shall have covers with proper slope. [Covers on top of water tanks placed on roofs, if of wood, shall be covered with tin.]

5. Hoops. When hoops are used in the construction of tanks they shall be of metal round in section.

Section 429. Cooling towers. Cooling towers hereafter erected above any roof shall be of incombustible material, except the drip bars, which may be of wood.

Section 2. The provisions of this article shall take effect three months after its adoption by the Board of Aldermen.

**ORIGINAL.**

AN ORDINANCE relating to roofing and roof structures in The City of New York. *Be it Ordained by the Board of Aldermen of The City of New York, as follows:*

Section 1. Article 20 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

**ARTICLE 20.**

[Construction above roof.

- Section 420. Mansard roofs.  
421. Roofing and leaders.  
422. Cornices and gutters.  
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425. Sky-lights.  
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## Roofing and roof structures.

- Section 420. General.  
 421. Roofing.  
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 425. Scuttles.  
 426. Roof houses.  
 427. Slanting roofs.  
 428. Tanks.  
 429. Cooling towers.

§ 420. General. Except when otherwise specifically provided for in this chapter, all construction, other than water tanks, hereafter placed above the roof of any part of any building within the fire limits or of any building more than forty feet in height outside the fire limits, shall be of incombustible materials.

§ 421. Roofing. 1. Materials. Except as otherwise in this chapter specifically provided, every roof hereafter placed on any building or part thereof, shall be covered with an approved roofing of brick, concrete, tile, slate, metal, asbestos, slag, gravel, or other approved incombustible material.

2. Planking. When wood planking or sheathing is permitted in roof construction, it shall not, in any case, extend across any side or party walls.

3. Repairs. No roofing on any existing roof shall be renewed or repaired except in conformity with the requirements of this section, provided, however, that when the renewal or necessary repairs do not constitute more than one-fourth of the roofing in any one roof surface, the new work may be made to conform to the existing roofing.

§ 422. Cornices and gutters. 1. Construction. All cornices inclusive of those on show windows, and gutters hereafter placed on the exterior of any building, except buildings that are permitted to be of frame construction, shall be of incombustible materials. Cornices shall be secured to the walls with metal framing or anchors, spaced not more than four feet apart, and extending not less than four inches into the wall at top and bottom.

2. Repairs. All cornices or gutters that may now be or that may hereafter become unsafe shall be taken down, and if replaced, shall be constructed to conform to the requirements for new cornices, except that when any such cornice or gutter is not damaged to a greater extent than one-half, it may be repaired with the same material as originally constructed.

§ 420. Mansard roofs. If a mansard or other roof of like character having a pitch of over 60 degrees be placed on any building, except a wood building, or a dwelling house not exceeding 3 stories nor more than 40 feet in height, it shall be constructed of iron rafters and lathed with iron or steel on the inside and plastered, or filled in with fireproof material not less than 3 inches thick and covered with metal, slate or tile.

§ 421. Roofing and leaders. 1. Roofing. The planking and sheathing of the roofs of buildings shall not in any case be extended across the side or party wall thereof. Every building and the tops and sides of every dormer window thereon shall be covered and roofed with brick, tile, slate, tin, copper, iron; or plastic slate, asphalt, slag, or gravel may be used, provided such roofing shall be composed of not less than 5 layers of roofing felt, cemented together and finished with not less than 10 gallons of coal tar, pitch or asphalt to each 100 square feet of roof, or such other quality of fireproof roofing as the Superintendent of Buildings, under his certificate, may authorize, and the outside of the frames of every dormer window hereafter placed upon any building shall be made of some fireproof material. No wood building within the fire limits more than 2 stories or above 20 feet in height above the curb level to the highest part thereof, which shall require roofing, shall be roofed with any other roofing or covered except as aforesaid. Nothing in this section shall be construed to prohibit the repairing of any shingle roof, provided the building is not altered in height.

§ 423. [2.] Leaders. All buildings shall be [kept] provided with proper [metallic] leaders for conducting water from the roofs [in such manner as shall protect the walls and foundations of said buildings from injury]. In no case shall the water from leaders be allowed to flow upon the sidewalk, but [the same] it shall be conducted by pipe or pipes to [a] the sewer. If there be no sewer in the street [upon which such buildings front], then the water from [said] the leader shall be conducted by proper pipe or pipes, below the surface [of the sidewalk] to a street gutter, or to a cesspool.

§ 422. Cornices and gutters. On all buildings hereafter erected within the fire limits, the exterior cornices, inclusive of those on show windows, and gutters shall be of some fireproof material. All fireproof cornices shall be well secured to the walls with iron anchors, independent of any woodwork. In all cases the walls shall be carried up to the planking of the roof. Where the cornice projects above the roof the walls shall be carried up to the top of the cornice. The party walls shall in all cases extend up above the planking of the cornice and be coped. All exterior wooden cornices that may now be or that may hereafter become unsafe or rotten shall be taken down, and if replaced, shall be constructed of some fireproof material. All exterior cornices of wood or gutters that may hereafter be damaged by fire to the extent of one-half shall be taken down, and if replaced shall be constructed of some fireproof material; but if not damaged to the extent of one-half, the same may be repaired with the same kind of material of which they were originally constructed.

§ 423. Bulkheads and scuttles. Bulkheads used as inclosures for tanks and elevators, and coverings for the machinery of elevators and all other bulkheads, including the bulkheads of all dwelling houses more than 4 stories in height hereafter erected or altered may be constructed of hollow fireproof blocks; or of wood covered with not less than 2 inches of fireproof material, or filled in the thickness of the studding with such material, and covered on all outside surfaces with metal, including both surfaces and edges of doors. All such buildings shall have scuttles or bulkheads covered with some fireproof materials, with ladders or stairs leading thereto, and easily accessible to all occupants. No scuttle shall be less in size than 2 by 3 feet.

§ 424. Staging or stands on roofs. No staging or stand shall be constructed or occupied upon the roof of any building without first obtaining the approval of the superintendent of buildings.]

§ [425] 424. Skylights. 1. Construction. All skylights [having a superficial area of more than nine square feet,] hereafter placed in any building, shall have the sashes and frames thereof constructed of [iron and glass] metal. [Every fireproof roof hereafter placed on any building shall have, besides the usual scuttle or bulkhead, a skylight or skylights of a superficial area equal to not less than 1-50 the superficial area of such fireproof roof. Skylights hereafter placed in public buildings, over any passageway or room of public resort, shall have immediately underneath the glass thereof a wire netting, unless the glass contains a wire netting within itself.] except that skylights in foundries or buildings where acid fumes are present as an incident to the occupancy of the building may be of wood in the discretion of the superintendent of buildings. The frames and other parts of metal skylights shall be riveted or otherwise securely fastened, in addition to soldering.

2. Glazing. Skylights placed over shafts of any kind shall be glazed with plain glass not less than three-sixteenths of an inch in thickness. No pane of glass in any skylight hereafter placed in any building shall exceed seven hundred and twenty square inches in area.

3. Protection. Every skylight in which plain glass is used shall be protected by a wire screen placed not less than four inches nor more than ten inches above the glazed portion of the skylight at all points. Such screen shall be not tighter than No. 12 U. S. gauge, shall have a mesh of not less than three-fourths of an inch nor more than one inch, and shall extend beyond the glazing on all sides a distance not less than the height of the screen above the glazing. When any such skylight is located over any passageway or any room of public resort a similar screen shall also be placed below the skylight.

§ 425. Scuttles. Unless provided with some other means of access to the roof, every building more than fifteen feet high, except dwellings with peak roofs, shall have in the roof a scuttle, with a substantial iron ladder leading thereto. All scuttles shall be covered on the top and edges with sheet metal or other approved incombustible material. The scuttle openings shall be at least two feet by three feet in size.

§ 426. Roof houses. 1. Definitions.

- The term bulkhead as used in this section includes all such enclosed structures above the roof of any part of a building as enclose only stairways, tanks, elevator machinery or ventilation apparatus, or shafts.
- The term pent house as used in this section means any enclosed structure, other than a bulkhead, extending not more than twelve feet above a roof.
- Bulkheads. The walls of any bulkhead hereafter erected on any roof of a

fireproof building shall be constructed as required for fire partitions by subdivision 1, § 312 of this chapter. Such walls may be used as bearing walls of the bulkhead roofs when they do not exceed fifteen feet in height and thirty-five feet in length, and the roof span does not exceed twelve feet. The roofs of such bulkheads shall be of fireproof construction as provided by § 354 of this chapter. The walls and roofs of all bulkheads, unless constructed of approved masonry, shall be covered on the outside with incombustible, weatherproof material.

3. Pent houses. Every pent house shall be considered a story of the building and, except as may be otherwise specifically provided by law, its construction shall conform to the requirements for buildings of a height to which such pent house is carried; provided that when any exterior wall of such pent house sets back not less than five feet from the exterior walls of the next lower story of the building it may be constructed of brick not less than eight inches thick, or hollow building blocks not less than six inches in thickness, covered on the outside with incombustible, weatherproof material, and supported by steel or reinforced concrete girders.

4. Doors and windows. All doors and door frames in the exterior walls of bulkheads or pent houses shall be metal or metal covered wood. All windows in bulkheads or pent houses, except where otherwise specifically provided for, shall be constructed as other windows of the building similarly located.

5. Sun parlors. Nothing in this section shall prevent the erection on any roof of any building, of sun parlors or rooms for similar purposes, provided that only incombustible materials are used in the construction, and the floor of such structure is constructed as required for the roof of the building.

§ 427. Slanting roofs. 1. Construction. Every mansard or other slanting roof having a pitch of more than sixty degrees, hereafter placed on any non-fireproof building over forty feet high, shall be constructed fireproof as specified in § 354 of this chapter.

2. Dormer windows. Every dormer window hereafter erected shall be constructed in the same manner as the roof on which it is placed. The sides and top shall be covered with any of the materials approved for roofing.

§ [426] 428. Tanks. 1. Supports. Tanks [containing] of more than 500 gallons capacity [of water or other fluid] hereafter placed in [any story,] or on [the roof or above the roof of] any building [now or hereafter erected], shall be supported on masonry, reinforced concrete or steel construction [iron or steel beams] of sufficient strength [to safely carry the same; and the beams shall rest at both their ends on brick walls or on iron or steel girders or iron or steel columns or piers of masonry] and carried to a proper foundation.

2. Emergency outlet. Every such tank shall have in the bottom [Underneath any said water tank] or on the side near the bottom [of the same, there shall be] a [short] pipe or outlet, not less than four inches in diameter, fitted with a suitable quick-opening valve [having lever or wheel handle to same; so that firemen or others can readily discharge the weight of the fluid contents from the tank, in case of necessity] for discharging the contents in an emergency.

3. Location. Such tanks [shall be placed where practicable at one corner of a building, and] shall not be placed over nor near a line of stairs or an elevator shaft, unless there is a solid roof or floor underneath the tank.

4. Covers. All unenclosed roof tanks shall have covers with proper slope. [Covers on top of water tanks placed on roofs, if of wood, shall be covered with tin.]

5. Hoops. When hoops are used in the construction of tanks they shall be of metal round in section.

§ 429. Cooling towers. Cooling towers hereafter erected above any roof shall be of incombustible material, except the drip bars which may be of wood.

Section 2. The provisions of this article shall take effect three months after its adoption by the Board of Aldermen.

Note.—New matter in italics; old matter in [ ] to be omitted.

ANTHONY J. McNALLY, JOHN DIEMER, JESSE D. MOORE, JOHN KOCHENDORFER, JACOB BARTSCHERER, ALEX. DUJAT, CHARLES P. COLE, Committee on Buildings.

Which, on motion of Alderman Dowling, was again laid over for two weeks.

No. 716—Int. No. 2062.

### Report of the Committee on Buildings in Favor of Adopting Ordinance Relative to Safeguards During Construction or Demolition of Buildings in The City of New York.

The Committee on Buildings, to which was referred on September 21, 1915 (Minutes, page 280), the annexed ordinance relating to safeguards during construction or demolition of buildings in The City of New York, respectfully

#### REPORTS:

That it held a public hearing at which some minor objections to certain of the terms of this ordinance were voiced. It has amended the ordinance to cover these points wherever considered important, and recommends that the accompanying substitute ordinance be adopted.

#### SUBSTITUTE.

AN ORDINANCE relating to Safeguards During Construction or Demolition of buildings in The City of New York.

Be It Ordained by the Board of Aldermen of The City of New York, as follows: Section 1. Article 10 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

#### ARTICLE 10.

Safeguards during construction or demolition.

- [Section 190. Sidewalk sheds.  
 191. Scaffolding.  
 192. Inclosure of windows.  
 193. Roofs and skylights of adjoining buildings.  
 194. Enforcement of article.]
- Section 190. Enforcement of article.  
 191. Sidewalk sheds.  
 192. Temporary fence.  
 193. Roofs and skylights of adjoining buildings.  
 194. Scaffolding.  
 195. Floors to be filled in or covered over.  
 196. Protection of floor openings.  
 197. Weather protection.  
 198. Cellar drainage.  
 199. Overloading prohibited.  
 200. Precautions during demolition.

§ 190. Enforcement of article. Except as may be otherwise provided by any law or ordinance, the provisions of this article shall be enforced by the superintendent of buildings, and all safeguards required by the provisions of this article or by any rules authorized thereunder shall be subject to the supervision of the bureau of buildings. The superintendent of buildings shall, from time to time, adopt such rules, consistent with the provisions of this article, as may be necessary to secure fully the protection of persons and property. In case any safeguard shall not be provided as prescribed by this article, the superintendent of buildings shall cause a notice to be served personally upon the person whose duty it may be to provide the same or upon the owners of the buildings affected, requiring such safeguards and specifying the manner in which the same shall be erected. If such safeguard is not provided as required in such notice, within three days after the service thereof, the superintendent of buildings shall have full power and authority to provide or cause the same to be provided as herein specified. All expenses connected with same may become a lien on the property inclosed or protected, which lien may be created and enforced in the same manner as now provided in § 652 of this chapter.

§ 191. Sidewalk sheds. Whenever any building or part thereof, within ten feet of the building line, is to be erected or raised to exceed forty feet in height, or whenever such a building more than forty feet in height is to be demolished, the owner, or the person doing or causing such work to be done shall erect and maintain during such work a substantial shed over the sidewalk in front of said building and extending, so far as practicable, from building line to curb. Such shed shall remain in place until the building is enclosed or, in case of a demolition, until the building has been reduced to twenty feet in height. Every such shed shall be kept properly lighted at night.

§ 192. Temporary fence. In any building operation that does not require a sidewalk shed as provided in § 191 of this article, the owner or person doing or causing such work to be done, shall, unless relieved by a general rule of the superintendent of buildings or a special permit from him, erect and maintain in front of the building during such building operation, a substantial fence not less than eight feet high, of wood or other suitable material. Such fence may extend not more than six feet into the highway, and shall be built solid for its full length except for such openings, pro-



vided with sliding doors or doors swinging inwards, as may be necessary for a proper prosecution of the work.

§ 193. Roofs and skylights of adjoining buildings. When any building is to be carried above the roof of an adjoining building, proper means for the protection of the skylights and roof of such adjoining building shall be provided, at his own expense, by the person constructing or causing the construction of such building, provided that, if the owner, lessee or tenant of the adjoining building should refuse permission to have the roofs and skylights so protected, the responsibility and expense for the necessary protection shall devolve on the person refusing this permission.

§ 194. Scaffolding. All scaffolds used in connection with the erection, alteration or demolition of any building shall be constructed in a manner to secure the safety of the workmen on them and of all persons passing under or near them. All scaffolds used on or about buildings at a height of more than twenty feet above the street or ground level, or a floor, except scaffolding wholly within the interior of a building and covering the entire floor space of any room therein, shall be provided along the outer edges and ends with substantial railings or enclosures of wire mesh or other suitable material, extending at least three feet above the working platform.

§ 195. Floors to be filled in or covered over. If the floors of any building are to be of fireproof construction the floor filling shall be completed as the building progresses. If the floors consist of wood beams the under-flooring, when double flooring is to be used, shall be laid on each story as the building progresses; when double floors are not to be used, the floors two stories below the story where the work is being performed shall be kept planked over. If the floor beams are of iron or steel, the entire tier of iron or steel beams on which the structural iron or steel work is being erected, except such spaces as may be reasonably required for the proper construction of such iron or steel work, and for the raising or lowering of materials to be used in the construction of such building, or such spaces as may be designated by the approved plans for stairways and shafts shall be thoroughly planked over.

§ 196. Protection of floor openings. All floor openings within a building in the course of construction shall be enclosed or fenced in on all sides by a barrier of suitable height, except on those sides which may be used for the handling of materials hoisted through such openings, or at which stairs or ladders land, provided that such sides, other than landings, shall be guarded by an adjustable barrier not less than three nor more than four feet from the floor and not less than two feet from the edge of such opening.

§ 197. Weather protection. Whenever permission has been given under any of the provisions of this chapter to enter any adjoining building the person who receives such permission or who is responsible for the work requiring such permission, shall provide for such adjoining building adequate protection against the weather.

§ 198. Cellar drainage. Before the foundation walls of any building are completed provision shall be made to prevent water accumulating in the excavation or cellar to the injury of the foundation, and if there is a sewer in the street the cellar shall also be connected therewith.

§ 199. Overloading prohibited. No building or part thereof, or any temporary support or scaffolding in connection therewith, shall be loaded during erection, alteration or demolition in excess of its safe carrying capacity.

§ 200. Precautions during demolition. In demolishing any building or part thereof, story after story shall be completely removed. No material shall be stored upon a floor of any building in the course of demolition, but old material shall be lowered to the ground immediately upon displacement. The material to be removed shall be properly wet to lay the dust incident to its removal.

§ 190. Sidewalk sheds. Whenever buildings shall be erected or increased to over 65 feet in height, upon or along any street, the owner, builder or contractor constructing or repairing such buildings shall have erected and maintained during such construction or repair a shed over the sidewalk in front of said premises, extending from building line to curb, the same to be properly, strongly and tightly constructed, so as to protect pedestrians and others using such streets.

§ 191. Scaffolding. Whenever outside scaffolds are required to carry on the construction of buildings over 85 feet in height, whether the same be constructed by poles or thrust-out scaffold, there shall be erected on its outer edge and ends an inclosure of wire netting of not over 2-inch mesh, or of boards not less than 3/4 of an inch thick, placed not over 1 1/2 inches apart, well secured to uprights not less than 2 inches by 4 inches, fastened to planks or timbers, and resting on put logs or thrust outs. The said inclosure shall be carried up at least 5 feet in advance above the level on which the workmen employed on said front are working. The said thrust outs shall be not less than 3 by 10, of spruce or yellow pine, and to be doubled or tripled, as may be required for the load to be carried, and to be thoroughly braced and secured; or said timbers can be in one stick, if proportioned to the load. The flooring on thrust outs and put logs shall be tightly constructed with plank. This said floor and inclosure shall not be removed until a like floor and inclosure is already prepared and in position on the story above.

§ 192. Inclosure of windows. In all buildings over 85 feet in height, during construction or alteration, the windows on each floor above the second shall be properly inclosed as soon as the story is built.

§ 193. Roofs and sky-lights of adjoining buildings. If the walls of such buildings are carried upon 2 stories or more above the roofs of adjoining buildings, proper means shall be provided and used for the protection of sky-lights and roofs of such adjoining buildings. The protection over sky-lights shall be of stout wire netting not over 3/4-inch mesh, on stout timbers, and properly secured. Should said adjoining owner, tenant or lessee refuse to grant permission to have said roofs and sky-lights so protected, such refusal by said owner, tenant or lessee shall relieve the owner of the building in course of construction from any responsibility for damage done to persons or property on or within the premises affected.

§ 194. Enforcement of article. All sheds and inclosures required by the provisions of this article shall be subject to the inspection of the bureau of buildings. In case any necessary inclosure or protection shall not be erected, as prescribed by this section, the superintendent of buildings shall cause a notice to be served personally upon the owner or his authorized agent, constructing or repairing such buildings, or the owner, tenant or lessee of adjoining premises requiring the provision of such inclosure or protection, specifying the manner in which the same shall be erected. If such inclosure or protection is not erected, strengthened or modified as provided in such notice, within 3 days after the service thereof, the said superintendent shall have full power and authority to cause the same to be so erected and the skylights to be protected as herein provided. All expenses connected with same may become a lien on the property in interest so inclosed and protected, which lien may be created and enforced in the same manner as now provided for in § 652 of this chapter.

Section 2. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

#### ORIGINAL.

AN ORDINANCE relating to safeguards during construction or demolition of buildings in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York as follows: Section 1. Article 10 of chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

#### ARTICLE 10.

Safeguards during construction or demolition.

- [Section 190. Sidewalk sheds.
- 191. Scaffolding.
- 192. Inclosure of windows.
- 193. Roofs and skylights of adjoining buildings.
- 194. Enforcement of article.]
- Section 190. Enforcement of article.
- 191. Sidewalk sheds.
- 192. Temporary fence.
- 193. Roofs and skylights of adjoining buildings.
- 194. Scaffolding.
- 195. Floors to be filled in or covered over.
- 196. Protection of floor openings.
- 197. Weather protection.
- 198. Cellar drainage.
- 199. Overloading prohibited.
- 200. Precautions during demolition.

§ 190. Enforcement of article. Except as may be otherwise provided by any law or ordinance, the provisions of this article shall be enforced by the superintendent

of buildings, and all safeguards required by the provisions of this article or by any rules authorized thereunder shall be subject to the supervision of the bureau of buildings. The superintendent of buildings shall, from time to time, adopt such rules, consistent with the provisions of this article, as may be necessary to secure fully the protection of persons and property. In case any safeguard shall not be provided as prescribed by this article, the superintendent of buildings shall cause a notice to be served personally upon the person whose duty it may be to provide the same or upon the owners of the buildings affected, requiring such safeguards and specifying the manner in which the same shall be erected. If such safeguard is not provided, as required in such notice, within three days after the service thereof, the superintendent of buildings shall have full power and authority to provide or cause the same to be provided as herein specified. All expenses connected with same may become a lien on the property inclosed or protected, which lien may be created and enforced in the same manner as now provided in § 652 of this chapter.

§ 191. Sidewalk sheds. Whenever any building or part thereof, within ten feet of the building line, is to be erected or raised to exceed forty feet in height, or whenever such a building more than forty feet in height is to be demolished, the owner, or the person doing or causing such work to be done shall erect and maintain during such work a substantial shed over the sidewalk in front of said building and extending, so far as practicable, from building line to curb. Such shed shall remain in place until the building is enclosed or, in case of a demolition, until the building, has been reduced to twenty feet in height. Every such shed shall be kept properly lighted at night.

§ 192. Temporary fence. In any building operation that does not require a sidewalk shed as provided in § 191 of this article, the owner or person doing or causing such work to be done, shall, unless relieved by a general rule of the superintendent of buildings, or a special permit from him, erect and maintain in front of the building during such building operation, a substantial fence not less than eight feet high, of wood or other suitable material. Such fence may extend not more than six feet into the highway, and shall be built solid for its full length except for such openings, provided with sliding doors or doors swinging inwards, as may be necessary for a proper prosecution of the work.

§ 193. Roofs and skylights of adjoining buildings. When any building is to be carried more than fifteen feet above the roof of any adjoining building, proper means for the protection of the skylights and roof of such adjoining building shall be provided, at his own expense, by the person constructing or causing the construction of such building, provided that, if the owner, lessee or tenant of the adjoining building should refuse permission to have the roof and skylights so protected, the responsibility and expense for the necessary protection shall devolve on the person refusing this permission.

§ 194. Scaffolding. All scaffolds used in connection with the erection, alteration or demolition of any building shall be constructed in a manner to secure the safety of the workmen on them and of all persons passing under or near them. All scaffolds used on or about buildings at a height of more than twenty feet above the street or ground level, or a floor, except scaffolding wholly within the interior of a building and covering the entire floor space of any room therein, shall be provided along the outer edges and ends with substantial railings or enclosures of wire mesh or other suitable material, extending at least three feet above the working platform.

§ 195. Floors to be filled in or covered over. If the floors of any building are to be of fireproof construction the floor filling shall be completed as the building progresses. If the floors consist of wood beams the under-flooring, when double flooring is to be used, shall be laid on each story as the building progresses; when double floors are not to be used, the floors two stories below the story where the work is being performed shall be kept planked over. If the floor beams are of iron or steel, the entire tier of iron or steel beams on which the structural iron or steel work is being erected, except such spaces as may be reasonably required for the proper construction of such iron or steel work, and for the raising or lowering of materials to be used in the construction of such building, or such spaces as may be designated by the approved plans for stairways and shafts shall be thoroughly planked over.

§ 196. Protection of floor openings. All floor openings within a building in the course of construction shall be enclosed or fenced in on all sides by a barrier of suitable height, except on those sides which may be used for the handling of materials hoisted through such openings, or at which stairs or ladders land, provided that such sides, other than landings, shall be guarded by an adjustable barrier not less than three nor more than four feet from the floor and not less than two feet from the edge of such opening.

§ 197. Weather protection. Whenever permission has been given under any of the provisions of this chapter to enter any adjoining building the person who receives such permission or who is responsible for the work requiring such permission, shall provide for such adjoining building adequate protection against the weather.

§ 198. Cellar drainage. Before the foundation walls of any building are completed provision shall be made to prevent water accumulating in the excavation or cellar to the injury of the foundation, and if there is a sewer in the street the cellar shall also be connected therewith.

§ 199. Overloading prohibited. No building or part thereof, or any temporary support or scaffolding in connection therewith, shall be loaded during erection, alteration or demolition in excess of its safe carrying capacity.

§ 200. Precautions during demolition. In demolishing any building or part thereof, story after story shall be completely removed. No material shall be stored upon a floor of any building in the course of demolition, but old material shall be lowered to the ground immediately upon displacement. The material to be removed shall be properly wet to lay the dust incident to its removal.

§ 190. Sidewalk sheds. Whenever buildings shall be erected or increased to over 65 feet in height upon or along any street, the owner, builder or contractor constructing or repairing such buildings shall have erected and maintained during such construction or repair a shed over the sidewalk in front of said premises, extending from building line to curb, the same to be properly, strongly and tightly constructed, so as to protect pedestrians and others using such streets.

§ 191. Scaffolding. Whenever outside scaffolds are required to carry on the construction of buildings over 85 feet in height, whether the same be constructed by poles or thrust-out scaffold, there shall be erected on its outer edge and ends an inclosure of wire netting of not over 2-inch mesh, or of boards not less than 3/4 of an inch thick, placed not over 1 1/2 inches apart, well secured to uprights not less than 2 inches by 4 inches, fastened to planks or timbers, and resting on put logs or thrust outs. The said inclosure shall be carried up at least 5 feet in advance above the level on which the workmen employed on said front are working. The said thrust outs shall be not less than 3 by 10, of spruce or yellow pine, and to be doubled or tripled, as may be required for the load to be carried, and to be thoroughly braced and secured; or said timbers can be in one stick, if proportioned to the load. The flooring on thrust outs and put logs shall be tightly constructed with plank. This said floor and inclosure shall not be removed until a like floor and inclosure is already prepared and in position on the story above.

§ 192. Inclosure of windows. In all buildings over 85 feet in height, during construction or alteration, the windows on each floor above the second shall be properly inclosed as soon as the story is built.

§ 193. Roofs and skylights of adjoining buildings. If the walls of such buildings are carried upon 2 stories or more above the roofs of adjoining buildings, proper means shall be provided and used for the protection of skylights and roofs of such adjoining buildings, the protection over skylights shall be of stout wire netting not over 3/4-inch mesh, on stout timbers, and properly secured. Should said adjoining owner, tenant or lessee refuse to grant permission to have said roofs and skylights so protected, such refusal by said owner, tenant or lessee shall relieve the owner of the building in course of construction from any responsibility for damage done to persons or property on or within the premises affected.

§ 194. Enforcement of article. All sheds and inclosures required by the provisions of this article shall be subject to the inspection of the bureau of buildings. In case any necessary inclosure or protection shall not be erected, as prescribed by this section, the superintendent of buildings shall cause a notice to be served personally upon the owner, or his authorized agent, constructing or repairing such buildings, or the owner, tenant or lessee of adjoining premises, requiring the provision of such inclosure or protection, specifying the manner in which same shall be erected. If such inclosure or protection is not erected, strengthened or modified as provided in such notice, within 3 days after the service thereof, the said superintendent shall have full power and authority to cause the same to be so erected and the skylights to be protected as herein provided. All expenses connected with same may become a lien on



the property in interest so inclosed and protected, which lien may be created and enforced in the same manner as now provided for in § 652 of this chapter.]

Section 2. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

Note—New matter in *italics*; old matter in [ ] to be omitted.

ANTHONY J. McNALLY, JOHN DIEMER, JOHN KOCHENDORFER, JACOB BARTSCHERER, JESSE D. MOORE, CHARLES P. COLE, ALEX. DUJAT, Committee on Buildings.

Which, on motion of Alderman Dowling, was again laid over for two weeks.

No. 717—Int. No. 2091.

**Report of the Committee on Finance in Favor of Amending Resolution for \$841,000 Corporate Stock for Erection and Completion of Sea View Hospital, Borough of Richmond.**

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 29), the annexed resolution in favor of amending an issue of \$841,000 corporate stock for the erection and completion of the Sea View Hospital, Borough of Richmond, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed amendment to be necessary. The object of the change is to release \$1,629.70 of the appropriation to pay fees of architect incurred by reason of alterations.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following amended resolution adopted by the Board of Estimate and Apportionment at a stated meeting held October 1, 1915.

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, concurred in by the Board of Aldermen on July 25, 1911, and approved by the Mayor on August 31, 1911, reading as follows:

"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 one million two hundred and thirty-one thousand dollars (\$1,231,000) to provide means for the erection and completion of the Sea View Hospital, Borough of Richmond, under the jurisdiction of the Department of Public Charities, as follows: Construction of Nurses' Home and Help's Quarters; Two Ward Pavilions; Staff House; Service Tunnel and Corridors.

Total for construction .....	\$841,000 00
Road building, finished grading, tree planting, etc.....	110,000 00
Furniture and fixtures .....	150,000 00
Architects' fees, contingencies and allowances.....	130,000 00

\$1,231,000 00

"—and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid"

he and the same is hereby amended by changing the amount authorized on the line "Total for construction" to read "\$839,370.30," and the amount on the line "Architects' fees, contingencies and allowances" to read "\$131,629.70"; thereby effecting a rescindment of \$1,629.70 in the fund C. C. H. 45-46, and an increase in the authorization for the fund C. C. H. 47 of the same amount.

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK DOTZLER, JESSE D. MOORE, C. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaylor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—53.

No. 718—Int. No. 2092.

**Report of the Committee on Finance in Favor of Adopting Resolution to Amend an Issue of \$5,000 Corporate Stock for Preparation of Geological Maps and Records.**

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 30), the annexed resolution in favor of amending an issue of \$5,000 Corporate Stock for preparation of geological maps, etc., under the jurisdiction of the Museum of Natural History, respectfully,

**REPORTS:**

That this resolution merely changes the custody of these maps to the more central control of the Board of Estimate and Apportionment and proposes to house them in the more easily approached Municipal Building.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following amended resolution adopted by the Board of Estimate and Apportionment at a stated meeting held October 1, 1915:

Resolved, That, subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment on July 9, 1914, and deemed to have been concurred in by the Board of Aldermen on August 27, 1914, for the issue of corporate stock to the extent of five thousand dollars (\$5,000) to provide means for necessary expenses in connection with preparation of geological maps, borings, samples and records, under the jurisdiction of the Museum of Natural History, be amended to read as follows:

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 five thousand dollars (\$5,000) to provide means for the necessary expenses in connection with the collection, classification and permanent preservation of boring samples and records, and the preparation of geological maps of The City of New York under the jurisdiction of the Board of Estimate and Apportionment, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid.

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, F. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaylor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

No. 719—Int. No. 2093.

**Report of the Committee on Finance in Favor of Adopting Ordinance for \$123,000 Corporate Stock for Acquisition of Lands by the Bronx Parkway Commission.**

The Committee on Finance to which was referred on October 5, 1915 (Minutes, page 31), the annexed resolution in favor of an issue of \$123,000 Corporate Stock for acquisition of lands by the Bronx Parkway Commission, respectfully

**REPORTS:**

That this is a mandatory proposition, and the sooner it is approved the less the expense to the city. A list of the properties covered by this appropriation is hereto attached.

The Committee recommends that the accompanying ordinance be adopted.

AN ORDINANCE providing for an issue of Corporate Stock of the City of New York to an amount not exceeding one hundred and twenty-three thousand dollars (\$123,000), being the City's share, three-quarters of a total of one hundred and sixty-four thousand dollars (\$164,000), to provide means for acquiring lands and interests therein and defraying expenses incidental thereto by the Bronx Parkway Commission in preserving the waters of the Bronx River from pollution.

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 October 1, 1915, 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 the Board of Estimate and Apportionment, pursuant to the provisions of chapter 594 of the Laws of 1907, as amended by chapter 757 of the Laws of 1913, hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding one hundred and twenty-three thousand dollars (\$123,000), being the City's share, three-quarters of a total of one hundred and sixty-four thousand dollars (\$164,000), to provide means for acquiring lands and interests therein, and defraying expenses incidental thereto, by The Bronx Parkway Commission in connection with preserving the waters of the Bronx River from pollution, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, maturing not more than fifteen (15) years after date of issue, the proceeds thereof to the amount of the par value of the stock to be applied to the purpose aforesaid.

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, C. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

August 20, 1915.

To the Honorable Board of Estimate and Apportionment of the City of New York, Municipal Building, New York City.

Gentlemen—Acting in pursuance of section 15 of chapter 594 of the Laws of 1907, as amended by chapter 757 of the Laws of 1913, the Bronx Parkway Commission hereby notifies your Honorable Board that agreements have been made with owners of lands in the Parkway Reservation upon prices to be paid for the parcels listed herein. Contracts for these parcels have been drawn for closing as of June 30, 1915.

The cost of said lands is as follows:

Name.	Amount.
Matthew Creegan, Sheet 1, Parcel 7.....	\$1,048 00
Jules Rochet, Sheet 1, Parcel 79.....	9,568 00
Emilie Flaurand, Sheet 1, Parcel 80.....	10,100 00
Jonas Hegt, Sheet 4, Parcel 27.....	792 00
Bridget Rooney, Sheet 5, Parcel 11.....	651 00
Estate of Fanny E. Lawrence, Sheet 5, Parcels 16 and 28.....	1,450 00
Robert Crossen, Sheet 7, Parcel 3.....	3,500 00
William Lichtenfels, Sheet 7, Parcel 4.....	1,590 00
E. Daniel Miner, et al., Sheet 7, Parcel 5.....	1,402 00
W. J. Ford, Sheet 9, Parcel 8.....	933 00
Bridget McCarthy, Sheet 9, Parcel 13.....	600 00
Harris Dressner, Sheet 10, Parcel 5.....	700 00
George Dressler, Sheet 10, Parcel 8.....	1,050 00
Susan Dressler, Sheet 10, Parcel 12.....	610 00
Theresa Absolon, Sheet 10, Parcel 24.....	8,000 00
Sophie Berkowitz, Sheet 10, Parcel 31.....	632 00
Minnie Celia, Sheet 10, Parcel 45.....	692 00
Brokaw Estate, Sheet 10, Parcel 76.....	767 00
Charles Heimerle, Sheet 10, Parcel 87.....	544 00
Hattie Connors, Sheet 10, Parcel 92.....	832 00
Michael Collins, Sheet 11, Parcel 17.....	3,800 00
William Clemett, Sheet 12, Parcel 40.....	3,364 00
Victoria Hajos, Sheet 12, Parcel 42.....	6,800 00
Isaac Isaacs, Sheet 14, Parcel 38.....	1,250 00
Carl Fox, Sheet 14, Parcel 47.....	12,458 00
Charles and Raoul Pimont, Sheet 14, Parcel 54.....	864 00
Delia Ward, Sheet 14, Parcel 73.....	480 00
Catherine Hill, Sheet, 14, Parcels 75 and 13, Part 91.....	1,354 00
Joanna T. Birkins, Sheet 15, Parcels 1 and 5.....	756 00
George W. Powers, Sheet 15, Parcels 41 and 51.....	710 00
John Manganello, Sheet 25, Parcel 5.....	4,000 00
Domenick De Salvo, Sheet 25, Parcel 9.....	4,600 00
North White Plains Land Co., Sheet 28, Parcels 4, 6, 11, 22, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 40, 42, 46 and 48.....	58,000 00
Horace Bassett, Sheet 28, Parcel 20.....	616 00
Adelbert Reynolds, Sheet 28, Parcel 41.....	1,752 00
A. Cordileon and M. Fiorillo, Sheet 29, Parcel 13.....	1,224 00
Mary A. Bloom, Sheet 30, Parcel 30.....	43 00
Estate of Margaret Fraser, Sheet 25, Parcels 1 and 65.....	3,241 00
Graman Building Co. (H. H. Duden), Sheet 9, Parcels 50, 57 and 58.....	1,485 00

Total ..... \$152,258 00

Estimated cost of acquisition, including title searches and insurance, together with allowance for taxes, assessments, interest, etc., in those cases where contracts so provide..... 11,742 00

Grand total ..... \$164,000 00

Of this amount the share of the County of Westchester is twenty-five per cent (25%), or..... 41,000 00

The share of the City of New York is seventy-five per cent (75%), or..... 123,000 00

Your Honorable Board is requested to raise by an issue of corporate stock, as required and authorized by section 15 of said Act, as amended, the sum of \$123,000 to pay the City's share, three-fourths, of the total amount due for said lands, together with three-fourths of the expense of acquiring same. The same amount, when raised, to be applied by the Comptroller of the City of New York toward the payment for said lands, expenses, etc., as provided in said Act. Very truly yours,

BRONX PARKWAY COMMISSION, By ..... Treasurer.

The President put the question whether the Board would agree to accept said report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaylor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

No. 720 (Int. No. 2094).

**Report of the Committee on Finance in Favor of Adopting Resolution of Waiver in Favor of A. G. Spalding & Brothers in Respect to Liquidated Damages for Failure to Comply With Terms of a Contract With the Department of Parks, Borough of Brooklyn.**

The Committee on Finance, to which was referred on October 5, 1915 (Minutes, page 32), the annexed resolution of waiver in favor of A. G. Spalding & Brothers in respect to liquidated damages for failure to comply with terms of a contract with the Department of Parks, Borough of Brooklyn, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed waiver to be one which should receive the approval of the Board. The penalty invoked was a technical one, as while the goods were not delivered on contract time, they were received in ample time for the use for which they were designed.



It therefore recommends that the accompanying resolution be adopted.  
Resolved, That the Board of Aldermen hereby approves of and concurs in the following preamble and resolution adopted by the Board of Estimate and Apportionment at a stated meeting held October 1, 1915:

Whereas, The City, through the Department of Parks, Borough of Brooklyn, entered into contract with A. G. Spalding & Brothers on October 10, 1911, pursuant to the terms of which the contractor was to furnish and deliver playground supplies to the value of one thousand three hundred and twenty-four dollars and three cents (\$1,324.03); and

Whereas, Delivery of said playground supplies were to be fully and entirely performed on the part of the contractor within ten (10) working days, and said deliveries were not fully and entirely performed until the expiration of one hundred and thirty-three (133) working days; and

Whereas, The said contractor in good faith furnished and delivered to the City the said playground supplies, which have been applied to the uses of the City; and

Whereas, The amount of liquidated damages imposed as provided by the contract is ten dollars (\$10) per day for 123 days, a total of one thousand two hundred and thirty dollars (\$1,230); and

Whereas, It appears the City suffered loss to no greater extent than two hundred and five dollars and fifty-nine cents (\$205.59) by reason of the delay in furnishing and delivering the said playground supplies; therefore, be it

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 418 of the Charter, unanimously recommends to the Board of Aldermen that the liquidated damages imposed against A. G. Spalding & Brothers, under the terms of said contract, No. 31342, be waived to the extent of one thousand and twenty-four dollars and forty-one cents (\$1,024.41), and the Comptroller be and hereby is directed to pay the amount otherwise due under the contract as a legal claim.

F. H. STEVENSON, HENRY H. CURRAN, JOHN DIEMER, FRANK J. DOTZLER, JESSE D. MOORE, C. AUGUSTUS POST, D. M. BEDELL, F. H. WILMOT, FRANCIS P. KENNEY, Committee on Finance.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gavnor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.  
No. 721 (Int. No. 2055).

**Report of the Committee on Public Thoroughfares in Favor of Adopting Ordinance Amending Subdivision 2 of Section 13 of Article 2 of Chapter 24 of the Code of Ordinances, Relating to Traffic Regulations.**

The Committee on Public Thoroughfares, to which was referred, on September 21, 1915 (Minutes, page 269), the annexed ordinance in favor of amending section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to traffic regulations, respectfully

**REPORTS:**

That the object of this amendment is to prohibit peddlers on this block, where there is actually no room for this industry owing to the volume of traffic.

The Committee recommends that the said ordinance be adopted.

AN ORDINANCE to amend subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to "traffic regulations."

*Be it Ordained, by the Board of Aldermen of The City of New York, as follows:*

That section 1, subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to "traffic regulations," is hereby amended by adding thereto the following words—*23rd Street, between 4th Avenue, and Broadway, Manhattan.*

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in italics.

D. M. BEDELL, JAMES A. MILLIGAN, FRANK DOSTAL, JR., JAS. F. MULLEN, MICHAEL J. HOGAN, JESSE D. MOORE, Committee on Public Thoroughfares.

The President put the question whether the Board would agree to accept said report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gavnor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.  
No. 722 (Int. No. 2058).

**Report of the Committee on Public Thoroughfares in Favor of Adopting Ordinance Amending Subdivision 2 of Section 13 of Article 2 of Chapter 24 of the Code of Ordinances, Relative to Traffic Regulations.**

The Committee on Public Thoroughfares, to which was referred, on September 21, 1915 (Minutes, page 271), the annexed ordinance in favor of amending subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to traffic regulations, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed amendment to be advisable, it having the recommendation of the Alderman of the district.

It, therefore, recommends that the said ordinance be adopted.

AN ORDINANCE to amend subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to "traffic regulations."

*Be it Ordained, by the Board of Aldermen of The City of New York, as follows:*

Section 1. Subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to "traffic regulations," is hereby amended by adding thereto the following words: *First Avenue, between 2nd Street and 9th Street, Manhattan.*

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in italics.

D. M. BEDELL, JAMES A. MILLIGAN, FRANK DOSTAL, JR., JAS. F. MULLEN, MICHAEL J. HOGAN, JESSE D. MOORE, Committee on Public Thoroughfares.

The President put the question whether the Board would agree to accept said report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gavnor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.  
No. 723 (Int. No. 2066).

**Report of the Committee on Public Thoroughfares in Favor of Adopting Ordinance Amending Subdivision 2 of Section 13 of Article 2 of Chapter 24 of the Code of Ordinances, Relative to Traffic Regulations.**

The Committee on Public Thoroughfares, to which was referred, on September 21, 1915 (Minutes, page 283), the annexed ordinance in favor of amending subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relative to traffic regulations, respectfully

**REPORTS:**

That having examined this subject, it believes the proposed amendment to be advisable, it having been recommended by the Alderman of the district.

It, therefore, recommends that the said ordinance be adopted.

AN ORDINANCE to amend subdivision 2 of section 13 of article 2 of chapter 24 of the Code of Ordinances, relating to "traffic regulations."

*Be it Ordained, by the Board of Aldermen of The City of New York, as follows:*

That section 1, subdivision 2 of section 13, of article 2, of chapter 24 of the Code of Ordinances, relating to "traffic regulations," is hereby amended by adding thereto the following words—*The territory bounded by 56th Street, 3rd Avenue, 74th Street and the East River, except the space beneath the Queensboro Bridge, lying within said bounds, set aside for market purposes, Manhattan.*

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in italics.

D. M. BEDELL, JAMES A. MILLIGAN, FRANK DOSTAL, JR., JAS. F. MULLEN, MICHAEL J. HOGAN, JESSE D. MOORE, Committee on Public Thoroughfares.

The President put the question whether the Board would agree to accept said report and adopt said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gavnor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.  
No. 724 (Int. No. 2020).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Three Grades of Positions in Bellevue and Allied Hospitals.**

The Committee on Salaries and Offices, to which was referred on September 21, 1915 (Minutes, page 227), the annexed resolution in favor of establishing three grades of position in Bellevue and Allied Hospitals, respectfully

**REPORTS:**

That this resolution covers two increases of \$300 each per annum in the salaries of two female employees of long service whose value to the city is to be recognized in this substantial manner. The Foreman of Drivers supervises 36 Drivers and Auto Enginemen, and in the opinion of the Committee is entitled to this increase of \$150 per annum. It therefore recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held July 9, 1915.

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 of grades of positions in Bellevue and Allied Hospitals, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Hospital Clerk .....	\$1,200 00	One
Trained Nurse .....	1,200 00	One
Foreman of Drivers .....	1,200 00	One

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.

W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gavnor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.  
No. 725 (Int. No. 2021).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Process Server at \$3.50 per Diem in Office of District Attorney of Queens County.**

The Committee on Salaries and Offices, to which was referred on September 21, 1915 (Minutes, page 228), the annexed resolution in favor of establishing the grade of Process Server in the office of the District Attorney of Queens County, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed grade to be necessary in order that certain employees of this title may be reimbursed for emergency work performed during the year. The Finance Department has reported that such services should be paid on a regular payroll. The Committee recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held July 9, 1915.

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 of grade of position in the office of the District Attorney of Queens County, in addition to those heretofore established, as follows:

Title.	Rate per Diem.	Number of Incumbents.
Process Server .....	\$3 50	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.

W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gavnor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.  
No. 726 (Int. No. 2022).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Fix the Compensation of Certain Janitors, Department of Education.**

The Committee on Salaries and Offices, to which was referred on September 21, 1915 (Minutes, page 229), the annexed resolution in favor of fixing the compensation of certain Janitors in the Department of Education, respectfully

**REPORTS:**

That these salaries are calculated on the usual measurement basis. The Committee recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held July 21, 1915,



Whereas, By opinions of the Corporation Counsel, as of June 28 and July 30, 1910, the Comptroller was advised that the payment of the salaries of Janitors in the Department of Education was illegal unless salaries shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The Special Committee on Janitorial Compensation and the Committee of School Inquiry, Board of Estimate and Apportionment, submitted a joint report on March 27, 1913, which contained detailed suggestions and recommendations for the reorganization of the janitorial force of the Department of Education; therefore, be it

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Charter, hereby recommends to the Board of Aldermen, pending action by the Board of Education on the aforesaid report, that the compensation of Janitors in the Department of Education be fixed temporarily and until further modified, in accordance with the following list:

Janitor, Public School No. 101, for care of leased annex at No. 8602 18th Avenue, Brooklyn, from October, 1914, to February, 1915..... \$43 00  
Janitor, Public School No. 111, Brooklyn, per annum..... 1,752 00

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: W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Duiat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaylor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

No. 727 (Int. No. 2025).

#### Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish the Grade of Position of City Magistrate at \$7,000 Per Annum.

The Committee on Salaries and Offices to which was referred on September 21, 1915 (Minutes, page 232), the annexed resolution in favor of establishing the grade of position of City Magistrate, respectfully

##### REPORTS:

That the reason for the establishment of this grade is to cover the appointment of Judge Esterbrook, who was made a City Magistrate in place of the late Justice Kempner, who received \$8,000 per annum as Chief City Magistrate.

The Committee recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held July 21, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 104 of Chapter 659 of the Laws of 1910, as amended by chapter 531 of the Laws of 1915, hereby recommends to the Board of Aldermen the establishment in the City Magistrates' Court of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
City Magistrate.....	\$7,000 00	One

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.

W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Duiat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaylor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

No. 729 (Int. No. 2050).

#### Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Fix the Compensation of Certain Janitors, Department of Education.

The Committee on Salaries and Offices to which was referred on September 21, 1915 (Minutes, page 252), the annexed resolution in favor of fixing the compensation of certain janitors, Department of Education, respectfully

##### REPORTS:

That these salaries have been calculated on the usual measurement and allowance basis.

It, therefore, recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held September 17, 1915:

Whereas, By opinions of the Corporation Counsel as of June 28 and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education was illegal unless such salaries shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The Special Committee on Janitorial Compensation and the Committee on School Inquiry, Board of Estimate and Apportionment, submitted a joint report on March 27, 1913, which contained detailed suggestions and recommendations for the reorganization of the janitorial force of the Department of Education; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Greater New York Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, pending action by the Board of Education on the aforesaid report, that the compensation of Janitors in the Department of Education be fixed temporarily and until further modified in accordance with the following list:

Janitor, Murray Hill Vocational School, for additional compensation for the period from June 1 to June 30, 1915..... \$50 00  
Janitor East 91st Street Supply Depository, per month..... 50 00  
Janitor, P. S. 8, Manhattan, per annum, less \$299..... 2,136 00  
Janitor, P. S. 135, Brooklyn, per month..... 60 00  
Janitor, P. S. 45, Queens, per month..... 10 00  
Janitor, P. S. 63, Queens, per month..... 50 00  
Janitor, P. S. 99, Queens, per month..... 10 00

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.

W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Vice-Chairman put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Duiat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaylor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

No. 731 (Int. No. 2117).

#### Resolution Appointing Various Persons Commissioners of Deeds.

Resolved, That the following named persons be and they are hereby appointed Commissioners of Deeds:

By Vice-Chairman Curran—

Stanley Wright Jones, 46 Fifth Avenue, Manhattan.

Endorsed by Gilbert V. Lamb and James W. Osborne.

Sidney Bromberger, 24 Charles Street, Manhattan.

Endorsed by Gussie Raniszer and Clarence A. Weill.

Charles Lange, 117 West 10th Street, Manhattan.

Endorsed by James D. C. Murray and Mark Altman.

Albert T. Ellis, 922 Broadway, Manhattan.

Endorsed by C. Clarence Swift and William H. Compton.

By Alderman Bartscherer—

Vincenzo Ingolia, 113 Hamburg Avenue, Brooklyn, N. Y.

Endorsed by Jos. G. Giambalvo and Charles E. Russell.

Joseph Lasala, 151 Hamburg Avenue, Brooklyn, N. Y.

Endorsed by Jos. G. Giambalvo and Charles E. Russell.

Benjamin Handel, 836 Flushing Avenue, Brooklyn, N. Y.

Endorsed by Jules S. Mith and Isador Dorfman.

By Alderman Bedell—

Milton Adolph Jentes, 230 West 99th Street, Manhattan.

Endorsed by Jacob M. Marcuson and Samuel J. Rawak.

Soldano Sacco, 64 West 101st Street, Manhattan.

Endorsed by Carmine A. Panaro and Emil E. Pascale.

Joseph B. Haviland, 2612 Broadway, Manhattan.

Endorsed by C. B. Graham and Henry P. Otis.

By Alderman Benninger—

Michael Rothenberg, 60 Wayne Street, Middle Village, Queens, N. Y.

Endorsed by Isidor Rein and Joseph A. Brandie.

George Banks, 363 Sandol Street, Glendale, Queens, N. Y.

Endorsed by B. H. Pendry and Alfred Bailey.

Adolph A. Merz, 962 Forest Avenue, Queens, N. Y.

Endorsed by Edgar Boissier and William Haehuel.

Albert J. Nienstedt, 165 Nevada Avenue, Queens, N. Y.

Endorsed by William R. Rust and Theodore Kiendl.

Oscar Perlstein, 37 Fulton Avenue, Middle Village, Queens, N. Y.

Endorsed by Solomon Smith and I. Cramer.

Lillian Saleska, 48 McCombs Place, Glendale, Queens, N. Y.

Endorsed by John Hollenbach and A. S. Benninger.

By Alderman Bosse—

George H. Leggett, 1742 West 10th Street, Brooklyn, N. Y.

Endorsed by William L. Judson and Geo. W. Cummings.

Walter W. Ite, 137 Bay 10th Street, Brooklyn, N. Y.

Endorsed by W. O. Jones and C. M. Pratt.

Joseph Fennelly, 1404 Avenue O, Brooklyn, N. Y.

Endorsed by Otto Henschel and Solma Braun.

Aaron Gross, 464 Neptune Avenue, Brooklyn, N. Y.

Endorsed by Isaac Blakeman and Jacob Elstein.

Benjamin Barondess, 1530 52nd Street, Brooklyn, N. Y.

Endorsed by David Queen and Herman Chaityn.

George W. Criss, 1931 Flatbush Avenue, Brooklyn, N. Y.

Endorsed by John K. Voorhees and James V. Schoonmaler.

Rodney T. Martinsen, 1424 75th Street, Brooklyn, N. Y.

Endorsed by J. J. Karby O'Kennedy and Wm. F. Haemer.

Frederick A. Drake, 534 East 9th Street, Brooklyn, N. Y.

Endorsed by George Hess and Charles Seested.

Clemens C. Kreder, 1621 54th Street, Brooklyn, N. Y.

Endorsed by Philip J. McEvoy and A. E. Hadlock.

Abraham M. Pariser, 6120 19th Avenue, Brooklyn, N. Y.

Endorsed by Henry M. Orenstein and Nathan B. Finkelsein.

John A. Connors, 1715 84th Street, Brooklyn, N. Y.

Endorsed by Thos. J. Connell and John J. Kennedy.

By Alderman Brush—

Anna Post, 498 Manhattan Avenue, Manhattan.

Endorsed by Henry H. Hunter and Gustave Morris.

Charles A. Windisch, 395 Manhattan Avenue, Manhattan.

Endorsed by Leo Feibel and Charles F. Levy.

John Thomas Coggins, 430 West 118th Street, Manhattan.

Endorsed by Edward D. Bryder and Lester S. Abberlen.

Charles A. Ormsby, 204 West 109th Street, Manhattan.

Endorsed by J. W. Eaton, Jr., and John J. Marks.

A. Robert Hornik, 606 West 113th Street, Manhattan.

Endorsed by Benjamin Davidson and Chas. A. Aronstein.

Barnet Abelow, 307 West 112th Street, Manhattan.

Endorsed by David Alulov and Samuel Aueloff.

Samuel Burgdorf, 240 West 116th Street, Manhattan.

Endorsed by John J. McDonald and Edwin M. Simpus.

By Alderman Burden—

Adrian J. Leddy, 1366 Plimpton Avenue, Bronx, N. Y.

Endorsed by Albert J. Eaton and C. A. Rozzel.

By Alderman Burns—

Israel W. Eisen, 39 Attorney Street, Manhattan.

Endorsed by Samuel Heiferling and Jacob Wishlock.

William Greenblatt, 37 Attorney Street, Manhattan.

Endorsed by Max Brown and Irving Weil.

By Alderman Chorosh—

Ben Golden, 226 West 122nd Street, Manhattan.

Endorsed by Louis A. Rosen and Jacob Burnstone.

Bessie Smith, 38 West 113th Street, Manhattan.

Endorsed by Isaac Steinhaus and William C. Rittenberg.

Pauline M. Brockman, 51 West 117th Street, Manhattan.

Endorsed by Max Muldusky and M. Herman Mandel.

Joseph Rosenthal, 200 West 126th Street, Manhattan.

Endorsed by Jacob N. Flowerman and Philip I. Khick.

Charles J. Dailey, 130 West 126th Street, Manhattan.

Endorsed by Fred Hulberg and Edw. Coe.

Abraham H. Brown, 123 West 112th Street, Manhattan.

Endorsed by Martin Wilhun and Abraham Cohen.

Henry M. R. Goodman, 14 West 117th Street, Manhattan.

Endorsed by Benjamin Gunner and Harry H. Oshrin.

Ab. H. Brown, 123 West 112th Street, Manhattan.

Endorsed by Hyman Turchen and Abraham Cohen.

Harry Kay Cornelius, 5 West 125th Street, Manhattan.

Endorsed by John Davis and James M. Betts.

By Alderman Crane—

Albert Van Damm, 129 Sherman Avenue, Manhattan.

Endorsed by Abraham M. Pariser and Chas. E. Ochs.

Harry Bloom, 825 West 179th Street, Manhattan.

Endorsed by Abraham H. Davis and Adolph Bangser.

Joseph A. Seidman, 804 West 180th Street, Manhattan.

Endorsed by Louis Scheer and Robert I. Meishein.

Leo J. Studley, 56 Fort Washington Avenue, Manhattan.

Endorsed by Eugene C. Bondy and Joseph M. Wiklen.

Frank J. McGillick, 711 West 180th Street, Manhattan.

Endorsed by Daniel Wildi and Benjamin Schwartzman.

Ralph C. Tobin, 25 Fort Washington Avenue, Manhattan.

Endorsed by Eugene McFinnish and Chas. H. Dohin.

Morris D. Bowers, 566 West 191st Street, Manhattan.

Endorsed by Richard B. Aldcraft and Joel S. Harris.

Stuart Clark Merwin, 736 West 181st Street, Manhattan.

Endorsed by C. A. Ackerman and Walter Cooney.

By Alderman Carroll—

Henry S. Guggenheim, 23 East 88th Street, Manhattan.

Endorsed by George M. Woolsev and Otto Munk.

Andrew Romaine Shiland, 107 East 57th Street, Manhattan.

Endorsed by Frederic J. Dennis and A. Pelham.



- C. Edw. De Rose, 1133 Park Avenue, Manhattan.  
Endorsed by John C. Heller and Frank L. Hall.
- Louis W. Osterweis, 17 East 87th Street, Manhattan.  
Endorsed by Chas. A. Houston and Emanuel M. Stendle.
- Edgar Williams, 30 West 65th Street, Manhattan.  
Endorsed by James J. Etchingham and F. D. Preston.
- Benuel H. Brumberg, 11 West 65th Street, Manhattan.  
Endorsed by Michael M. Lint and Abraham Leiner.
- Alfred Hague, 52 East 66th Street, Manhattan.  
Endorsed by Adolf C. Windelberg and Albert Mank.
- Josephine Thompson, 94 Concord Street, Manhattan.  
Endorsed by A. E. Colvin and Samuel Belfeld.
- By Alderman Colne—  
Clement Snow Jacobus, 92 Gates Avenue, Brooklyn, N. Y.  
Endorsed by Richard P. Kent and Geo. W. Bedel.
- John Jay Markel, 622 Sterling Place, Brooklyn, N. Y.  
Endorsed by Joseph A. Carr.
- Anna R. Bloomgarden, 232 Hewes Street, Brooklyn, N. Y.  
Endorsed by James C. Danzilo and Ellery O. Phillips.
- Thomas J. F. Coady, 304 Washington Avenue, Brooklyn, N. Y.  
Endorsed by Cecil L. Wahl and Martin J. Wilson.
- By Alderman Delaney—  
Louis J. Gold, 1626 Madison Avenue, Manhattan.  
Endorsed by Harry L. Berlinger and Jacob Mason.
- Harry L. Berlinger, 327 East 101st Street, Manhattan.  
Endorsed by I. A. Bloom and Chas. Japomon.
- By Alderman Diemer—  
Rose Gottlieb, 477 Van Buren Street, Brooklyn, N. Y.  
Endorsed by James H. Cross and J. F. Sullivan.
- Vivian Pracht, 780 Broadway, Brooklyn, N. Y.  
Endorsed by Chas. Brown and Alfred Bernheim.
- George W. Kuhn, 471 Willoughby Avenue, Brooklyn, N. Y.  
Endorsed by Wm. C. Boyer and W. C. Whiston.
- Harry L. Ratner, 355 Stockton Street, Brooklyn, N. Y.  
Endorsed by Julius Levine and Alcoe Klotz.
- By Alderman Dostal, Jr.—  
Jacob Leef, 190 2d Street, Manhattan.  
Endorsed by Nathan Leiblich and Sam Goldsaint.
- Hyman Ax, 135 East 3rd Street, Manhattan.  
Endorsed by Walter M. Friedland and Harry Kraus.
- Sidney Fertig, 46 St. Marks Place, Manhattan.  
Endorsed by A. Herman Friesner and Henry Hirschson.
- By Alderman Dowling—  
Nicolo Avv De Marco, 332 West 26th Street, Manhattan.  
Endorsed by Guido J. Giudici and Joseph Feinberg.
- James A. Starr, 430 West 23rd Street, Manhattan.  
Endorsed by Wm. Carter Crane and Wm. E. Loweters.
- By Alderman Ferguson—  
Anna K. Woll, 508 East 165th Street, Bronx, N. Y.  
Endorsed by Samuel Cohen and S. A. Tomback.
- By Alderman Ferrand—  
William H. Porter, 103 6th Avenue, Brooklyn, N. Y.  
Endorsed by Nathan F. O'Malley and James F. Nugent.
- Gustav Blaine Nissen, 150 Sterling Place, Brooklyn, N. Y.  
Endorsed by O. William Lorpp and Joseph E. L. Lunzmann.
- Thomas J. Kavanagh, 54 Fort Green Place, Brooklyn, N. Y.  
Endorsed by Joseph A. McMara and N. H. Pinto.
- By Alderman Fink—  
Hugo Mock, 218 Westervelt Avenue, New Brighton, S. I.  
Endorsed by Harry C. Adams and Jos. S. Weinberger.
- Benjamin Scaiano, 42 Sixth Avenue, New Brighton, S. I.  
Endorsed by Albert C. Fach and Frederick O. Vitt.
- By Alderman Gaynor—  
Frank Rapecis, 62 South 10th Street, Brooklyn, N. Y.  
Endorsed by Henry A. Pitman and Jerome Steiner.
- Henry J. Krinsky, 155 Ross Street, Brooklyn, N. Y.  
Endorsed by Abraham L. Berman and P. W. Rosen.
- Max H. Brown, 208 Penn Street, Brooklyn, N. Y.  
Endorsed by R. A. Sinn and Abraham Oppenheimer.
- By Alderman Hannon—  
Irving Lippman, 333 West 14th Street, Manhattan.  
Endorsed by Clarence W. McGuire and John J. Flaherty.
- By Alderman Hogan—  
Francis J. Cronin, 115 State Street, Brooklyn, N. Y.  
Endorsed by Philip V. Manning and M. F. Tuozzo.
- Albert A. Smith, 140 Remsen Street, Brooklyn, N. Y.  
Endorsed by William P. Hamilton and Nicholas E. Simonson.
- By Alderman Igstaedter—  
Julius Frederik Ohlmann, 601 West 139th Street, Manhattan.  
Endorsed by Louis Lorence and John Jorgensen.
- Earle W. Tuckerman, 607 West 137th Street, Manhattan.  
Endorsed by Alex. H. Engel and F. A. W. Ireland.
- Lulo Roescher, 611 West 136th Street, Manhattan.  
Endorsed by Jerome E. Jackson and L. Helmer.
- Clara M. O'Farrell, 604 West 140th Street, Manhattan.  
Endorsed by David J. Wagner and G. A. Alwin.
- By Alderman Jacobson—  
William Greenfield, 77 2nd Street, Manhattan.  
Endorsed by Louis Freidel and Jacob J. Jacobson.
- Antony Nekritz, 154 Henry Street, Manhattan.  
Endorsed by Charles Muskin and L. Saper.
- Angelo G. Guaggenti, 158 Chrystie Street, Manhattan.  
Endorsed by Harry Schapiro and Louis Freidel.
- William Honigman, 136 Rivington Street, Manhattan.  
Endorsed by Harry J. Callahan and John H. Courtney.
- By Alderman Kenneally—  
Angelis Angelopoulos, 284 Third Avenue, Manhattan.  
Endorsed by Peter Giacoumer and Louis Evers.
- By Alderman Kenney—  
Joseph Ventura, Jr., 295 Degraw Street, Brooklyn, N. Y.  
Endorsed by Joseph G. Mayo and John Saiarese.
- May F. Smith, 263 Carroll Street, Brooklyn, N. Y.  
Endorsed by Harry Rinsbard and Charles H. Adlard.
- Levi Blumenau, 161 Smith Street, Brooklyn, N. Y.  
Endorsed by G. F. Hahn and Adolph Freund.
- By Alderman Kochendorfer—  
Benjamin Marvin, Hollis Court Boulevard, Hollis, Queens, N. Y.  
Endorsed by Charles Taber and Israel H. Perskin.
- Louis J. Ripperger, 517 Ocean View Avenue, Woodhaven, Queens, N. Y.  
Endorsed by Gustav J. Schaefer and Anthony Moors.
- By Alderman Lein—  
Hugh J. Courtney, 140 East 31st Street, Manhattan.  
Endorsed by William J. Lamey and Raymond J. White.
- By Alderman Levy—  
Herman Spira, 36 McKibben Street, Brooklyn, N. Y.  
Endorsed by William Liebermann and William M. Russell.
- Phillip F. Levine, 17 Varet Street, Brooklyn, N. Y.  
Endorsed by Ralph Copland and Julius G. Harnet.
- By Alderman McCann—  
Jerome H. Buck, 347 West 55th Street, Manhattan.  
Endorsed by Sidney Newberg and Charles A. Voetsck.
- Adam T. Schneider, 766 11th Avenue, Manhattan.  
Endorsed by Ed. Bose and Alfred P. Moran.
- By Alderman McGarry—  
Charles F. White, 74 Diamond Street, Brooklyn, N. Y.  
Endorsed by F. S. Angell and Wm. C. White.
- By Alderman Milligan—  
Robert Hamilton, 1014 Nelson Street, The Bronx, N. Y.  
Endorsed by James G. Bisland and Douglas W. Bowden.
- Harold M. Drury, 2433 Valentine Avenue, The Bronx, N. Y.  
Endorsed by Edward J. Flynn and Philip J. Kearns.
- Heman B. Wilson, Jr., 80 West 174th Street, The Bronx, N. Y.  
Endorsed by Chas. E. Smith and Paul Crane.
- Marion R. Miley, 68 West 162nd Street, Bronx, N. Y.  
Endorsed by Samuel Greason, Jr., and Edgar J. Treacy.
- By Alderman Molen—  
Joseph C. Muir, 606 5th Avenue, Brooklyn, N. Y.  
Endorsed by Frank J. Heffernan and Edward F. Sullivan.
- By Alderman Chas. J. Moore—  
George Keiser, 150 Railroad Avenue, Brooklyn, N. Y.  
Endorsed by Patrick J. McGrath and John T. Dooling.
- David W. Couch, Jr., 108 Warwick Street, Brooklyn, N. Y.  
Endorsed by John H. Ives and Edward R. Vollmer.
- Samuel Lipkin, 131 Fountain Avenue, Brooklyn, N. Y.  
Endorsed by Barney Abramowitz and Samuel Flech, Jr.
- Louis Rogall, 326 Vermont Street, Brooklyn, N. Y.  
Endorsed by David B. Getz and Philip E. Feldman.
- David A. Ticktin, 390 Crescent Street, Brooklyn, N. Y.  
Endorsed by Julius Schwartz and Ben. Greenshan.
- Ferdinand A. Kraus, 51 Hendrix Street, Brooklyn, N. Y.  
Endorsed by Theodore Kiendl, Jr., and Frederick E. Beihl.
- John Francis Smith, 501 Ridgewood Avenue, Brooklyn, N. Y.  
Endorsed by James A. Nooney and John F. Coe.
- Max Zucker, 375 Ashford Street, Brooklyn, N. Y.  
Endorsed by Irwin J. Sikawitt and Morris Wiener.
- Francis L. Skelly, 446 Essex Street, Brooklyn, N. Y.  
Endorsed by Frank A. Spencer, Jr., and Robert J. Cuthane.
- By Alderman Frank Mullen—  
Lester W. Laird, 347 West 141st Street, Manhattan.  
Endorsed by Martin P. Lodge and William J. Maroney.
- Max Greenbaum, 518 West 145th Street, Manhattan.  
Endorsed by Frank Dotzler and John S. Gaynor.
- Walter Sheridan, 247 West 145th Street, Manhattan.  
Endorsed by Milton Gladstone and Joseph J. Jacobs.
- By Alderman James F. Mullen—  
David Batt, 1 East 119th Street, Manhattan.  
Endorsed by Jacob Cash and Leopold Moschowitz.
- Harry Svdnew Reiter, 4 East 117th Street, Manhattan.  
Endorsed by Abraham Karp and Louis Bendheimer.
- Joseph R. Schwartz, 1365 5th Avenue, Manhattan.  
Endorsed by Thos. R. Carobine and Joseph Lelyveld.
- By Alderman O'Rourke—  
Lawrence N. Widdecombe, 7 Castleton Park, St. George, S. I.  
Endorsed by Fred. T. Mullen and G. Stake.
- By Alderman Ottes—  
Hyman Jackel, 424 East 86th Street, Manhattan.  
Endorsed by Joshua Babcock and Siegfried S. Borehart.
- William D. Murphy, 1686 Second Avenue, Manhattan.  
Endorsed by Arthur J. Cassidy and Joseph P. Trainor.
- John Stephens Slattery, 551 East 86th Street, Manhattan.  
Endorsed by Philip Lindeman and Warren C. Fielding.
- Max Jackel, 424 East 86th Street, Manhattan.  
Endorsed by Max Bobker and Adolf Hallander.
- By Alderman Pendry—  
Chauncey P. Williamson, 1100 Madison Street, Brooklyn, N. Y.  
Endorsed by Wm. H. Stryker and Bryant H. Pendry.
- By Alderman Post—  
Robert Price Bell, 1847 ——— St., Kissena Park, Flushing, Queens.  
Endorsed by Granville H. Turner and Lawrence B. Hallerav.
- By Alderman Quinn—  
Harriet Robinson, 1947 Broadway, Manhattan.  
Endorsed by John L. Miller and Abram G. Lansing.
- Walter B. Solinger, 150 West 79th Street, Manhattan.  
Endorsed by L. V. Rothschild and S. Strasberger.
- By Alderman Robitzek—  
Morris Blostein, 767 East 160th Street, Bronx, N. Y.  
Endorsed by David Harris and Nathan Z. Morris.
- Michael F. Fox, 2392 Valentine Avenue, Bronx, N. Y.  
Endorsed by Frank D. Allen and Henry J. Smith.
- Joseph Nesi, 1569 Southern Boulevard, Bronx, N. Y.  
Endorsed by Martin Gollubur and Louis Cella.
- John George Metz, 668 East 179th Street, Bronx, N. Y.  
Endorsed by Milton G. Buchdahl and Austin N. Odeal.
- Walter Nicholas Friedrich, 1529 Bryant Avenue, Bronx, N. Y.  
Endorsed by John Harnett and T. J. O'Connell.
- Murray Max Flanders, 906 Simpson Street, Bronx, N. Y.  
Endorsed by Samuel S. Friedman and O. L. Hyda.
- William Abramson, 978 Union Avenue, Bronx, N. Y.  
Endorsed by Max Aderbaum and Wm. L. Schwartz.
- Peter Alpern, 827 Union Avenue, Bronx, N. Y.  
Endorsed by Abraham M. Pariser and William Abramson.
- Harry A. Posner, 1138 Longfellow Avenue, Bronx, N. Y.  
Endorsed by Charles Linsherz and Abraham I. Smolens.
- Kathleen J. Smith, 1536 Vyse Avenue, Bronx, N. Y.  
Endorsed by David C. Broderick and John McCall.
- Gertrude Brand, 879 Kelly Street, Bronx, N. Y.  
Endorsed by Benj. P. Alexander and Jacob Levy.
- Max Horowitz, 934 Longwood Avenue, Bronx, N. Y.  
Endorsed by Milton M. Goldsmith and E. Lewis Jacobs.
- Abraham A. Kantor, 1157 Longfellow Avenue, Bronx, N. Y.  
Endorsed by T. Edward Colby, Jr., and Max Piermont.
- Abraham M. Gladstone, 1392 Boston Road, Bronx, N. Y.  
Endorsed by Herman H. Levy and Benjamin Levy.
- William E. Brooker, 1699 Clay Avenue, Bronx, N. Y.  
Endorsed by Frank E. Holahan and Charles Meyer.
- Sarah Hersh, 970 Union Avenue, Bronx, N. Y.  
Endorsed by Leon Schafran and Harry N. S. Selvage.
- By Alderman Rosenblum—  
Isaac Allen, 349 Stone Avenue, Brooklyn, N. Y.  
Endorsed by Isaac Sargent and Marshall Snyder.
- Delia Jacobs, 177 Christopher Street, Brooklyn, N. Y.  
Endorsed by Morris Jacobs and Benjamin Friedman.
- Abraham Stein, 1581 St. Marks Avenue, Brooklyn, N. Y.  
Endorsed by Abraham Neperowitz and Samuel Colien.
- Ellis James Lehman, 35 Buffalo Avenue, Brooklyn, N. Y.  
Endorsed by H. C. Buckhout and Frederick A. Baker.
- Florence Silverman, 1152 Eastern Parkway, Brooklyn, N. Y.  
Endorsed by Morris Rothenberg and Jacob Panken.
- William Adelstein, 304 Dumont Avenue, Brooklyn, N. Y.  
Endorsed by Lazarus L. Druce and Frank Nemzer.
- Samuel Y. Gitlin, 1850 Park Place, Brooklyn, N. Y.  
Endorsed by William Jacobs and Allen M. Abrahamham.
- By Alderman Schmelzel—  
Charles S. Conklin, 44 West 56th Street, Manhattan.  
Endorsed by Wm. Rowe and Joseph W. Cleary.
- By Alderman Schweickert—  
Gustav Felbeck, Jr., 622 East 223rd Street, Bronx, N. Y.  
Endorsed by H. W. Bell and Roderich Stephens.
- Peter F. Herrman, 641 East 241st Street, Bronx, N. Y.  
Endorsed by William W. Penfield and Abram H. Lawson.
- By Alderman Smith—  
Roy Felix Stahlberg, 181 Van Buren Street, Brooklyn, N. Y.  
Endorsed by Arthur G. Hanson and P. Herbert Zornow.



- Frank N. Lang, 418 Greene Avenue, Brooklyn, N. Y.  
Endorsed by Alex. McKinny and Gerald B. Van Wart.  
Louis I. Grimes, 199 Hancock Street, Brooklyn, N. Y.  
Endorsed by J. Howard Ashfield and Chas. Haviland.  
Charles S. Day, 113 McDonough Street, Brooklyn, N. Y.  
Endorsed by Maurice D. Cadman and H. W. Rodgers.  
Walter Alfred Stover, 254 Lexington Avenue, Brooklyn, N. Y.  
Endorsed by Robert H. Woody and Norman Hewitt.
- By Alderman Squiers—  
Siegmond Rosenthal, 259 Albany Avenue, Brooklyn, N. Y.  
Endorsed by Samuel L. Judelooker and John LaBarbier.  
Augustus J. Koehler, 152 Lenox Road, Brooklyn, N. Y.  
Endorsed by William Brummer and Daniel F. Kiely.  
Abraham Lincoln Pitinger, 705 St. Marks Avenue, Brooklyn, N. Y.  
Endorsed by E. S. Wills and George Chrishoffers.  
George J. Hesterberg, 59 Linden Avenue, Brooklyn, N. Y.  
Endorsed by Matthew V. O'Malley and J. McCay Gray.  
Henry William Mehrtens, 2611 Avenue D, Brooklyn, N. Y.  
Endorsed by Fred G. Roes and Wm. C. Dieckmann.  
Gilbert Lloyd, 55 Ocean Avenue, Brooklyn, N. Y.  
Endorsed by Lawrence J. Delaney and John G. Lloyd.  
William P. Legatt, Jr., 412 Ocean Avenue, Brooklyn, N. Y.  
Endorsed by Jacob Weil and Joseph H. Hobby.  
Harry A. Gair, 1939 Bergen Street, Brooklyn, N. Y.  
Endorsed by Benj. Serim Fein and Wm. A. Schacht.  
Arthur F. Marcey, 35 Grant Square, Brooklyn, N. J.  
Endorsed by Philip J. McEvoy and George Jacobs.  
William J. McEvoy, 186 Lefferts Avenue, Brooklyn, N. Y.  
Endorsed by Thomas J. Murray and Edward P. Hamilton.  
Thomas B. Gilchrist, 9106 Ridge Boulevard, Brooklyn, N. Y.  
Endorsed by Charles E. Hughes, Jr., and C. Raymond Bentley.
- By Alderman Stapleton—  
Louis Minore, 35 Market Street, Manhattan.  
Endorsed by Patrick S. Toner and J. Henry Sinbeck.
- By Alderman Stevenson—  
Sadia Davis, 114 Sarfield Place, Brooklyn, N. Y.  
Endorsed by Marcus E. Joffe and John W. Brainsby.
- By Alderman Taylor—  
Robert P. Lattimore, 511 McDonough Street, Brooklyn, N. Y.  
Endorsed by Harry E. Howard and Frederick B. Watkins.  
Gustave Vogel, 599 Monroe Street, Brooklyn, N. Y.  
Endorsed by Jacob S. Strohl and Frank H. Bennett.  
Gertrude Belgard, 887 Jefferson Avenue, Brooklyn, N. Y.  
Endorsed by Arthur Smith and Henry Manheld.  
Doane S. Guardenier, 359 Stuyvesant Avenue, Brooklyn, N. Y.  
Endorsed by Matthew I. Riley and Joseph J. Natscher.
- By Alderman Taylor—  
Francis E. Meyers, 472 Summer Avenue, Brooklyn, N. Y.  
Endorsed by Percy H. Baldwin and F. R. Fisher.
- By Alderman Trau—  
Joseph Morris, 119 East 118th Street, Manhattan.  
Endorsed by Joseph R. Salor and Samuel Lobenthal.
- By Alderman Valentine—  
William Joseph Purcell, 633 61st Street, Brooklyn, N. Y.  
Endorsed by Daniel E. Buckley and John Cahill.  
Aaron Bearman, 576 73rd Street, Brooklyn, N. Y.  
Endorsed by Harry E. DeMille and Bradley S. Kochfeller.  
Philip G. Mandell, 5624 4th Avenue, Brooklyn, N. Y.  
Endorsed by James J. Jacobs and Louis W. Haul.  
Rae Jacobs, 1162 56th Street, Brooklyn, N. Y.  
Endorsed by Samuel C. Daird and Philip Haas.  
Andrew T. Burke, 662 61st Street, Brooklyn, N. Y.  
Endorsed by Wesley H. Black and John Walsh.
- By Alderman Weil—  
John Herbert Story, 2260 Ryer Avenue, Bronx, N. Y.  
Endorsed by Robert H. Brennon and G. E. Goodell.
- By Alderman White—  
Donato DiSera, 114 Mulberry Street, Manhattan.  
Endorsed by Anthony Giura and Crescenzo Coggiano.
- By Alderman Wilmot—  
Agatha F. Breslin, 3274 Decatur Avenue, Bronx, N. Y.  
Endorsed by Wilfred A. Dale and James E. McGuire.

The Vice-Chairman put the question whether the Board would agree to adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—53.

At this point the Vice-Chairman called Alderman Diemer to the chair.

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Position of Assistant Engineer in the Department of Health.**

The Committee on Salaries and Offices to which was referred on September 21, 1915 (Minutes, page 239), the annexed resolution in favor of establishing the grade of Assistant Engineer in the Department of Health, at \$2,400 per annum, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed position to be necessary in this department to supervise the construction and repair work constantly under way at the various hospitals under its jurisdiction, and it regards the proposed salary as moderate for the services to be rendered.

It, therefore, recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held August 26, 1915:

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 Health of the grade of position, in addition to those heretofore established, as follows:

	Rate Per Annum.	Incumbents.
Assistant Engineer .....	\$2,400 00	One

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.

W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Chairman pro tem. put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Colne, Crane, Delaney, Diemer, Dostal, Dotzler, Dowling, Dujat, Eagan, Eichhorn, Ferrand, Gaynor, Hannon, Hogan, Igstaedter, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, Milligan, Molen, Moore (Chas. J.), Mullen (Frank), Nugent, Ottes, Robitzek, Rosenblum, Smith, Squiers, Stapleton, Stevenson, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borg-

stede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; and President Marks—52.  
Negative—Aldermen Dixon, Ferguson and Quinn—3.  
No. 730 (Int. No. 2095).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grades of Position of Secretary to the President and Examiner in the Office of the President of the Board of Aldermen.**

The Committee on Salaries and Offices to which was referred on October 5, 1915 (Minutes, page 33), the annexed resolution in favor of establishing two grades of positions, Secretary to President and Examiner, in the office of the President of the Board of Aldermen, respectfully

**REPORTS:**

That this is an increase of \$600 per annum for the Secretary to the President, and a change of title without change of compensation of the Legislative Secretary to Examiner. As the President proposes to drop an Examiner at \$3,500 at the end of 1915, the proposed increase will come well within the appropriation.

The Committee recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held October 1, 1915:

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 Board of Aldermen of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate per Annum.	Number of Incumbents.
Secretary to the President.....	\$3,600 00	One
Examiner .....	3,000 00	One

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.

W. W. COLNE, EDWARD B. VALENTINE, JACOB WEIL, MICHAEL CARBERRY, EDWARD EICHHORN, CHARLES DELANEY, Committee on Salaries and Offices.

The Chairman pro tem. put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Brush, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Dotzler, Dowling, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McGarry, Milligan, Moore (Chas. J.), Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—60.

**ORDINANCES AND RESOLUTIONS.**

No. 2131.

**Resolution Appointing Various Persons Commissioners of Deeds.**

By the President—

Resolved, That the following named persons be and the same are hereby appointed Commissioners of Deeds:

By Alderman Bartscherer—

Bertrand Ettinger, 74 Beaver Street, Brooklyn, N. Y.

Endorsed by Harry Diemer and Jacob B. Lindner.

By Alderman Bedell—

David C. Hirsch, 312 West 93d Street, Manhattan.

Endorsed by Jacob A. Cantor and John F. McIntyre.

By Alderman Benninger—

Hugo Kestler, 121 N. Summerfield Ave., Queens.

Endorsed by Jacob Joffe and Charles Adler.

By Alderman Bosse—

Pierrepoint Davenport, 1215 West Street, Brooklyn, N. Y.

Endorsed by Dorville S. Coe and Clarence F. Corner.

Isaac Cohen, 1267 East 10th Street, Brooklyn, N. Y.

Endorsed by Emanuel Simon and Tobias Lesser.

By Alderman Brush—

Arthur G. Basch, 348-50 West 118th Street, Manhattan.

Endorsed by Maxwell Rubin and Charles P. Robinson.

Charles A. Charlesworth, 840 West End Avenue, Manhattan.

Endorsed by John J. O'Brien and James F. Lynch.

By Alderman Burns—

Irwin Schlanger, 105 Ridge Street, Manhattan.

Endorsed by Nathan Nadel and Jacob Kopler.

Jacob J. Brown, 460 Grand Street, Manhattan.

Endorsed by Saml. Manheimer and George F. Alt.

By Alderman Carberry—

Josephine Thompson, 94 Concord Street, Brooklyn, N. Y.

Endorsed by A. E. Colvin and Samuel Beller.

By Alderman Carroll—

Albert Blumensteil, 108 East 60th Street, Manhattan.

Endorsed by M. M. Blumenthal and I. Lincoln Seide.

By Alderman Chorosh—

Herman Roth, 2370 7th Avenue, Manhattan.

Endorsed by T. Philip Hornsey and Morris Schwartz.

Irving Simon, 23 West 120th Street, Manhattan.

Endorsed by Herman Asher and Herman Gettner.

Philip Rosenfeld, 303 West 122nd Street, Manhattan.

Endorsed by Sydney Rosenfeld and Max Simons.

Morris E. Gossett, 121 St. Nicholas Avenue, Manhattan.

Endorsed by Michael C. Dugrosh and Harry Kaufman.

By Alderman Crane—

Jennie Schoen, 500 West 176th Street, Manhattan.

Endorsed by William C. Simonfeld and Moses Altmann.

Ann Tulury, 3800 Broadway, Manhattan.

Endorsed by James P. Goldman and Wm. F. Unger.

Maxim Kneitel, 835 West 179th Street, Manhattan.

Endorsed by Chas. J. Lane and N. Howard Pinto.

Bernard St. John Ackermann, 3694 Broadway, Manhattan.

Endorsed by Henry Lissmann and William F. Kissick.

Morris Quasha, 227 Audubon Avenue, Manhattan.

Endorsed by S. Edward Ginsberg and Henry C. Price.

By Alderman Cunningham—

William F. Connell, 211 Congress Street, Brooklyn, N. Y.

Endorsed by A. H. Goetting and Thomas F. Martin.

By Alderman Diemer—

Sara Dumont, 100a Sumner Avenue, Brooklyn, N. Y.

Endorsed by William Brunner and Patrick L. Ryan.

Samuel Lascher, 782 Broadway, Brooklyn, N. Y.

Endorsed by Adolph Hoffman and Henry Diemer.

Joseph W. Schwartz, 190 Stockton Street, Brooklyn, N. Y.

Endorsed by Henry Diemer and Fred Ross.

By Alderman Dixon—

Jacob Telsey, 32 Melrose Street, Brooklyn, N. Y.

Endorsed by Max Katz and Alfred Krisser.

By Alderman Dostal, Jr.—

Abraham S. Arnold, 57 Second Avenue, Manhattan.

Endorsed by John D. Stephanidis and Morris J. Goldin.

Louis Wolff, 120 East 3rd Street, Manhattan.

Endorsed by B. Rice and Gustav Lzivos.

By Alderman Dujat—

George Alexander, corner Thompson and Madison Aves., Queens.

Endorsed by Wm. G. Johnson and Vincent Keuna.



Angelo Mangano, 209 Corona Avenue, Corona, Queens.  
Endorsed by Jacob Portugalet and Paul Spanier.

By Alderman Eichhorn—  
Henry Van Holland, 273 Sumpter Street, Brooklyn, N. Y.  
Endorsed by William Stone and Tobias Goldstone.

By Alderman Ferrand—  
Catherine T. Martin, 54 South Elliott Place, Brooklyn, N. Y.  
Endorsed by George F. Shiebler and Jos. V. Sculley.

By Alderman Ferguson—  
Herman A. Dompf, 799 East 150th Street, Bronx, N. Y.  
Endorsed by Lewis Lafides and Alexander Kaplin.

By Alderman Hannon—  
Patrick J. McDonald, 80 Morton Street, Manhattan.  
Endorsed by Dean Nelson and William H. Dargneault.  
James A. Caffney, 8 Grove Street, Manhattan.  
Endorsed by Harry N. Ettinger and John F. McCall.

By Alderman Hogan—  
Charles W. Morhous, 385 Pacific Street, Brooklyn, N. Y.  
Endorsed by J. William McMahon and David M. Stone.

By Alderman Kenneally—  
Louis Sajeve, 603-605 East 14th Street, Manhattan.  
Endorsed by Rocco Babie and Harry Paul.

By Alderman Kochendorfer—  
Edwin C. Morsch, 4 Forest Parkway, Woodhaven, Queens.  
Endorsed by Marx Hereth and Charles Saenyer.  
Harry E. Smith, 4811 Beaufort Street, Richmond Hill, Queens.  
Endorsed by Oscar Jacobs and F. S. Stebbins.  
Joseph Charles Kirchmer, 510 Lincoln Ave., Richmond Hill, Queens.  
Endorsed by Warren H. Coomes and A. Oscar Bernstein.  
Kate A. LePage, cor. Woodhaven Ave. and University Pl., Woodhaven, Queens.  
Endorsed by Earl A. Gillespie and J. W. Montgomery.

By Alderman Levy—  
Charles Pearle, 600 Quincy Street, Brooklyn, N. Y.  
Endorsed by Ben. W. Slote and Harry Meyer.

By Alderman McNally—  
William Smith, 858 Beck Street, Bronx, N. Y.  
Endorsed by Herman J. Rubenstein and Jno. L. Bernstein.

By Alderman Mulligan—  
James T. Brady, 2676 Decatur Avenue, Bronx, N. Y.  
Endorsed by Chas. L. O'Reilly and John J. Flaherty.

By Alderman Moran—  
Edward J. Schick, 1857 Barnes Avenue, Bronx, N. Y.  
Endorsed by Timothy J. Kelly and S. Kopald.

By Alderman Chas. J. Moore—  
William G. Maue, 43 Miller Avenue, Brooklyn, N. Y.  
Endorsed by George W. Brickers and Herman N. Wagner.

By Alderman Frank Mullen—  
L. F. McLaughlin, 569 West 161st Street, Manhattan.  
Endorsed by L. S. Hume and John A. Ollehut, Jr.  
Leslie C. Ferguson, 601 West 144th Street, Manhattan.  
Endorsed by Frederick Bluchirt and M. E. Baird.  
William H. Caldwell, 281 Edgecomb Avenue, Manhattan.  
Endorsed by F. W. Fox and J. E. Peters.

By Alderman James F. Mullen—  
Samuel W. Kapelsohn, 9 East 117th Street, Manhattan.  
Endorsed by Joseph Levy and A. D. Riegel.

By Alderman Nugent—  
James W. Carew, 319 East 57th Street, Manhattan.  
Endorsed by Francis N. Boyle and James Duffy.

By Alderman Ottes—  
Jacob I. Horowitz, 316 East 87th Street, Manhattan.  
Endorsed by Morris Schneider and Alfred J. Wolff.

By Alderman Pendry—  
Philip Wirth, 247 Harmon Street, Brooklyn, N. Y.  
Endorsed by Abraham Mandelbaum and Edward Schiffmacher.

By Alderman Pouker—  
Ralph H. Switzer, 2121 Fifth Avenue, Manhattan.  
Endorsed by Andrew J. Smith and Jacob Shapiro.

By Alderman Post—  
Samuel D. Jones, 83 Bownes St., Flushing, Queens.  
Endorsed by Frank J. White and Florence Medcalf.

By Alderman Quinn—  
Dewitt H. Stern, 219 West 81st Street, Manhattan.  
Endorsed by Charles Gilmore and Moe Adelson.

By Alderman Robitzek—  
William R. Golden, 1162 Hoe Avenue, Bronx, N. Y.  
Endorsed by George H. Levine and Lawrence J. Serber.  
Harry A. Posner, 1138 Longfellow Avenue, Bronx, N. Y.  
Endorsed by Charles S. Sinsberg and Abraham I. Simolens.  
Louis Bertcher, 1987 Washington Avenue, Bronx, N. Y.  
Endorsed by Jacob W. Winkler and Richard M. Farries.  
Harry P. Miller, 705 Fairmont Place, Bronx, N. Y.  
Endorsed by John Boyle, Jr., and J. Clifford McChristie.  
John J. Burns, 1902 Marmion Avenue, Bronx, N. Y.  
Endorsed by Wallace S. Fraser and John F. Gehrken.

By Alderman Rosenblum—  
Max Storch, 102 Bristol Street, Brooklyn, N. Y.  
Endorsed by Philip F. Rosenberg and Joseph Schwartz.  
Philip F. Rosenberg, 1646 Eastern Parkway, Brooklyn, N. Y.  
Endorsed by Max Storch and Samuel Weiserman.  
Samuel Slonim, 513 Alabama Avenue, Brooklyn, N. Y.  
Endorsed by S. L. Friedman and Benjamin Friedman.

By Alderman Smith—  
John C. Brodsky, 26 Van Buren Street, Brooklyn, N. Y.  
Endorsed by John A. Manning and William P. Harvey.  
Frank G. Primrose, 317 Nostrand Avenue, Brooklyn, N. Y.  
Endorsed by Thomas J. Brennan and Lester W. Hill.  
Harold H. Seaton, 382 Macon Street, Brooklyn, N. Y.  
Endorsed by S. G. Betfer and C. Eleverniss.  
Albert F. Pink, 303 Putnam Avenue, Brooklyn, N. Y.  
Endorsed by Frank J. Bilfer and S. J. Betfer.

By Alderman Stevenson—  
Harry F. Ewald, 723 77th Street, Brooklyn, N. Y.  
Endorsed by Benjamin J. Canvas and Charles Gold.  
John J. Lee, 538 9th Street, Brooklyn, N. Y.  
Endorsed by Louis E. Stander and Peter A. Abeles.

By Alderman Squiers—  
Charles Lewis Camerik, 1411 Dorchester Road, Brooklyn, N. Y.  
Endorsed by Michael Alexander and Calman J. Ambrosy.  
Abraham A. Kotzen, 784 E. Parkway, Brooklyn, N. Y.  
Endorsed by Max M. Kotzen and William Wientraub.  
Thomas F. Reilly, 963 St. Johns Place, Brooklyn, N. Y.  
Endorsed by William A. Farren and Henry W. Simon.  
Chester Frank Richardson, 1041 Rogers Avenue, Brooklyn, N. Y.  
Endorsed by Louis E. Robert and A. B. Brainard.  
Harris Seglin, 810 Eastern Parkway, Brooklyn, N. Y.  
Endorsed by Wm. M. Benedict and Mary J. Hunter.  
Wurtele Marston, 2017 Caton Avenue, Brooklyn, N. Y.  
Endorsed by Wm. Bashell and Geo. E. Brower.  
George E. Brower, 1084 Park Place, Brooklyn, N. Y.  
Endorsed by Thomas J. Kelly and Wurtele Marston.  
Frank P. Lucke, 1353 Park Place, Brooklyn, N. Y.  
Endorsed by Alexander E. Wilcox and John B. Lew.  
Thomas Ware Maires, 672 Ocean Avenue, Brooklyn, N. Y.  
Endorsed by J. Hunter Lack and Samuel Evans Maires.  
Marguerite E. Rodd, 1235 Sterling Place, Brooklyn, N. Y.  
Endorsed by Harry E. Stam and Cyrus Miller.

Nathaniel F. Sprague, 2202 Avenue G, Brooklyn, N. Y.  
Endorsed by J. F. Ball and A. L. Mitchell, Jr.

By Alderman Taylor—  
Horatio Birdsall, 835 Quincy Street, Brooklyn, N. Y.  
Endorsed by James H. Horton and C. J. Tgvatue.

By Alderman Valentine—  
Peter E. Bennett, 242 Ovington Avenue, Brooklyn, N. Y.  
Endorsed by Oscar Stevenson and Ernest W. Schwab.  
Harry J. McCortley, 429 59th Street, Brooklyn, N. Y.  
Endorsed by Timothy J. Shea and Wm. H. Bogue, Jr.  
John O. Farrell, 74th Street, corner Narrows Avenue, Brooklyn, N. Y.  
Endorsed by J. F. Sullivan and Geo. H. Ott.

By Alderman Weil—  
Emily Battey, 2412 Webster Avenue, Bronx, N. Y.  
Endorsed by Frederick Cryer and Harry Lewis.

By Alderman Wendel, Jr.—  
Patrick McCormack, 420 West 45th Street, Manhattan.  
Endorsed by George H. Ott and J. F. Sullivan.  
Catherine E. Ryan, 350 West 51st Street, Manhattan.  
Endorsed by David A. Henderson and John J. Boylan.

By Alderman Wilmot—  
John H. Borger, 3285 Decatur Avenue, Bronx, N. Y.  
Endorsed by Edward A. von Arthur and Nicholas J. Eberhard.  
Mary F. Ryan, 3056 Albany Crescent, Bronx, N. Y.  
Endorsed by Frederic S. Marsell and David M. Neuberger.

The Chairman pro tem put the question whether the Board would agree to adopt said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Bosse, Burden, Burns, Carberry, Chorosh, Cole, Colne, Crane, Delaney, Diemer, Donnelly, Dostal, Dotzler, Dowling, Duggan, Dujat, Eagan, Eichhorn, Ferguson, Ferrand, Fink, Gaynor, Hannon, Hogan, Kenney, Kochendorfer, Lein, Levy, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Post, Pouker, Quinn, Robitzek, Rosenblum, Schweickert, Smith, Squiers, Stapleton, Stevenson, Taylor, Trau, Valentine, Weil, White, Wilmot; President Connolly, by James A. Dayton, Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks; the Vice-Chairman—63.

No. 2132.

#### Resolution of Protest Against Experimental Work by City Departments in the Borough of Queens.

By Alderman Benninger—  
Whereas, The City of New York, through its Department of Water Supply, Gas and Electricity, has made a change in the lighting system in parts of Queens County, and especially in the Sixty-seventh Aldermanic District, so that electric lights are now used in place of gas lamps; and

Whereas, Said change to electric lights has meant the installation throughout this district of thousands of large and ugly wooden poles, so that the beauty of the streets has been destroyed and the value of property depreciated; and

Whereas, The light supplied through the new system of electric lights is far inferior to the light supplied by the gas lamps, leaving parts of many blocks in darkness; and, whereas, in numerous cases the bulbs, being high above ground, shed their light in the tree branches so that only shadows are thrown to the street; and

Whereas, The service afforded by the electric lights is entirely unsatisfactory to the residents of the sections affected; and

Whereas, No complaint at all has been made of the gas lighting system which was in vogue until the installation of the electric lights, with the attendant ugly poles and dangerous wires; and, whereas, the gas lamps were entirely satisfactory to the taxpayers and residents; therefore be it

Resolved, That this Board recommend to the Department of Water Supply, Gas and Electricity that it find ways and means of making this change in the lighting system without using ugly wooden poles of such unnecessary size, but that it have used ornamental poles that shall not hurt the value of property and, in the event of the Department being unable to have ornamental poles used, it remove all the hideous poles and return to the gas lighting system; and be it

Resolved, That this Board recommend to the Department of Water Supply and all other City Departments that they cease using the Borough of Queens or parts of it as places to experiment and work out new ideas or suggestions, as was illustrated in the erection of the objectionable electric light poles.

Which was referred to the Committee on Water and Light.

No. 2133.

#### Proposed Ordinance Modifying Section 340 of the Sanitary Code.

By Alderman Bosse (by request)—  
Sec. 340. Bathing Establishment Regulated. Bathing suits shall not be hired, nor shall bathing establishments be maintained in the City of New York without a permit therefore issued by the Board of Health, nor shall any building or room therein be maintained and hired out as a robing or disrobing place for the purpose of bathing in public waters, or otherwise than in accordance with the terms of said permit and the regulations of said board.

Any person hiring, or offering to hire out, a room in violation of the foregoing action shall be punishable by a fine of \$25 for each offense, or by imprisonment not exceeding ten days.

Sec. 340A. The display of signs for hire or of renting of rooms for bathing purposes shall be presumptive evidence of a violation of the foregoing section.

Sec. 340B. Any person walking through a public or private walk or street in a bathing suit, either covered or uncovered by outer garments, a distance of 300 feet or more from the high water mark shall be punishable by a fine of \$25 or by imprisonment not exceeding ten days.

Which was referred to the Committee on General Welfare.

No. 2134.

#### Resolution to Authorize the Commissioner of Water Supply, Gas and Electricity to Furnish Water Supply at the Drinking Fountain Erected in Honor of the Late Major Barrett at Public Expense.

By Alderman Fink—  
Whereas, Relatives of the late Major Clarence T. Barrett of the Borough of Richmond are erecting, under permit of the President of the Borough, and donating to the public, a drinking fountain upon the plaza situated at the south of the Richmond Borough Hall and east of the St. George Public Library, upon plans approved by the Municipal Art Commission; and

Whereas, Application has been made for a supply of water from the City's mains for the maintenance of such fountain; be it

Resolved, That the Board of Aldermen of the City of New York does hereby authorize the Commissioner of Water Supply, Gas and Electricity to furnish such water supply at public expense.

Which was referred to the Committee on Water and Light.

No. 2135.

#### An Ordinance in Relation to Fire Extinguishing Appliances in Buildings in The City of New York.

By Alderman McNally (on behalf of the Committee on Buildings)—  
AN ORDINANCE in relation to fire extinguishing appliances in buildings in The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York, as follows:

Section 1. Article 28 of chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

##### ARTICLE 28.

##### Fire extinguishing appliances.

- Section 580. General provisions.
- 581. Standpipes.
  - [582. Perforated pipes.
  - 583. Pumps, elevator.
  - 584. Boiler rooms; protection against inundation.
  - 585. Inspections.]

§ 580. General provisions. *Except as otherwise specifically provided in this article or by any law or ordinance, all [All] buildings now existing or hereafter erected, [unless already provided with a 3-inch or larger vertical pipe, or hereafter to be erected, exceeding 150 feet in height,] shall be provided with [an auxiliary fire*



apparatus and appliances, consisting of water tank on roof or in cellar,] such tanks, standpipes, automatic sprinklers, hose, nozzles, wrenches, fire extinguishers, hooks, axes and such other appliances as may be required by and conforming to the rules of the fire commissioner, [department—all to be of the best material and of the sizes, patterns and regulation kinds used and required by the fire department] adopted or amended in the manner prescribed by this chapter for the rules of the superintendent of buildings.

§ 581. Standpipes. 1. When required. Standpipes, constructed and installed as hereinafter required, shall be provided.

a—in every building now existing and exceeding eighty-five feet in height, which is not already provided with a three-inch or larger standpipe;

b—in every building hereafter erected or altered to exceed eighty-five feet in height;

c—in every building exceeding ten thousand square feet in area; and,

d—in every theatre or opera house accommodating or arranged to accommodate more than three hundred persons.

2. Size. Standpipes hereafter placed in any building shall be not less than four inches in diameter for buildings or parts thereof not exceeding one hundred and fifty feet in height, not less than six inches in diameter for buildings or parts thereof exceeding one hundred and fifty feet, and not exceeding two hundred and fifty feet in height, and not less than eight inches in diameter for buildings or parts thereof exceeding two hundred and fifty feet in height.

3. Number and location. The number of standpipes in any building shall be such that all parts of each story are within the reach of at least one stream supplied by hose not exceeding one hundred feet in length. When a building requiring standpipes faces on more than one street, at least one standpipe shall be installed for each street front, provided that for intersecting street fronts one standpipe shall be sufficient for each intersection. So far as practicable standpipes shall be placed within stair enclosures; otherwise they shall be as near the stairs as possible. All standpipes shall extend from the lowest story to and above the roof.

4. Construction. All standpipes hereafter installed shall be constructed as prescribed by the rules of the fire commissioner and shall be provided with such outlets and equipped with such appliances as required by said rules. All standpipes shall extend to the street and shall be provided at or near the sidewalk with approved Siamese connections. When there is more than one standpipe in any building, all shall be cross-connected in an approved manner below the sidewalk level.

§ 581. Standpipes. 1. When requisite. In every building now erected, unless already provided with a 3-inch or larger vertical pipe, which exceeds 100 feet in height, and in every building hereafter to be erected exceeding 85 feet in height, and when any such building does not exceed 150 feet in height, it shall be provided with a 4-inch standpipe, running from cellar to roof, with 1 two-way 3-inch Siamese connection to be placed on street above the curb level, and with one 2½-inch outlet, with hose attached thereto on each floor, placed as near the stairs as practicable. If any of the said buildings extend from street to street, or form an L shape, they shall be provided with standpipes for each street frontage.

2. Construction. Standpipes shall be not less than 6 inches in diameter for all buildings exceeding 150 feet in height. All standpipes shall extend to the street and there be provided at or near the sidewalk level with the Siamese connections. Said standpipes shall also extend to the roof. Valve outlets shall be provided on each and every story, including the basement and cellar and on the roof.

§ 582. Perforated pipes. In such buildings as are used or occupied for business or manufacturing purposes there shall be provided, in connection with said standpipe or pipes, 2½-inch perforated iron pipes placed on and along the ceiling line of each floor below the first floor, and extending to the full depth of the building. Said perforated pipe shall be provided with a valve placed at or near the standpipe, so that water can be let into the same when deemed necessary by the firemen, or in lieu of such perforated pipes automatic sprinklers may be put in. When the building is 25 feet or less in width, 2 lines of perforated pipe shall be provided, and one line additionally for each 12½ feet, or part thereof, that the building is wider than 25 feet. A suitable iron plate with raised letters shall be fastened to the wall near said standpipes, to read: "This standpipe connects to perforated pipes in the cellar."

§ 583. Pumps; elevator. In every building described in § 581 of this article, a steam or electric pump and at least one passenger elevator shall be kept in readiness for immediate use by the fire department during all hours of the night and day, including holidays and Sundays. The said steam or electric pumps, if located in the lowest story, shall be placed not less than 2 feet above the floor level. All the wires and cables which supply power to the electric pumps shall be covered with fireproof material, or protected in such other manner as to prevent the destruction or damage of said cables and wires by fire.

§ 584. Boiler rooms; protection against inundation. The boilers which supply power to the passenger elevators and steam or electric pumps, if located in the lowest story, shall be so surrounded by a dwarf brick wall laid in cement mortar, or other suitable permanent waterproof construction, as to exclude water to the depth of 2 feet above the floor level from flowing into the ash pits of said boilers. When the level of the floor of the lowest story is above the level of the sewer in the street a large cesspool shall be placed in said floor and connected by a 4-inch cast-iron drain pipe with the street sewer.

§ 585. Inspections. All valves, hose, tools and other appliances provided for in this article shall be kept in perfect working order, and once a month the person in charge of said building shall make a thorough inspection of the same to see that all valves, hose and other appliances are in perfect working order and ready for immediate use by the fire department.]

Section 2. The provisions of this ordinance shall become effective three months after its adoption by the Board of Aldermen.

No. 2136.

#### An Ordinance Relating to Miscellaneous Requirements as to Buildings in The City of New York.

By Alderman McNally (on behalf of the Committee on Buildings).—  
AN ORDINANCE relating to miscellaneous requirements as to buildings in The City of New York.

Be It Ordained by the Board of Aldermen of The City of New York, as follows:

Section 1. Article 21 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

##### ARTICLE 21.

[Construction generally.]

- Section 440. Apartment houses and tenement houses.
- 441. Apartment houses, tenement houses and dwellings.
- 442. Cellars.
- 443. Partitions.
- 444. Studded-off spaces in walls.
- 445. Wainscoting.
- 446. Floor lights.
- 447. Pipes.
- 448. Gas appliances.
- 449. Bay, oriel and show windows.
- 450. Areas.
- 451. Vaults under sidewalks.]

Miscellaneous requirements.

- Section 440. Cellar ceilings.
- 441. Cellar floors.
- 442. Cellar partitions.
- 443. Waterproofing.
- 444. Floor lights.
- 445. Cutting beams.
- 446. Bay and show window construction.

§ 440. Apartment houses and tenement houses. 1. Fireproofing lower stories. Every non-fireproof building hereafter erected or altered for an apartment house or tenement house, 5 stories in height, or having a basement and 4 stories in height above a cellar, to be occupied by 1 or more families on any floor above the first shall have the first floor above the cellar or lowest story constructed fireproof in such manner as required in § 603 of this chapter. When any such non-fireproof building exceeding 5 stories in height or having a basement and 5 stories in height above a cellar has a store on the first story, the entire second story floor shall also be constructed fireproof.

2. Inclosure of halls and stairs. All non-fireproof apartment houses and tenement houses exceeding 5 stories in height, or having a basement and five stories in

height above a cellar, shall be constructed as in this section before described, and shall also have the halls and stairs enclosed with 12-inch brick walls. Eight-inch brick walls not exceeding fifty feet in their vertical measurement, may inclose said halls and stairs, and be used as bearing walls when the distance between the outside bearing walls does not exceed 33 feet, and the area between the said brick inclosure walls does not exceed 180 superficial feet.

3. Floors, stairs and ceilings. The floors, stairs and ceilings in said halls and stairways shall be made of iron, steel, brick, stone, tile, cement or other hard incombustible materials, excepting that the flooring and sleepers underneath the same may be of wood and the handrails of the stairs may be of hard wood, and the treads may be of oak not less than 1½ inches in thickness, provided that where such wooden treads are used the under side of the stairs shall be entirely lathed with iron or wire lath, and plastered thereon, or covered with metal. At least one flight of such stairs in each of said buildings shall extend to the roof, and be inclosed in a bulkhead built of fireproof materials. The said halls and stairways shall have a connecting fireproof hallway inclosed with suitable walls of brick or such other fireproof materials, including the ceiling in all cases, as may be approved by the superintendent of buildings, in the first story and extend to the street.

§ 441. Apartment houses, tenement houses and dwellings. 1. Fireproofed according to height. No non-fireproof apartment house, tenement house or dwelling house shall be hereafter erected more than 6 stories in height, nor exceed a height of 75 feet, unless such building has both the first and second story floors constructed fireproof, and then the height shall not be more than 7 stories nor exceed 85 feet in height. Fireproof apartment houses or tenement houses, if constructed entirely in accordance with the requirements of article 17 of this chapter for fireproof construction, may be erected to a height not to exceed 150 feet, but not more than 12 stories in height upon all streets and avenues exceeding 79 feet in width, and 125 feet, but not more than 10 stories in height upon all streets and avenues not exceeding 79 feet in width, but any such building, when exceeding 100 feet in height, shall be not less than 40 feet in width.

2. Fire-proof stairways. If any such building shall have a frontage exceeding 40 feet and exceeds 85 feet in height, it shall have at least two separate fireproof stairways accessible from each apartment, leading from the ground floor to the roof, one of which shall be remote from elevator shafts. The stairs from the cellar or lowest story to the fireproof floor next above, when placed within any such building, shall be located, when practicable, to the rear of the staircase leading from the first story to the upper stories and be inclosed with brick or stone walls, and such stairway shall be provided with self-closing fireproof doors at the top and bottom of said flight of stairs. When such stairway is placed underneath the first story staircase, it shall be constructed fireproof and be roofed over with fireproof material, and be also inclosed with brick walls, with self-closing fireproof doors at the top and bottom of said flight of stairs. When the stairs from the first story to the cellar or lowest story are located in an open side court, the door leading thereto from the first story may be placed underneath the staircase in the first story, and the strings and railings of such outside stairs shall be of iron, and, if the stairs be inclosed from the weather, incombustible material only shall be used for that purpose. No closet shall be constructed underneath the first story staircase, but the space thereunder shall be left entirely open and kept free from incumbrance; but this shall not prohibit the inclosing without openings the under portions of the staircase from the foot of the same to a point where the height from the floor line to the soffit of the staircase shall not exceed 5 feet.]

§ 440. Cellar ceilings. In any building hereafter erected, or altered so as to change its occupancy, except buildings occupied exclusively for residence purposes by one or two families, the wood beams over the cellar, or over the lowest story, if such story is more than half below the curb, or below the surrounding ground level when the curb level has not been established, shall be covered with metal lath and plaster, plaster board or other approved incombustible material.

§ 441. Cellar floors. In all buildings hereafter erected the cellar floor or any floor resting directly on the ground shall consist of 1:3:6 stone or cluder concrete not less than four inches thick.

§ 442. Cellars. 1. Ceilings. The ceilings over every cellar or lowest floor in every residence building more than 4 stories in height, hereafter erected, when the beams are of wood, shall be lathed with iron or wire lath and plastered thereon with 2 coats of brown mortar of good materials, or such other fireproof covering as may be approved by the superintendent of buildings.

2. Floors. The floor of the cellar or lowest story in every dwelling house, apartment house, tenement house, lodging house, hotel, workshop, factory, school, church, hospital and asylum hereafter erected, shall be concreted not less than 4 inches thick. Where wood floors are to be laid in such cellars or lowest stories, the sleepers shall be placed on top of the concrete.

3. Sewer connection. Before the walls of buildings are carried up above the foundation walls the cellar shall be connected with the street sewers. Should there be no sewer in the street, or if the cellars are below water level, or below the sewer level, then provision shall be made by the owner to prevent water accumulating in the cellars to the injury of the foundations.]

§ 442. Cellar partitions. In all fireproof buildings, except buildings occupied exclusively for residence purposes by one or two families, permanent partitions in the cellar, or in any story more than half below the curb, shall be constructed of incombustible materials, unless such partitions enclose only coal or wood bins and do not extend to the ceiling.

§ 443. Waterproofing. In all buildings hereafter erected, when in the judgment of the superintendent of buildings it is deemed necessary, the exterior walls below the ground level and floors below the curb level resting directly on the ground, shall be waterproofed in accordance with the rules adopted by the superintendent of buildings.

§ [446] 444. Floor lights. Floor lights [used for transmission of light to floors below] shall be constructed of metal frames and bars or plates, reinforced concrete or other approved incombustible materials. [and if] any glass in same measures more than [16] sixteen square inches, [the glass] it shall be provided with a mesh of wire either in the glass or under the same. [and the] Floor lights shall be of the same [proportional] strength as the floors in which they are placed. Glass shall not be less than three-quarters of an inch in thickness.

§ 445. Cutting beams. No beam shall be cut or pierced in any manner that would cause the beam to be of insufficient strength for its load.

§ 447. Pipes. 1. Installation. No gas, water or other pipe which may be introduced into any building shall be let into beams unless the same be placed within 36 inches of the end of the beam and in no building shall a pipe be let into a beam more than 2 inches in depth. All such pipes shall be installed in accordance with the rules and regulations prescribed by the superintendent of buildings.

2. Protection of ducts. All ducts for pipes, wires, and other similar purposes shall be inclosed on all sides with fireproof material, and the opening through each floor shall be properly fire-stopped.

§ 448. Gas appliances. All piping for gas supply shall be installed as prescribed in § 603 of this chapter. All gas brackets shall be placed at least three feet below any ceiling or woodwork, unless the same is properly protected by a shield; in which case the distance shall be not less than 18 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 5 inches in length, measured from the burner to the plaster surface or woodwork. Gaslights placed near window curtains or any other combustible material shall be protected by a proper shield.]

§ [449] 446. Bay [oriel] and show window [s] construction. Bay windows [oriel windows] and show windows [on the street front or side of any building may project not more than 1 foot beyond the building line and] that extend beyond the exterior walls, hereafter constructed or placed on any fireproof or non-fireproof building, shall be constructed of [such] incombustible materials and in such manner as will meet with the approval of the superintendent of buildings. [Any such window that does not extend more than 3 feet above the second-story floor of any dwelling house may be built of wood covered with metal.]

§ 450. Areas. All areas shall be properly protected with suitable railings or covered over. When areas are covered over, iron and glass combined, stone or other incombustible materials shall be used and supported on brick or stone walls, or on iron or steel beams.

§ 451. Vaults under sidewalks. In buildings where the space under the sidewalk is utilized, a sufficient stone or brick wall, or brick arches between iron or steel beams, shall be built to retain the roadway of the street, and the side, end or party



walls of such building shall extend under the sidewalk of sufficient thickness, to such wall. The roofs of all vaults shall be of incombustible material. Openings in the roofs of vaults for the admission of coal or light, or for manholes, or for any other purposes, if placed outside the area line, shall be covered with glass set in iron frames, each glass to measure not more than 16 square inches, or with iron covers having a rough surface, and rabbeted flush with the sidewalk. When any such cover is placed in any sidewalk, it shall be placed as near as practicable to the outside line of the curb. All vaults shall be thoroughly ventilated.]

Section 2. The provisions of this ordinance shall take effect three months after its adoption by the Board of Aldermen.

Which were severally referred to the Committee on Buildings.

The Chairman pro tem. announced that the Committee on Buildings would hold a public hearing on proposed ordinances Nos. 2135 and 2136, on Thursday, November 11, 1915, at 2 o'clock p. m.

No. 2137.

**An Ordinance to Amend Article 2 of Chapter 15 of the Code of Ordinances, Relating to "Location and Designation of Public Markets."**

By Alderman James F. Mullen—

AN ORDINANCE to amend article 2 of chapter 15 of the Code of Ordinances, relating to "location and designation of public markets."

Be it Ordained, by the Board of Aldermen of The City of New York, as follows:

Section 1. Article 2 of chapter 15 of the Code of Ordinances, relating to "location and designation of public markets," is hereby amended by adding at the end thereof a new section to read as follows:

§ 34. *Park avenue market. The westerly curb line of Park avenue, from 106th street to 116th street, in the Borough of Manhattan, is hereby declared to be a public market and shall be set aside for the purposes of peddling from push carts only during the pleasure of the board of aldermen and subject to regulation by the police department.*

Sec. 2. This ordinance shall take effect immediately.

Note—new matter in italics.

Which was referred to the Committee on Markets.

The Vice-Chairman moved that the Board do now adjourn, to meet again on Tuesday, November 9, 1915.

The Chairman pro tem. put the question whether the Board would agree with said motion.

Which was decided in the affirmative.

And the Chairman pro tem. declared that the Board stood adjourned until Tuesday, November 9, 1915, at 1.30 o'clock P. M.

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

**DEPARTMENT OF FINANCE.**

**WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE WEDNESDAY, OCTOBER 27, 1915.**

Below is a statement of warrants made ready for payment on the above date, showing therein the Department of Finance voucher number, the dates of the invoices or the registered number of the contract, the date the voucher was filed in the Department of Finance, the name of the payee and the amount of the warrant.

Where two or more bills are embraced in the warrant, the dates of the earliest and latest are given, excepting that, when such payments are made under a contract, the registered number of the contract is shown in the place of the second invoice date.

Where the word "final" is shown after the name of the payee, payment will not be made until thirty days after the completion and acceptance of the work, but all of the other warrants mentioned will be forwarded through the mail unless some reason exists why payment is to be made in person, in which event written notice will be promptly given to the claimant.

In making a written or verbal inquiry at this office for any of the above mentioned warrants, it is requested that reference be made by the Department of Finance voucher number.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
125170		10-21-15	New York Telephone Co.....	\$10 20
125169			George T. Hudson .....	11 35
122422	9- 4-15	10-14-15	Fred Aldridge .....	10 00
124148	8-31-15	10-19-15	Electric Construction & Supply Co....	97 55
124158			Central Express & Transfer .....	4 00
125223			L. V. Meehan .....	1 40
125224			C. D. Rhinehart .....	10 00
124785		10-20-15	Archibald McLean, Assistant Engineer	16 60
124783		10-20-15	J. G. Theban, Assistant Engineer ....	6 85
124733	9-30-15	10-20-15	The Mutual Towel Supply Co.....	2 34
124739			The Mutual Towel Supply Co.....	6 24
124735	9-17-15	10-20-15	Knickerbocker Ice Co.....	26 00
124736	9-22-15	10-20-15	Kanouse Mountain Water Co.....	4 20
124737			A. B. Bogart .....	2 40
124738	10- 8-15	10-20-15	Oscar H. Sholin .....	4 00
124740	9-24-15	10-20-15	The Petroleum Products Company...	8 00
124741	9-30-15	10-20-15	Agent and Warden of Clinton Prison..	15 00
124742	9-27-15	10-20-15	Stanley & Patterson.....	13 80
124743	10- 5-15	10-20-15	Howard & Morse.....	14 36
124744			Department of Correction .....	20 16
124750	10- 1-15	10-20-15	Bishop Gutta-Percha Co.....	22 50
124751	9-30-15	10-20-15	Egleston Brothers & Co.....	33 52
124749	10- 5-15	10-20-15	Stanley & Patterson.....	6 00
124740			The Petroleum Products Co.....	8 00
124747			John A. Roebing's Sons Co. of N. Y.	45 55
124759	9-30-15	10-20-15	Patrick J. Murphy.....	20 75
124757	10- 1-15	10-20-15	Chas. Madden .....	14 55
124746	8- 7-15	10-20-15	General Electric Co.....	58 85
124745	10- 5-15	10-20-15	A. F. Brombacher & Co.....	40 82
124729	9-25-15	10-20-15	A. J. & J. J. McCollum, Inc.....	10 00
124730	9-28-15	10-20-15	Geo. Pool & Son.....	5 10
124731	9-20-15	10-20-15	Pure Oil Co.....	4 00
124732	9-30-15	10-20-15	The Diamond Towel Supply Co.....	28 86
124780		10-20-15	J. A. Knighton .....	1 50
124789		10-20-15	Calvin I. Crocker .....	25
122306		10-14-15	Lee Tire & Rubber Co. of New York.	165 23
122307		10-14-15	Oriental Rubber & Supply Company, Inc.	306 20
122299	9-30-15	10-14-15	L. J. Kahn .....	110 00
124790		10-20-15	Calvin I. Crocker .....	35 06
133744	8-31-15		H. Hahnenfeld .....	7 45
124610	9- 8-15	10-20-15	John Simmons Co.....	3 50
124591	8-27-15	10-20-15	George Tiemann & Co.....	73 15
124608	9- 7-15	10-20-15	James T. Dougherty .....	22 40
124594	8-28-15	10-20-15	C. I. Tagliabue Mfg. Co.....	26 00
124601	9-18-15	10-20-15	The Frank Richard & Gardner Co....	28 49
123380	8-30-15	9-11-15	Wm Langbein & Bros.....	40 10
122022	6-24-15		S. F. Hayward & Co.....	52 00
124505	9-14-15	10-20-15	The Surgical Narcosis Supply Co....	10 00
7048		10-21-15	India Code .....	36 00
122021	7- 7-15	10-14-15	The Kny-Scheerer Co.....	105 25
122025	7-17-15	8-12-15	T H Adie .....	212 30
124924		10-20-15	N. Y. Telephone Co. ....	\$15 34

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
123008	9-24-15	10-15-15	Eugene H. Tower .....	\$5 20
123005		10-15-15	McAuliffe & Booth .....	25 40
123002		10-15-15	Thomas E. Cremins .....	9 70
123007	9-30-15	10-15-15	West Publishing Co. ....	78 00
122995	9-30-15	10-15-15	Tony Lo Squadro .....	2 00
122984	9-30-15	10-15-15	Great Bear Spring Co.....	1 20
122986		10-15-15	John W. Carpenter .....	1 00
7745				
124581		10-20-15	Nicholas Scaiano .....	\$51 00
124572		10-20-15	Frank W. Smith, Chief Clerk.....	318 46
124567		10-20-15	Berkshire Products Co., Inc.....	27 90
124571	9-30-15	10-20-15	Foster-Scott Ice Co. ....	22 50
124570	9-30-15	10-20-15	Richmond Ice Co. ....	2 30
124569	9-30-15	10-20-15	Elder & Wells .....	3 00
7478		10-20-15	John Konig .....	3 34
7477				
7476				
7475				
8084				
8085				
8049				
8050				
125104				
124169	10-14-15			
124919				
124921				
8046				
7973				
7978				
7979				
7982				
7460				
7976				
121721	9-22-15			
124109	10- 5-15			
124106	10- 9-15			
124117				
124119				
124104	10- 6-15			
124064				
124053	10- 1-15			
123653	9-28-15			
123650	10- 6-15			
123651	10- 1-15			
123652	10- 1-15			
123645	9-24-15			
123646	9-29-15			
123647	9-23-15			
123643	9-25-15			
123643				
123644	10- 1-15			
123648	10- 8-15			
123649	10- 5-15			
122579				
122579	7-23-15	8- 4-15		
122105	8- 3-15			
122108	8- 9-15			
122111	8-18-15	8-20-15		
122113	8-12-15	8-21-15		
122119	8- 3-15	8-28-15		
122120	8- 9-15			
121958				
121915				
121919				
121314				
121893	6-11-15			
122566	7-31-15			
123564				
121304				
122086	6- 8-15			
122051	8-28-15			
121990	7-21-15			
121977	8-30-15			
124404	8-28-15			
125087	6-26-15			
125086	6-11-15			
122010	6-21-15	8-17-15		
122003	8- 9-15			
123936	7-30-15			
123928	8-30-15			
123931	7-20-15			
123594	9- 3-15			
123596	7-27-15			
123583	8-11-15			
121244	8-24-15			
122562	8-17-15			
122567	8-10-15			
123593	9- 5-15			
124961	6- 2-15			
122077	7-14-15			
121957				
122117	8- 5-15			
121993				
122043	9-11-15			
122057	8-10-15			
122058	8-25-15			
121988	8-31-15			
121974	8-26-15			
121257	5-21-15			
121917				
121998	7-27-15			
122040				
4413				
41413				
41505				
42303				
43038				
38905				
42764				



Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
121997		10-14-15	Kroepke Plumbing & Heating Co.,....	546 00	124848	9-29-15	10-20-15	The Fairbanks Co. ....	2 18
122044	8-17-15	10-14-15	Title Guarantee & Trust Co., Assignee of T. F. Long.....	121 00	124866	9- 3-15	10-20-15	Jas. Thompson & Sons.....	8 96
122047	8-17-15	10-14-15	Moreland & Gibson .....	120 06	124867	8-31-15	10-20-15	Jas. Thompson & Sons.....	3 50
121973	8-20-15	10-14-15	Charles Schultz .....	410 00	124853	10- 1-15	10-20-15	Thomas McCormick .....	12 00
135534		10-14-15	The Germania Bank, Assignee of R. Solomon & Son, Inc.....	482 00	124855	9-16-15	42997 10-15-15	Park Laundry Co., Inc.....	2 00
122090			Edward E. Stapleton .....	815 00	124882	7-31-15	42782 10-20-15	Brooklyn Steamship & Hotel Supply Co. ....	56 29
122088	8-20-15	10-14-15	Atlantic Heating & Eng. Co.....	296 10	123843	8- 9-15	10-18-15	General Electric Co. ....	17 44
122085	8-11-15	10-14-15	John Gelshion .....	400 00	122318		43171 10-18-15	Swift & Co. ....	29 00
122101	8-13-15	10-14-15	S. F. Carlin .....	180 00					866 02
122097	9- 1-15	10-14-15	William D. Bailey .....	127 00	124566			<b>Commissioner of Jurors, Bronx County.</b> 10-20-15 New York Telephone Co.....	\$12 56
122100			Paul C. Taylor .....	150 00				<b>Commissioner of Jurors, Queens County.</b> 10-14-15 Long Island Star Publishing Co.....	\$232 00
122096	8-25-15	10-14-15	Gregg Brothers .....	120 09	122152	10- 7-15		<b>Law Department.</b> 10-14-15 I. & M. Steinberg .....	\$160 50
121899	8-30-15	10-14-15	Atlantic Decorating Co .....	455 36				10-14-15 Stevenson & Marsters .....	5 20
121898	9- 7-15	10-14-15	E. Crutchley Co.....	168 00	122270	10- 1-15		10-25-15 Evan Styles Potter, M. D.....	50 00
121896	8-16-15	10-14-15	G. P. Haynes, Assignee of E. Crutchley Co. ....	689 00	122264	9-30-15		10-25-15 May E. Pitts .....	40 00
121895	8-20-15	10-14-15	E. Crutchley Co. ....	203 00				10-25-15 Frank B. Sheridan .....	25 00
121996	7-19-15	8-10-15	William E. Mason .....	535 00	125172			10-21-15 New York Telephone Co.....	30 26
121892	8-16-15	10-14-15	William Kreisberg .....	315 00				<b>Bronx Parkway Commission.</b> 9-30-15 W. W. Leland Co., Inc.....	\$319 84
122046	8- 2-15	8-23-15	The Royal Co. of New York, Assignee of Herman Sacks Roofing & Contracting Co. ....	236 00	117128	4-21-15		<b>Department of Parks.</b> 10-13-15 Kuehn & Metz .....	\$101 00
121913	6-14-15	8-28-15	H. Gordon .....	134 00	121688	9-18-15		10-20-15 Leo Umanoff, Chief Clerk.....	50 00
122083	8-31-15	10-14-15	N. Frey .....	210 00	124949	10-18-15		10-14-15 James S. Barron & Co.....	119 69
121903	8-30-15	10-14-15	John Gelshion .....	424 00	122429	9-30-15	43273	10-25-15 E. B. Ackerman, D. V. S.....	12 50
122064	8-26-15	10-14-15	M. B. Stonhouse .....	225 00	124950			10-21-15 Harry F. Nimphius .....	7 00
122063	7-27-15	10-14-15	William Kroepke .....	144 00	7950			10-14-15 J. F. Murphy Lumber Co.....	1,069 65
121992	7-30-15	10-14-15	The Royal Co. of New York, Assignee of Herman Miller .....	250 00	122431	9- 7-15	42544	<b>Police Department.</b> 10-20-15 Francis McGee .....	4 20
122048	8-24-15	10-14-15	Lignum Carpenter Works .....	268 00	124874			10-20-15 George F. McGann .....	2 01
121982	6- 9-15	10-14-15	W. G. Hawthorne .....	143 00	124873			10-20-15 Bernard J. Devaney .....	2 01
121994	8-11-15	10-14-15	Fannie Krubiner, Assignee of A. Feigenbaum .....	248 00	124872			10-20-15 John L. Dawson .....	12 06
122000	8-16-15	10-14-15	George H. Beck & Sons.....	290 00	124869			10-20-15 Timothy J. McAuliffe .....	20 91
122104	5-27-15	8-23-15	The Royal Co. of New York, Assignee of Herman Sacks Roofing & Cont. Co. ....	261 50	124815	9-24-15		10-20-15 American Mason Safety Tread Co.....	75 62
121985	8- 5-15	8- 7-15	W. G. Hawthorne .....	378 00	124819	10- 5-15		10-20-15 Otis Elevator Co. ....	3 20
121959	42334	10-14-15	The Royal Company of New York, Assignee of Charles Williams.....	923 60	124870			10-20-15 Thomas E. O'Brien, Lieut. in Charge..	68 30
121963	40856	10-14-15	Ely J. Rieser .....	2,475 90	123663	9-10-15		<b>President of the Borough of Manhattan.</b> 10-18-15 Goodyear's India Rubber Selling Co..	\$48 00
122110			William Spence .....	535 30	123665			10-18-15 The Manhattan Rubber Mfg. Co.....	4 50
122112	8-28-15	10-14-15	William Hahn .....	163 00	123664	9-22-15		10-18-15 Agent & Warden of Sing Sing Prison	29 95
122116	8-28-15	10-14-15	M. D. Lundin .....	164 00	123680			10-19-15 The Realty Records Co.....	25 00
122011		8-24-15	Louis Guerr .....	135 00	124333	10- 1-15		10-21-15 Jacob Muller .....	3 05
122012	8-24-15	9- 1-15	Louis Guerr .....	112 00	125102	10-19-15		10-21-15 Alfred Ludwig, Superintendent.....	13 85
122017	8-23-15	10-14-15	D. L. Delaney, Inc.....	114 00	125101	10-19-15		10-21-15 Alfred Ludwig, Superintendent.....	125 65
122015	8-25-15	10-14-15	W. A. Leonard .....	176 00	125103	10-19-15		10-21-15 Alfred Ludwig, Superintendent.....	100 00
121906	8- 7-15	10-14-15	Jacob Herskowitz .....	412 00	124671	9-25-15		10-20-15 Indian Refining Co., Incorporated....	3 58
121910	8-23-15	10-14-15	Victor B. Hess .....	158 00	124672	9-24-15		10-20-15 Hirsch Electric Mine Lamp Co.....	5 00
121909	8-21-15	8-30-15	Frank Kiebitz .....	129 00	124673	9-27-15		10-20-15 Flexitallic Gasket Co.....	14 00
121908	8- 2-15	10-14-15	Haupt Paint & Hardware Co., Inc.....	267 00	122418		36930	10- 8-15 Lincoln, Steele, Fleming Co.....	365 34
121955	8-30-15	10-14-15	L. E. Atherton .....	142 00	122419		42365	10-14-15 J. Kresse Co.....	2,125 00
121914	7- 9-15	10-14-15	Greenhut-Siegel Cooper Co. ....	137 00	122420		40483	10-14-15 Patrick Reilly, assignee of Laconia Contracting Co., Inc.....	166 14
121961		42616	Jacob Herskowitz .....	111 00	122415	9-24-15	4771	10-14-15 Frederick Starr Contg. Co.....	521 75
121924	9-28-15	10-14-15	Hugh D. McGrane .....	600 00	122416	9-17-15	41774	10-14-15 Phoenix Sand & Gravel Co.....	583 73
122132	7- 3-15	41164	Dieges & Clust .....	127 50	123666	9-27-15		10-18-15 Eureka Fire Hose Manufacturing Co..	12 75
122148	8-20-15	41631	Albert S. Smith .....	264 00	123668	9-15-15		10-18-15 Candee, Smith & Howland Co.....	10 00
121967	7- 7-15	41343	Knickerbocker Supply Co.....	147 73	123672	9-21-15		10-18-15 Norton Door Check Co.....	3 60
121945	8-18-15	10-14-15	J. Friedman .....	798 00	123671	9-18-15		10-18-15 Wm. McDonagh & Sons.....	80 00
121947			S. Rovinsky .....	2,086 00	123670	9-21-15		10-18-15 Pittsburgh Plate Glass Co.....	82 00
121948	7-16-15	8-30-15	J. Kurzbach .....	1,000 00	123669	8-23-15		10-18-15 U. T. Hungerford Brass & Copper Co..	16 35
121950	8-20-15	8-28-15	H. Hanig .....	567 00	123674	9-18-15		10-18-15 The H. B. Smith Company.....	4 00
121954			J. Kurzbach .....	413 00	123673	9-24-15		10-18-15 Sibley-Pitman Electric Corporation....	72 48
121968	3-31-15	41126	McMullan Trucking Company.....	961 00	123676	9-21-15		10-18-15 Crandall Packing Co.....	15 36
121960	40019	10-14-15	Thomas E. O'Brien, Inc.....	2,755 80	123675	9-22-15		10-18-15 Maher & Flockhart.....	8 10
121916	43024	10-14-15	Alberene Stone Co., Assignee of Charles Williams .....	1,000 00	123677	9-24-15		10-18-15 John C. Eberle & Son.....	66
121916	43024	10-14-15	Charles Williams .....	440 00	123657			10-18-15 Johnson Service Company.....	10 41
121965	8-31-15	41611	The J. W. Pratt Co.....	1,191 72	123662	9-14-15		10-18-15 Casper Glass Co.....	5 00
121956	7-24-15	10-14-15	The Nelson Co., Inc.....	316 00	123656	9-21-15		10-18-15 Crandall Packing Co.....	63 53
122044	8-31-15	10-14-15	Arthur S. Gaynor Co.....	439 00	123658	9- 2-15		10-18-15 Nason Manufacturing Co.....	16 58
122016	7- 1-15	10-14-15	J. L. Fries .....	286 00	123659	9-24-15		10-18-15 Sibley-Pitman Electric Corporation....	28 75
122084	8-18-15	10-14-15	John Kolenik, Jr., & Co., Inc.....	121 00	123660	8-31-15		10-18-15 Vacuum Oil Company.....	14 51
121953	8- 7-15	8-19-15	H. Hanig .....	736 00	123661	9- 9-15		10-18-15 Vacuum Oil Co.....	43 50
123570	8-24-15	10-18-15	D. G. C. Valve Co.....	30 00	121851	8-26-15		10-13-15 Strauss & Co., Inc.....	12 00
123568	8-18-15	10-18-15	A. C. Laurence .....	57 24	123679			10-18-15 Harlem Contracting Co.....	8 61
123578	8- 9-15	10-18-15	Pratt & Lambert, Inc.....	40 50				<b>President of the Borough of The Bronx.</b> 10-14-15 United States Wood Preserving Co..	25 90
123579	8-12-15	10-18-15	Abraham & Straus .....	48 22	122398			10-14-15 The Barber Asphalt Paving Co.....	75 74
121949	8-17-15	10-14-15	A. Itzkowitz .....	45 50	122399	9-30-15		10-14-15 International Motor Co.....	396 30
122699	7-24-15	10-15-15	Robert Simpson .....	25 68	122388	8-20-15		10-14-15 Edison Pulverized Limestone Co.....	621 00
122710	7- 2-15	10-15-15	John Byrns .....	32 60	122400		43282	10-14-15 The Barber Asphalt Paving Co.....	313 97
122706	7-21-15	10-15-15	Michael Fogarty, Inc.....	31 00	122403		42794	10-14-15 The Barber Asphalt Paving Co.....	1,465 44
125158		10-21-15	Sidney Marrin .....	\$7 88	122401		42794	10-14-15 Calvin Tomkins .....	505 80
123703		10-13-15	John Palmieri and Louis H. Pink.....	330 09	122402	9-25-15	43280	10-14-15 Daniel J. Donelin .....	287 43
124926	10- 7-15	10-20-15	Betts & Betts.....	1 00				<b>President of the Borough of Brooklyn.</b> 10-19-15 Thomas M. De Laney.....	58 78
125157		10-21-15	Geo. W. Smith .....	8 00	124339	9-10-15		10-19-15 Detroit Cadillac Motor Car Co.....	2 20
124659		10-30-15	Beaver Engineering & Contracting Co..	279 40	124327	10- 6-15		10-19-15 Gowanus Kindling Wood Works.....	7 13
			<b>Fire Department.</b> 10-19-15 Harry McGill .....	\$22 07	124335	10- 5-15		10-19-15 Municipal Garage .....	9 68
121527	10-13-15	10-19-15	Great Bear Spring Company.....	1 50	124344	9-30-15		10-19-15 Royal-Eastern Electrical Supply Co..	1 56
124454	8-31-15	10-20-15	Knickerbocker Towel Supply Co.....	22 00	124337	9-30-15		10-19-15 Abraham & Straus .....	2 55
124455	9-30-15	10-20-15	Knickerbocker Ice Co.....	2 00	124338	10- 4-15		10-19-15 Abraham & Straus.....	6 75
124456	9-30-15	10-20-15	William F. Doyle, Veterinarian.....	11 55	124331	10- 4-15		10-19-15 Thomas M. De Laney, Inc.....	8 10
125385			Wm. F. Doyle, Veterinarian.....	12 90	124340	9-29-15		10-19-15 Michael D. Weyhrauch .....	17 00
125384			John P. Priol, Fire Marshal.....	81 00	124341	10- 7-15		10-19-15 Underwood Typewriter Co., Inc.....	2 00
125386					124332	10- 5-15		10-19-15 Municipal Garage .....	31 50
			<b>Department of Health.</b> 10-14-15 Edward West .....	\$191 19	124346	9-30-15		10-19-15 Municipal Garage .....	1 08
122309	8-31-15	42217	Sulzberger & Sons Co.....	926 71	124342	10- 7-15		10-19-15 Zachary P. Taylor .....	16 00
122317	9- 1-15	43167	L. R. Wallace .....	10,701 55	124343	10- 7-15		10-19-15 The Lufkin Rule Co.....	1 30
122320	3-18-15	43064	James A. Webb & Son.....	119 93	124328	10- 6-15		10-19-15 Nason Manufacturing Co.....	1 20
122353	8- 4-15	10-14-15	Caroline E. Whitcher .....	36 75	124330	9-30-15		10-19-15 Stevenson & Marsters, Inc.....	3 00
123226	9-21-15	10-15-15	P. Lawless' Sons .....	519 72	124329	10- 9-15	43138	10-19-15 B. Picone & Son.....	896 74
122311	6-30-15	42220	Shults Bread Co. ....	701 01	121885		33951	10-14-15 J. F. Cogan Co.....	14,360 75
122308	7-31-15	42785	Eidt & Weyand .....	1,092 97	122433		39966	10-14-15 John C. Schrade, Inc.....	1,688 53
122319	1- 4-15	43063	Metropolis Engineering Company.....	20 00	122432			<b>President of the Borough of Queens.</b> 10-20-15 Charles U. Powell, Engineer in Charge	\$239 57
123877	8-16-15	10-18-15	Lucius P. Brown .....	8 15	124914			10-20-15 William J. Casey, Chief Clerk.....	\$4 86
124854		10-20-15	John H. Oberle, M. D., Sant. Insp....	5 25	124907			10-15-15 The Hastings Pavement Co.....	82 52
124849	9-14-15	10-20-15	Nason Manufacturing Co.....	52 52	123110		32561	10-21-15 Seth W. Kelly .....	20 00
122315	8-31-15	42876	Knickerbocker Ice Co. ....	229 57	125316			10-21-15 John Striker .....	80 00
123205	9- 1-15	10-15-15	Anthony Krayer .....	17 74	125313			10-21-15 Madison Avenue Garage and Stables,	
123855	9- 9-15	10-18-15	Sulzberger & Sons Co.....	1 69	125314			James H. Connell, Prop.....	80 00
124858	8-11-15	10-20-15	Empire Rubber & Tire Co., Inc.....	8 84				10-21-15 Frank Fredericks .....	80 00
124859	8-24-15	10-20-15	E. Schoonmaker Co., Inc.....	9 09	125315		40639	10-21-15 Peace Bros. ....	703 50
124860	7-22-15	10-20-15	Hood Tire Co., Inc.....	15 80	122405		41150	10-14-15 Grimm Const. Co. ....	



Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
<b>Public Service Commission.</b>					124433	10- 9-15	10-20-15	Engineering Record .....	9 33
120779	8-30-15	10-11-15	J. J. Little & Ives Co.....	\$11 90	124424	10-13-15	10-20-15	Record and Guide .....	8 50
123456	9-27-15	10-16-15	E. Belcher Hyde .....	35 00	124288	10- 9-15	10-19-15	The J. W. Pratt Co.....	7 62
125740			The Schaefer Co.....	57 50	7449		10-14-15	M. F. Mitchell .....	450 00
<b>Department of Public Charities.</b>					122206		10-14-15	Charles M. Clark, Division Engineer..	137 94
121671	2-19-15	8-12-15	Department of Correction .....	\$473 37	124289		10-14-15	Underwood Typewriter Co., Inc.....	36 00
124562	8-23-15	10-20-15	Lee Tire & Rubber Co.....	20 00	124422		10-20-15	Catskill Mountain Telephone Co.....	3 55
120438		41610	New York Telephone Company.....	121 64	124297	10- 8-15	10-19-15	J. Pfister .....	4 15
126731		10-26-15	Angus P. Thorne, Supt.....	650 00	124293	7- 9-15	10-19-15	The Howe Scale Co. of N. Y.....	2 77
126570			Angus P. Thorne, Supt.....	620 00	124287	10- 6-15	10-19-15	Columbia Ribbon & Carbon Mfg. Co..	21 60
124536	8-26-15	10-20-15	A. P. W. Paper Co.....	6 65	124291	9- 4-15	10-15-15	Everett & Treadwell Co.....	49 08
124549	1-26-15	10-20-15	Bleeker & Simons .....	4 00	124419		10-20-15	Charles P. Berkey .....	31 13
122843			E. B. Latham & Co.....	96 27	124436		10-20-15	Geo. P. Wood .....	14 06
124511	8-18-15	10-20-15	H. T. Jarrett .....	6 69	124322	10- 1-15	10-19-15	A. P. Le Fevre.....	29 95
124512	8-19-15	10-20-15	F. A. Hardy & Co.....	1 00	124301	8-31-15	10-19-15	Lyman Smith .....	41 38
124513	8- 6-15	10-20-15	The Heyden Chemical Works.....	67 50	124300	10- 1-15	10-19-15	Shelley Bros. ....	22 50
124514			Hickey & Rogers .....	42 50	124435		10-19-15	H. C. Buncke, as Auditor.....	757 08
124517	7-31-15	10-20-15	Jamison, Semple Co.....	69 84	124326	10- 1-15	10-19-15	Mead & Taft Co.....	23 21
124500			St. Francis Hospital .....	18 00	<b>Department of Water Supply, Gas and Electricity.</b>				
122203			Westchester Fish Co., Inc.....	368 86	124245	9-23-15	10-19-15	The Manhattan Supply Co.....	\$15 84
122197	9- 4-15	10-14-15	Brooklyn Bridge Freezing and Cold Storage Co. ....	153 19	124240	9-24-15	10-19-15	Geo. N. Reinhardt & Co.....	25 27
122202	7- 8-15	9-16-15	Westchester Fish Co. ....	170 85	124269	10- 1-15	10-19-15	Frank J. Gryl .....	12 00
121662	3- 1-15	6- 1-15	J. T. McKinney .....	82 89	121775	8- 3-15	10-13-15	Detroit Cadillac Motor Car Co.....	157 70
<b>Sheriff, New York County.</b>					124252	9-30-15	10-19-15	K. Feist & Sons .....	2 40
123968			Max S. Grifenhagen .....	\$3 04	125123			Chas. D. Townsend, Collector of Taxes, Sch. Dist. No. 9, Town of Kent, Putnam County, N. Y.....	329 06
123969	7-14-15	8- 3-15	Eugene H. Tower .....	4 40	124244	9-14-15	10-19-15	Shaw-Walker Co. of N. Y.....	15 75
<b>Sheriff, Bronx County.</b>					124264	10- 1-15	10-19-15	M. J. Halloran .....	2 50
124219	10- 4-15	10-19-15	Harry J. McArdle, Inc.....	\$45 20	118743	8-27-15	10- 5-15	Meyer Scale & Hardware Co.....	60 50
124220			Fred. M. Schildwachter .....	7 28	126929		10-26-15	William Williams, Commissioner.....	500 00
124221			Sheffield Farms, Slawson, Decker Co..	5 40	124274	10- 1-15	10-19-15	Mrs. Elmira Reed .....	2 07
124222	10- 1-15	10-19-15	Gramatan Spring Water Co.....	7 20	124272	10- 1-15	10-19-15	Richmond Auto Tire Repair Co.....	4 20
124224	9-30-15	10-21-15	Chas. Sowa .....	23 48	124266	9-30-15	10-19-15	T. H. Tyrrell .....	27 50
125222			New York Telephone Co.....	13 14	124253		7- -15	President of the Borough of Richmond, Bureau of Highways.....	91 61
124231	9-30-15	10-19-15	Yale Towel Supply, Inc.....	2 75	124265			Daniel J. Haggerty .....	27 50
124237	10-15-15	10-19-15	Agent & Warden of Auburn Prison..	6 00	124238	9-23-15	10-19-15	Geo. N. Reinhardt & Co.....	25 43
124228	9-17-15	10-19-15	Adams, Flanagan Co.....	9 74	124248			Alfred Chatwin Supply Co.....	16 00
<b>Department of Taxes and Assessments.</b>					124247	9-27-15	10-19-15	S. E. T. Valve & Hydrant Co.....	44 10
123827	2- 1-15	10-18-15	The Realty Records Co.....	\$40 00	124239	9-23-15	10-19-15	Geo. N. Reinhardt & Co.....	25 26
123826			Henry Romeike, Inc.....	15 00	125280		10-21-15	Carpenter's Livery .....	86 00
<b>Tenement House Department.</b>					124263	10- 1-15	10-19-15	Thomas Morgan .....	27 50
123398	9-30-15	10-16-15	Kanouse Mountain Water Co., Inc....	\$34 50	124249	9-21-15	10-19-15	H. Mueller Mfg. Co.....	4 88
<b>Board of Water Supply.</b>									
124290	9- 1-15	10-19-15	The Columbia Towel Supply Co.....	\$3 50					
124432	10- 7-15	10-20-15	Engineering News .....	9 90					

## VOUCHERS RECEIVED IN DEPARTMENT OF FINANCE, WEDNESDAY, OCTOBER 27, 1915.

A statement is herewith submitted of all vouchers filed in the Department of Finance on this date, in which is shown the Department of Finance voucher number, the date of the invoices or the registered number of the contract, the name of the payee and the amount of the claim. Where two or more bills are embraced in one voucher the date of the earliest is given, excepting that when such vouchers are submitted under a contract the registered number of the contract is shown instead.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Date or Contract Number.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Date or Contract Number.	Name of Payee.	Amount.
<b>Art Commission.</b>				<b>Department of Correction.</b>			
127057	10-18-15	Jos. Hawkes .....	19 25	127308	8-11-15	Charles Heinsohn .....	252 00
127057	10-13-15	George N. Joyce .....	5 00	127309	9-15-15	Jos. D. Duffy .....	39 77
127058	9-30-15	New York Telephone Co..	9 69	127310	9-10-15	Jas. Curran Mfg. Co.....	34 00
<b>Department of Bridges.</b>				127311	8-31-15	M. Reidy .....	18 85
127318	42967	The Oil Marketing Co.....	252 18	127312	9-17-15	J. L. Hyde .....	64 00
<b>Bellevue and Allied Hospitals.</b>				127313	8-31-15	C. H. Zimmermann .....	12 00
127059	41101	Tascarella Bros. ....	455 14	127314	9- 1-15	Sternberg Motor Truck Co. ....	32 96
		Tascarella Bros. ....	2,580 26	127315	9- 9-15	Dept. Public Charities .....	42 00
127060	40900	H. T. Dakin .....	374 17	127316	8-31-15	Durand Steel Locker Co. ....	72 00
		H. T. Dakin .....	626 66	127317	9-22-15	J. B. Greenhut Co.....	58 00
127061	42942	Clarksburg Coal Mining Co.	934 83	127292	9- 3-15	Wilson Stamp Co.....	5 90
<b>Supreme Courts.</b>				127293	9-20-15	Jas. S. Barron & Co.....	2 00
127192		William A. Prendergast, Comptroller .....	512 50	127294	9-15-15	Hull, Grippen & Co.....	1 60
<b>County Clerk, New York County.</b>				127295	8-25-15	The Smith, Worthington Co. ....	10 00
127191		Wm. A. Prendergast, as Comptroller .....	61 19	127296	8-31-15	Municipal Garage .....	40 11
<b>County Clerk, Kings County.</b>				127297	7-28-15	J. B. Greenhut & Co. ....	6 16
127097	8-31-15	Great Bear Spring Co.....	29 70	127298	9- 8-15	Brooklyn Fire Brick Works .....	3 00
127098	9- 5-15	Patrick Dougherty .....	30 80	127299	8-13-15	E. F. Keating Co.....	2 10
127099	8-31-15	Clynta Water Co. ....	2 40	127300	7-31-15	E. B. Latham & Co.....	4 69
127100		Crescent Towel Supply Co..	6 50	127301	9- 2-15	Montgomery & Co., Inc. ....	60
127101	9- 1-15	The Banks Law Pub. Co....	6 50	127302	8-27-15	W. R. Ostrander & Co.....	5 86
127102	7-21-15	Legislative Index Pub. Co..	75 00	127303	8-11-15	Stanley & Patterson .....	16 42
127103		Charles S. Devoy .....	21 00	127304	9-16-15	Henry Frank, Jr. ....	18 42
127104		Charles S. Devoy .....	3 90	127305	9-18-15	Charles H. Heinsohn .....	9 00
<b>Board of City Record.</b>				127306	9-17-15	Nason Mfg. Co.....	8 80
127484	9-22-15	Clarence S. Nathan .....	54 54	127307	9-13-15	Clinton Wire Cloth Co.....	126 00
127485	10- 8-15	J. J. Little & Ives Co.....	73 40	127279	9-11-15	John F. Schmadeke .....	37 76
127486	9-22-15	Remington Typewriter Co., Inc. ....	35 75	127280	8-31-15	Kanouse Mt. Water Co.....	3 00
127487	9-21-15	The Herald Square Press ..	192 35	127281	9-16-15	The Tabulating Machine Co. ....	40 00
127502	10- 6-15	M. B. Brown P. & B. Co....	188 50	127282	8-31-15	Municipal Garage .....	36 48
127503	10-20-15	Underwood Typewriter Co. ....	13 60	127283	9-17-15	Wm. Elliott & Sons .....	2 90
127504		Harry Harris .....	8 00	127284	9- 2-15	Jas. S. Barron & Co.....	12 75
127505	10-13-15	The Brooklyn Daily Eagle..	47 74	127285	9-17-15	Nason Mfg. Co.....	3 00
127506	10-13-15	Clarence S. Nathan .....	758 25	127286	7-13-15	Standard Oil Co. of N. Y..	2 00
127507	9-22-15	Wm. Bratter & Co.....	4,408 00	127287	9-10-15	The Frank Richard & Gardner Co. ....	9 50
127508	10- 8-15	Tower Mfg. & Nov. Co.....	210 09	127288	9-13-15	The Smith, Worthington Co. ....	11 50
127490	9-28-15	E. G. Soltmann .....	9 00	127289	9-20-15	Curtis Garage Supply Co....	7 50
127491	9-23-15	The Trow Press .....	578 25	127290	8-27-15	Commercial Efficiency Co..	3 50
127492	9-30-15	Hitchings & Burdick .....	95 63	127291	9-14-15	Shaw, Walker Co. of N. Y..	63 00
127493	10-16-15	M. B. Brown P. & B. Co....	224 45	<b>District Attorney, Richmond County.</b>			
127494	10-20-15	The Evening Post Job Printing Office .....	462 67	127319		T. C. Vitt .....	2 03
127495	10-13-15	Koller & Smith Co.....	4 40	<b>District Attorney, New York County.</b>			
127496	9-30-15	Vacuo Static Carbon Co....	170 21	127175		Albert Thomas .....	17 00
127497	9-20-15	H. C. Davison & Co.....	100 00	127176		Chas. Picco .....	26 65
127498	10-14-15	The New York Bank Note Co. ....	202 52	127177		Bernard A. Flood .....	106 50
127499	9-28-15	Wm. F. Albers .....	28 25	127178	10-18-15	Frank Tourist Co. ....	340 80
127500	9-24-15	Tiebel Bros. ....	177 59	127179		Mrs. Ada O. Viall .....	14 50
127501	9-22-15	Clarence S. Nathan .....	1,883 80	127180	10-22-15	The American Law Book Co. ....	21 50
				127181		John J. Buckley .....	378 14
				127182	10- 8-15	Hotel St. George .....	111 15
<b>Board of Building Examiners.</b>				<b>Board of Elections.</b>			
127161		Tower Mfg. & Nov. Co.....	\$9 00	127120	10- 5-15	Melrose Taxi Co. ....	\$8 75
127120	10- 5-15	Taylor's Garage .....	15 00	127121	10-13-15	Tottenville Garage .....	4 60
127121	10-13-15	N. Y. Tel. Co.....	63 01	127105	4-13-88	N. Y. Tel. Co.....	67 96
127106	9-30-15	N. Y. Tel. Co.....	4 20	127106	9-30-15	Great Bear Spring Co.....	6 42
127107	9-30-15	Knickerbocker Ice Co. ....	300 00	127108		M. B. Brown P. & B. Co....	64 08
127109	10-15-15	R. H. Macy & Co.....	505 66	127110	9-24-15	Reiners & Gabay .....	49 10
127110	9-24-15	Reiners & Gabay .....	17 56	127111	10-14-15	E. Faulkner .....	48 39
127111	10-14-15	Reiners & Gabay .....	51 00	127112	10-21-15	I. Weissberger & Son .....	
127112	10-21-15	I. Weissberger & Son .....					
127113	10-15-15						
127114	10-14-15						
127115	10- 9-15						



Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.
127378	41871 Frank J. Felgenhauer Co., Inc.	7,347 00	127333	7-21-15 The Legislative Index Pub. Co.	150 00	127065	10- 5-15 Hurst Electrotype Co.	14 40
127379	40710 Edward Theriault	472 50	127334	10- 5-15 Art Metal Contrs. Co.	20 00	127066	8- 7-15 Irving-Pitt Mfg. Co.	215 48
127380	42124 Wm. Kreisberg	189 00		<b>Fire Department.</b>		127067	7- 2-15 Independent Consumers Ice Co.	87 20
127381	42730 Nicholas P. Lorenzo	157 00	127230	10- 7-15 Gavigan Constr. Co.	72 00	127068	10- 5-15 N. Y. Blue Print Paper Co.	2 42
127382	42587 Jas. J. Fay	480 00	127231	9-30-15 Reliable Garage	5 13	127069	9-28-15 Samuel Lewis	33 50
127383	42758 Wm. Kroepke	1,289 00	127232	8-31-15 Municipal Garage	26 19	127070	6-25-15 Colt Stratton Co.	2 10
127384	42756 Wm. E. Mason	499 00	127198	42937 Combination Ladder Co.	1,111 68	127071	10- 2-15 Fiske Bros. Refining Co.	73 57
127385	42756 Wm. E. Mason	400 00	127199	35757 Geo. F. Driscoll Co.	739 33	127072	9-28-15 Meder-Standt Co., Inc.	111 00
127386	42752 Louis Koenig	155 00	127200	36104 Mount Carmel Iron Works.	1,451 28	127073	10- 2-15 E. N. Little's Sons	24 75
127387	42752 Louis Koenig	301 50	127201	42954 J. W. Gateiger & Son	2,483 58	127074	10- 5-15 Conner-Fender & Co.	11 70
127388	42603 Philip Mittlemann	450 00	127202	43332 John Greig	410 28	127075	9-28-15 James S. Barron & Co.	19 56
127389	42603 Philip Mittlemann	435 00	127203	42970 Standard Oil Co. of N. Y.	21 13	127076	9-27-15 Rutherford Rubber Co.	146 94
127390	42603 Philip Mittlemann	97 00	127204	42037 H. T. Dakin	179 38	127077	9-28-15 F. N. Du Bois & Co.	7 50
127391	42291 August Wille, Jr.	569 00	127205	43287 Thomas C. Dunham, Inc.	143 34	127078	8- 3-15 East River Mill & Lumber Co.	556 73
127392	42470 Morris Cohen	466 00	127206	J. P. Kane Co.	27 00	127079	9-20-15 Arnold Levien Iron Works	22 60
127393	42470 Morris Cohen	351 00	127207	9- 8-15 The Electric Cable Co.	720 20	127080	9-27-15 Patterson Bros.	5 18
127394	42294 Atlantic Decorating Co.	237 50	127208	9-20-15 Fulton Blue Print Co.	4 24	127081	10- 8-15 Splittorp Electric Co.	1 13
127395	42292 Wm. Kreisberg	479 00	127209	9- 9-15 Knickerbocker Towel Sup. Co.	13 50	127082	9-17-15 Degnan Contr. Co.	75 00
127396	42312 M. Barash	556 00	127210	9-24-15 Crown Stamp Works	50	127083	10- 2-15 Andrew J. Goebel	50 00
127397	41148 Sam'l Nestle	281 00	127211	9-30-15 Great Bear Spring Co.	10 50	127084	10- 8-15 Herman Kramer	1 00
	<b>Department of Finance.</b>		127212	10-12-15 Elberon Hygeia Ice Co.	8 80	127085	4-29-15 P. J. O'Rourke Elec. Co.	263 00
127193	Raphael Pontano, et al.	\$193 63	127213	10- 1-15 Mrs. Eliz. Dunn	7 24	127086	10- 5-15 Rathbun & Co.	1 98
127194	Jos. Jacobs	321 79	127214	9-25-15 Vacuum Oil Co.	2 69	127087	9-28-15 E. J. Stanley	10 00
127195	Wm. Breithaupt, et al., Exec. L. W. & T. Gustav Breithaupt, Dec.	559 92	127215	9-24-15 H. W. Johns-Manville Co.	97 50	127088	10- 8-15 George J. Stier, Inc.	18 80
127196	Mary Freeman	655 92	127216	9-29-15 A. & W., Auburn Prison	11 10	127089	9-22-15 R. C. Vernes	58 75
127185	Munson Supply Co.	6 30	127217	8-23-15 International Motor Co.	427 56	127090	10- 2-15 Eggers & Knight Automobile Co.	48 00
127233	The Chamberlain of the City of New York	1,155 07	127218	5- 7-15 Nason Mfg. Co.	10 00	127091	10- 4-15 Charles Knies	25 00
127234	The Chamberlain of the City of New York	134 93	127219	9-14-15 Front Drive Motor Co.	3 49	127092	10- 5-15 Nelson Bros.	32 46
127235	The Chamberlain of the City of New York	23,935 82	127220	9- 7-15 John P. Jube & Co.	5 95	127093	7-29-15 Powers Accounting Machine Co., Inc.	211 72
127236	The Chamberlain of the City of New York	8,714 50	127221	10- 8-15 Knox Motors' Associates	1 55	127094	8-27-15 Colt Stratton Co.	50 48
127237	The Chamberlain of the City of New York	10,166 91	127222	9-28-15 V. F. Goodrich Co.	5 20	127095	10- 8-15 Ford Motor Co.	6 67
127238	The Chamberlain of the City of New York	27,808 58	127223	9- 8-15 Buick Motor Co.	60	127096	10- 8-15 Stewart-Warner Speedometer Corp.	2 50
127239	The Chamberlain of the City of New York	33,420 64	127224	9-15-15 Detroit Cadillac Motor Car Co.	19 30	127190	Arthur Woods	3,915 79
127240	The Chamberlain of the City of New York	9,230 40	127225	9-24-15 John U. Constant	82 18		<b>President of the Borough of Manhattan.</b>	
127241	The Chamberlain of the City of New York	6,432 16	127226	10-11-15 Egan, Ronan & Hansman Co.	57 30	127350	8-31-15 U. S. Wood Pres. Co.	\$477 96
127242	The Chamberlain of the City of New York	2,341 81	127227	9-25-15 Henry W. Schmall	4 00	127351	7-29-15 The Asphalt Const. Co.	82 45
127243	The Chamberlain of the City of New York	2,732 11	127228	9- 1-15 Ronerts Numbering Machine Co.	3 30	127352	8- 9-15 The Barber Asp. Pav. Co.	243 95
127244	The Chamberlain of the City of New York	7,472 88	127229	10- 6-15 Bosch Magneto Co.	4 63	127353	10- 1-15 W. J. Fitzgerald	55 50
127245	The Chamberlain of the City of New York	5,783 59	127197	<b>Department of Licenses.</b>		127354	7-31-15 Uvalde Cont. Co.	5 10
127246	The Chamberlain of the City of New York	1,597 36	127198	Geo. H. Bell	43 04	127355	7-31-15 The Aztec Asp. Co., Inc.	384 80
127247	The Chamberlain of the City of New York	1,113 11	127173	<b>Law Department.</b>		127356	8-20-15 The Sicilian Asp. Pav. Co.	360 59
127248	The Chamberlain of the City of New York	405 26	127174	10- 5-15 John J. Curtin	177 50	127164	Eugene M. Stein	89 78
127249	The Chamberlain of the City of New York	472 80	127175	10-13-15 E. N. Little's Sons	7 50	127165	Bernard J. Clark et al.	13 66
127250	The Chamberlain of the City of New York	1,293 21	127269	12-17-14 Pinkerton's Natl. Detective Agency	238 05	127166	John J. Malstead et al.	127 26
127251	The Chamberlain of the City of New York	2,447 10	127270	A. Geo. Maul	29 00	127167	Morris Fogel et al.	13 08
127252	The Chamberlain of the City of New York	292 90	127271	Chas. Christman	3 50	127168	Chas. Honig et al.	13 36
127253	The Chamberlain of the City of New York	24,462 10	127272	The Lawyers' Co-Operative Pub. Co.	19 00	127169	Fr. Leckler et al.	6 18
127254	The Chamberlain of the City of New York	8,488 49	127273	Secretary of State	1 75	127170	John Holtje et al.	76 01
127255	The Chamberlain of the City of New York	9,903 24	127274	Jas. D. McGiffert	111 35	127171	Wm. A. Prendergast	1,945 80
127256	The Chamberlain of the City of New York	13,015 69	127275	Occidental Hotel	42 00	127172	Wm. A. Prendergast	867 79
127257	The Chamberlain of the City of New York	35,189 25	127467	<b>Bronx Parkway Commission.</b>		127136	42102 M. D. Lundin	1,445 00
127258	The Chamberlain of the City of New York	8,718 05	127468	Jules Rochat et al.	\$9,774 04	127137	38088 Chas. H. Higgins	63 75
127259	The Chamberlain of the City of New York	6,865 92	127469	Emilie Flaurand	10,317 50	127138	41466 Barrett Mfg. Co.	2,252 10
127260	The Chamberlain of the City of New York	2,382 52	127470	Matthew Creegan	1,071 08	127139	41770 Barrett Mfg. Co.	706 74
127261	The Chamberlain of the City of New York	2,779 61	127471	Michael Collins	3,882 46	127140	41467 Frederick Starr Cont. Co.	417 77
127262	The Chamberlain of the City of New York	3,653 19	127472	Mattie Hegt	809 45	127141	41771 Frederick Starr Cont. Co.	79 58
127263	The Chamberlain of the City of New York	6,052 24	127473	Victoria Hajos	809 45	127142	25148 Bouker Cont. Co.	892 95
127264	The Chamberlain of the City of New York	1,499 43	127474	Harris Dresener	6,946 43	127143	43082 Bouker Cont. Co.	170 09
127265	The Chamberlain of the City of New York	1,180 88	127475	Graman Building Co., Inc.	715 53	127144	43219 Frederick Starr Cont. Co.	502 67
127266	The Chamberlain of the City of New York	409 77	127476	Mary McCarthy	1,517 47	127145	42906 Harlem Cont. Co.	1,236 55
127267	The Chamberlain of the City of New York	478 06	127477	Marzio Fiorillo	613 32	127146	43219 P. J. Duffy	2,088 45
127268	The Chamberlain of the City of New York	628 31	127478	Horace Bassett	1,250 76	127147	42906 Sicilian As. Pav. Co.	10,508 40
127276	Wendell L. Nichols	850 00	127479	Mary A. Bloom	629 67	127148	43135 Aztec Asphalt Co., Inc.	5,022 00
127277	David G. Leggett	355 12	127480	Mary A. Bloom	43 98	127149	43135 Laconia Cont. Co.	1,351 50
127278	Mary E. Campbell et al.	150 00	127481	Sophie Berkowitz	646 03	127150	41774 Phoenix Sand & Gravel Co.	291 45
127183	10- 4-15 Downing Letter Co.	1 25	127482	Sussel Dressner et al.	623 54	127335	8-31-15 Manhattan Electrical Supply Co.	7 36
127184	10-20-15 The Barton Mfg. Co.	8 73	127483	George Dressler	1,073 13	127336	9-14-15 Standard Oil Co. of N. Y.	721 50
127321	9- 1-15 Theo. Moss & Co.	11 61	127484	Theresa Absolon	8,172 27	127337	10- 2-15 W. J. Fitzgerald	500 00
127322	8-17-15 Library Bureau	1 25	127485	Katie Connors	850 33	127338	7-31-15 F. W. De Voe & C. T. Reynolds Co.	38 12
127323	10-15-15 The Peerless Towel Supply Co.	2 42	127486	Charles W. Heimerle	556 07	127339	8-31-15 Manhattan Electrical Supply Co.	67 41
127324	10- 1-15 American Writing Machine Co.	3 00	127487	Minnie Celia	707 36	127340	9-28-15 Harlem Cont. Co.	12 95
127326	10-18-15 Dunn Jewelry Co.	4 00	127488	Joanna Tuck Birkins	772 78	127341	9- 1-15 Eastern Paving Co.	7 35
127327	9-28-15 Remington Typewriter Co.	85	127489	Isaac Isaacs	1,277 33	127342	9-29-15 Harlem Cont. Co.	18 60
127328	9-16-15 The De Vinne Press	18 00	127490	Andre Maxime Raoul Pimont et al.	883 03	127343	9-29-15 The Asphalt Const. Co.	8 70
127329	9-31-15 Elliott-Fisher Co.	90	127491	Carl A. W. Fox	12,726 27	127344	9-30-15 The Barber Asp. Pav. Co.	118 28
127330	9-17-15 Elliott-Fisher Co.	1 95	127492	John Manganello	4,086 80	127345	9-28-15 Harlem Cont. Co.	28 60
127331	7-26-15 Remington Typewriter Co.	5 00	127493	Adelbert Reynolds	1,790 02	127346	10- 1-15 W. J. Fitzgerald	18 90
127332	8-11-15 Burroughs Adding Machine Co.	8 30	127494	Anna Disalvo	4,699 81	127347	9-30-15 Harlem Cont. Co.	24 32
			127495	George W. Powers	725 44	127348	9-30-15 Leonard Thomas	13 36
			127496	Wm. John Ford et al.	954 16	127349	9-29-15 The Asphalt Const. Co.	100 00
			127497	Robert T. Crossen	3,575 95		<b>President of the Borough of The Bronx.</b>	
			127498	James Fraser	3,311 33	127509	8-11-15 Dept. Water, Gas & Electricity	5 37
			127499	Julian Richmond et al.	1,432 65	127510	J. Stewart Wilson	30
			127500	Wm. Lichtenfels	1,624 76	127511	J. Stewart Wilson	2 80
				<b>Department of Parks, Borough of Brooklyn.</b>		127512	N. Y. Central R. R. Co.	3 00
			127514	43246 W. H. Smith Heating Co.	\$1,002 15	127388	39734 Litchfield Const. Co.	2,433 27
			127515	39174 Olmsted Bros.	33 05	127489	42436 Olin J. Stephens, Inc.	171 55
			127516	42545 Olmsted Bros.	425 25		<b>President of the Borough of Brooklyn.</b>	
			127517	Ward & Tully, Inc.	7,413 57	127513	43207 Thos. Gill Soap Co.	610 39
				<b>Department of Parks, Borough of Queens.</b>			<b>President of the Borough of Richmond.</b>	
			127162	9-30-15 N. Y. Telephone Co.	\$51 79	127357	41797 Jos. Johnson Sons	585 71
			127163	John E. Weier	75 77	127358	41798 Jos. Johnson Sons	780 95
			127148	3-22-15 Eugene Dietzgen Co.	4 80	127360	41798 Jos. Johnson Sons	1,663 01
			127149	9-17-15 Tower Mfg. & Nov. Co.	1 09		<b>Department of Public Charities.</b>	
			127150	7- 1-15 Doering Bros.	4 86	127359	Angus P. Thorne	540 00
			127151	7- 1-15 Doering Bros.	44 55		<b>Sheriff, Richmond County.</b>	
			127152	6-17-15 Adams & Platt Co., Agts.	17 10	127320	10-23-15 Jos. W. Wanty	1 75
			127153	9- 1-15 New York Moline Plow Co.	32 50		<b>Board of Water Supply.</b>	
			127154	9-14-15 James Mulligan	22 00	127123	Wm. F. Stewart	415 00
			127155	8-10-15 A. Camera	100 00	127124	Lawrence Joyce, Adm. of Estate Bridget Joyce, Dec.	205 00
			127156	9-28-15 Wm. C. Loose, Jr.	100 00	127125	Wm. J. Green	555 00
			127157	9-27-15 Edward Favenza	100 00	127126	Catherine Bonesteel	225 00
			127158	9-20-15 The N. Y. Parental School Band	25 00	127127	Delancy N. Mathews, Assignee of Millard H. Davis	1,030 00
			127159	10-14-15 C. Johann & Sons	1 50	127128	Geo. H. Windrum	330 00
			127160	7-31-15 Woodhaven Water Supply Co.	45 62	127129	Cora J. Boice	405 00
				<b>Police Department.</b>		127130	Judy C. North	255 00
			127062	42953 Thos. Lenane & Co.	\$620 87	127131	Adm. of Estate of Wm. El-mendorf, Dec.	355 00
			127063	42956 Geo. N. Reinhardt & Co.	700 78			
			127064	10- 2-15 Consolidated Coal Co.	78 75			



Invoice			Invoice			Invoice		
Finance Vouch- or Con- No. tract Number.	Name of Payee.	Amount.	Finance Vouch- or Con- No. tract Number.	Name of Payee.	Amount.	Finance Vouch- or Con- No. tract Number.	Name of Payee.	Amount.
127132	Benj. Giles .....	75 00	127187	The Oil Marketing Co.....	259 21	127402	R. L. Blake .....	131 94
127133	Anna McEvoy Dent .....	280 00	127188	The Oil Marketing Co.....	43 38	127403	Max Blatt .....	23 95
127134	Loren C. Baker et al., Exec.		127189	Bruce & Cook .....	830 44	127404	Nelson H. Henry .....	135 05
	Est. Tina B. Lasher, Dec....	1,500 00	127398	H. R. Emerson .....	64 76	127405	C. Elmore Smith .....	16 45
127135	Jerome Gulnack et al.....	157 10	127399	Wm. R. Birdsley .....	187 59	127406	Henry De Latre, Stoker ...	6 80
Department of Water Supply, Gas and Electricity.			127400	Henry E. Sholl .....	47 31	127407	Jos. A. Ryan .....	14 75
127186	Geo. N. Reinhardt & Co....	367 72	127401	Thomas F. Bannon .....	19 45			

**Borough of Brooklyn.**

Report for week ended October 9, 1915:

**Bureau of Public Buildings and Offices.**

During the week ending October 9, 1915, bills amounting to \$956.20 were signed and forwarded to the Comptroller for audit and payment.

Orders Issued—For supplies, 21; for repairs, 35; total, 56.

**Bureau of Incumbrances and Permits.**

Complaint Department—Mail, 20; Office, 24; Inspectors, 36; Police Department, 12. Classification and disposal: Boulders, 15; trees and limbs, 18; coal boxes, 2 posts and poles; miscellaneous, 17, including dangerous excavations.

Inspectors' Department—Complaints made, 36; complaints settled, 91; slips settled, 169; Inspectors' slips OK'd for stands, etc., 4.

Permit Department—Permits: Cold air ducts, 2; building material, 30; vaults, 1; crosswalks, 35; special, 153; vault repairs (ovens), 1; cement walks, 16; driveways, 12; electric companies, 141; railroad companies, 25; gas companies, 164; special permits, 153; water and sewer, 42.

Cashier's Department—Moneys received: Repaving over water connections, \$1,221.95; repaving over sewer connections, \$345.43;

repaving over gas connections, \$30; inspection of work done by corporations, \$86.22; extra paving, \$3.75; special paving, \$455.56; vaults, \$1.87.

**Bureau of Sewers.**

Moneys Received—For sewer permits, \$1,618.25.

Permits Issued—For new sewer connections, 99; for old sewer connections (repairs), 21.

Work Done—Linear feet six-inch house connections, 34; linear feet sewer built 24 to 90 inches, 374; linear feet pipe sewer built, 1,733; total number of feet sewer built, 2,107; number of manholes built, 10; number of basins built, 2; number of feet sewer repaired, 90; number of basins repaired, 38; linear feet of pipe sewers cleaned, 132,230; linear feet of large sewers cleaned, 3,193; linear feet of sewers examined, 149,840; number of basins cleaned, 716; number of basins relieved, 12; number of basins examined, 609; manhole heads and covers set, 27; manhole heads and covers reset, 19; manhole covers put on, 27; number of basin pans set and reset, 26; number gallons sewage pumped, 26th Ward, 71,324,700; number gallons sewage pumped, 31st Ward, 52,917,560; cubic feet sludge pumped, 26th Ward, 48,416; cubic feet sludge pumped, 31st Ward, 25,607; complaints examined, 17; manholes repaired, 53.

**Laboring Force Employed.**

	Stokers, Etc.	Inspectors of Construction.	Inspectors of Sewer Connections.	Foremen.	Stationary Engineers.	Inspectors of Sewers and Basins.	Mechanics.	Laborers.	Horses and Carts.
Repairing and cleaning sewers ..	12	9	..	6	2	85	25	..	..
Street Improvement Fund....	4	..	..	..	..	12	..	..	..
26th Ward Disposal Works....	4	..	..	4	..	13	..	..	..
31st Ward Disposal Works....	10	..	..	9	..	18	..	..	..
Cleaning large B.B.&C. sewers ..	..	..	..	..	..	10	4	..	..
Gowanus Pumping Station....	..	..	..	2	..	4	1	..	..

**Bureau of Highways.****Work Done.**

At Asphalt Plant—742 boxes plant product.

Street Maintenance—4,555.8 cubic feet asphalt laid; repairing auto truck. Dangerous holes repaired and made safe, 154 temporarily.

By Repair Gangs—Sq. yards: Granite, grade 2, 582; granite on sand, 831; Belgian block, 106; Medina, 25; wood block, 25; asphalt block, 763; total, 2,332.

By Connection Gangs—Sq. yards: Granite, grade 1, 11; granite, grade 2, 99; granite on sand, 253; Medina, 2; asphalt block, 15; total by connections, 380.

Six-inch concrete work done, 692 sq. yds.; total number of sq. yds. of pavement repaired, 2,712; linear feet of curbing reset, 306; square feet of flagging relaid, 12; square feet of flagging relaid, 359; square feet of cement walk, 296; linear feet of foundation under curb, 12; miscellaneous paved gutters, etc., sq. yds., 319; dirt roadway repaired and cleaned, by hand, sq. yds., 9,656; dirt roadway repaired and cleaned, by machine, sq. yds.,

26,787; paved gutter cleaned, sq. yds., 1,597; sidewalk repairs, sq. yds., 1,175; macadam repaired, sq. yds., 1,285; macadam cleaned, sq. yds., 18,667.

Miscellaneous—1 cesspool built; 5 cesspools cleaned or repaired; 13,500 sq. yds. streets sprinkled, oil; 71 miles streets sprinkled, water; 165 lin. ft. sewer trench built; 30 lin. ft. wooden drain built; bridge repairs; drainage; care of yards; miscellaneous trucking; repair tools and equipment; filling washouts; cleaning miscellaneous streets; details; inspections; miscellaneous work not street; removing incumbrances.

**Building Bureau.**

Plans Filed for New Buildings—Brick, 95; estimated cost, \$710,750. Frame, 24; estimated cost, \$70,350. For alterations, 75; estimated cost, \$52,270; cost of book slips, \$18,694; cost of plumbing repair slips, \$310. Total plans filed, 194; estimated cost, \$852,374.

Violation cases filed and notices issued, 36.

L. H. POUNDS, President.

**Department of Public Charities.**

Report for week ended October 16, 1915:

Appointed—Pathologist at \$1,320: Dr. Morris Morgenstern. Assistant Pharmacist, at \$720: Ludwig Zwilling. Trained Nurse (Social Service), at \$750: Tessie Burger. Dietitian, at \$720: Reta Vining. Cook, at \$720: Rufus S. Misenheimer. Telephone Operators, at \$600: Mary Burke, Anna V. Finn, Charles Bryson. Trained Nurses at \$600: Mary A. King, Bertha F. Hallberg, Jennie Patterson, Helen F. Ryan, Hanna C. Crowley, Kate L. B. Bully, Catherine A. Tansey, Minna Crooks, Jane McCabe, Maude Prahl, Mary L. O'Neill, Helen C. Good. Laundryman, at \$600: Roy E. Dukett. Matron, at \$540: Anna Kavanagh. Internes (Resident), at \$480: E. R. Cocke, Peter B. Sarason. Pupil Nurse, at \$144: Revea Mulrooney. Stationary Engineer, at \$4.50 per diem: James Carney. Licensed Fireman, at \$3 per diem: Frank Gettens. Supervising Nurse, at \$840: Hugh B. McMahon.

Resignations—Pathologist, at \$1,320: Scott Russell. Executive Interne, at \$720: Daniel J. O'Leary. Supervising Nurse, at \$720: Mary E. Kehl. Trained Nurses, at \$600: M. O'Byrne, Helen Clara Good,

Gertrude Parks, Johanne Osterberg, Kathryn Boehm, Lillian De Cogan, Iva C. Russell, Lula Allgair, Nellie E. Schlinder, Harriet Crean, Jessie T. Abel, Celia McCarty, Ida C. Carlson, Mary L. Rawlings, Anna M. Henahan, Jennie M. Ryan, Esther A. Moser. Clerk, at \$600: Robert H. Duffy. Pupil Nurses, at \$144: Clara Carlson, Mary F. O'Neil. Physician, at \$1,200: Dr. Louis E. Eisch. Social Investigator, at \$900: Mary Slockbower.

Services Ceased—Trained Nurses, at \$600: Grace M. Kerrigan, Agnes M. Gilday, Thomas J. Doyle. Matron, at \$540: Jessie Belden. Pupil Nurses: At \$180, Elizabeth Whitcombe; at \$144, Pearl Croft, Mabel Cassidy. Carpenter, at \$5 per diem: E. A. Parkes. Stationary Engineer, at \$4.50 per diem: James Carney. Licensed Firemen, at \$3 per diem: Frank Gettens, William Rooney.

Appointments of Hospital Helpers—At \$360, Robert H. Smith, Mercedes Knowles, John Laurie; at \$300, Daniel Kehoe; at \$240, Elizabeth O'Rourke, Hannah Sullivan, Nellie Bushaw, Martha Hunter (re), Carl Ericson, William Duffy, Frank Thompson, Michael O'Dea (re), Margaret Mackellar, Mitchell C. Schultz, William Campbell, Charles Hoffman, John A. Grier, Wilhelm Hoffman, Patrick Simmons, Henry Egan, Edward Grogan, John

Coressal, William McQuade, Philip Brady, Marjorie Muller, John Starringer, Gabriel Tharkhanian, Sarkis Omartian, Thomas Cahill, Robert Hunter, Hattie Biggart, William Scarby, Thomas Kenney; at \$120, Josephine Dumston; at \$240, Nora Deering; at \$144, John Oberlander; at \$192, Rose McGovern; at \$180, John Campbell, Helen Burke, Nora Callahan, Thomas McElroy No. 2, Eugene Donnellin (re), Frank Nagel, Michael Crimmins, William McDonald, John Henry, Martin Murphy No. 2, Louis Gross, Frederick Ward (re), Louis Clermont, Peter Flanagan, John Hearn, Walter Henork, William Wagner, Henry Harburg, Mary Morand, James Kane, Sarah Thompson, Mary Trapani, Mary Francis, Joseph Lowdecker, Thomas McGuire, Patrick Pendergast Charles Nelson; at \$150, John Porn, Hannah Hogan; at \$144, Catherine White, Margaret McGarry, Mary King, Lizzie Dignan, Annie Reilly, Hannah Sullivan, Margaret Griffin, Margaret Lottimore; at \$120, Bernard Coyle, John Lovejoy, Rudolph Fuchsel, Robert Doherty, Margaret Masterson, Charles Petrie, Charles P. Moore.

Promotions of Hospital Helpers—From \$360 to \$480, Nicholas S. McGrath; from \$240 to \$480, Joseph D. Clayton; from \$240 to \$360, James O'Brien, Charles Kennedy, Hilda Johansen; from \$180 to \$300, George Seaman; from \$144 to \$300, Patrick McGrath; from \$192 to \$240, Lillian Mack; from \$180 to \$240, Sadie Whyte, Nellie C. Regan, Ellen Barlow.

Resignations of Hospital Helpers—At \$360, Charlotte Grace Forbes; at \$300, Wilhelm Fegner; at \$240, John H. Wood, Frank Bangs, Mary Cunningham, Mary McCarroll, Josephine Corin, Jane Henderson, Charles Wiedenmeir, Catherine O'Carroll, Agnes Cummings; at \$180, May Ryder; at \$120, Lillian B. Moore.

Services Ceased—Hospital Helpers: At \$600, Mary L. O'Neill at \$480, Anna Kavanagh, John Pender, Frederick J. Smith, Louis Schultz; at \$240, Nicholas Pender; at \$480, William Sargeant; at \$150, John Fitzgerald; at \$360, Thomas Reynolds; at \$300, Ellen Overton, Joseph Frey; at \$240, John J. Bergen, Alexander McBean, Catherine McDermott, Norah O'Keefe, George H. Cree, Maggie Taft, Julia Rafter, Lorle Missenheim, William Goldstein, Martha Hunter, Martin Howard, Robert W. Doyle, Katherine Francy; at \$192, Rose McGovern; at \$180, George C. Szibdat, Henry Heppenheimer, Nellie Hannon; at \$144, Lizzien Castles, Louise Meyers, Susan Kelly; at \$120, Walter Bannard, Alfred Luttman, Frank Slezak James Doolittle.

STANLEY H. HOWE, Secretary.

**Department of Water Supply, Gas and Electricity.**

Report for Week Ended October 9, 1915.

Collections—Bureau of Water Register, all boroughs, \$78,380.21.

Contracts Entered Into—Supplies: Dated October 7, 1915; contractor, Smith & Boulton; surety, United States Fidelity & Guarantee Company; estimated cost, \$778.32. Contractor, Westinghouse Lamp Company; surety, National Surety Company; estimated cost, \$29,858.85.

Salary Increased—Manhattan: Abraham Birnbaum, Clerk, \$300 to \$540 per annum.

Retired—November 1: James Brady, Inspector of Meters and Water Consumption, annuity of \$500; Bartholomew Doyle, Caulker, annuity of \$500.

Appointed—Brooklyn: Maurice T. Moran, 221 Hull Street, Brooklyn, Telephone Operator, at \$660 per annum; Lawrence F. Mahoney, 70 East 106th Street, Clerk at \$300 per annum.

Services Ceased—Queens: James A. Crilly, Clerk.

WM. R. HILLYER, Deputy Commissioner.

**Borough of The Bronx.****Bureau of Buildings.**

Report for week ended October 16th, 1915:

Plans filed for new buildings, 7; estimated cost, \$87,800; plans filed for alterations, 5; estimated cost, \$4,800; unsafe cases filed, 10; violations cases filed, 91; unsafe notices issued, 24; violations notices issued, 116; complaints lodged with the bureau, 28; number of pieces of iron and steel inspected, 1,334.

ROBERT J. MOOREHEAD, Superintendent.

**Changes in Departments, Etc.****DEPARTMENT OF FINANCE.****Collection of Taxes.**

Appointed—Temporary Adding and Billing Machine Operator, compensation 50 cents an hour, October 22, Josephine Scharf, 605 West 137th Street, care Broughton.

**DEPARTMENT OF PARKS.****Manhattan and Richmond.**

Appointed—October 23, Cottage Attendant, at \$600 per annum, Anna Barrett, 139 West 62nd Street.

Transferred—To Department of Parks, Brooklyn, October 20, Margaret Horearey, 56 Walcott Street, Brooklyn, Attendant, at \$600 per annum, to President, Manhattan, Bureau of Public Works, October 20, Laborer, at \$2.50 per diem, Joseph Edelson, 308 Henry Street; William Hoffman, 234 East 76th Street; October 21, Fred Schatzman, 127 East 102nd Street.

**BOROUGH OF MANHATTAN.****Bureau of Buildings.**

Services Ceased—David A. McGarry, 384 Second Street, Brooklyn, Clerk, at \$300 per year, October 26.

**BELLEVUE AND ALLIED****HOSPITALS.****Bellevue Hospital.**

Appointments—Hospital Helpers: At \$180, August 1, Esther Healey; at \$216, Annie Mattson; at \$240, Mary McAloun; at \$300, William E. Holladay; at \$240, August 15, Phillip Hollis. Attendant: At \$192, August 16, Frank Coll. Hospital Helpers: At \$240, August 17, Max Von Ryckevorsel, Ernest Brown, Peter Lyons; at \$180, Jane Canner, Margaret Sullivan; at \$192, Stella Newton; at \$180, August 19, Nora Bride, Mary McConville, August 20, Margaret McCabe; at \$192, Delia Horn; at \$180, Mary McMahon, Annie Huile; at \$240, Francisco Russo; at \$180, August 21, Ellen Reilly; at \$192, Beatrice Cunningham; at \$180, Nora Mahoney. Stenographer: At \$720, August 23, Alice Kieran. Hospital Helpers: At \$240, August 23, Alexander Vanderberg, Thomas J. Reilly; at \$192, Rose Finney, Annie Foley. Pharmacist: At \$900, Barney Jospey. Hospital Helpers: At \$180, August 24, Lizzie Blackmore, Jennie Long; August 25, Mary Lyons, Nettie Morgan; at \$240, Francis Earl; at \$180, August 26, Mary Clark, Clara Lowenstein; at \$240, John McGowan, Sam Unger; at \$180, Josephine Crane, Bridget Cotter; at \$240, William McClellan. Cook: At \$480, Kate Murphy. Hospital Helpers: At \$180, August 27, Josie De Schytnare, Kate Slowey. Attendant: At \$192, August 28, Puzant Semerdjian. Hospital Helpers, at \$240, August 29, Haken Krohn; at \$180, August 30, Margaret Killduff; at \$240, August 31, Frank Anderson, William Harrigan, William Burns; at \$180, September 1, Augusta May; at \$192, Anna Comiskey; at \$300, Kate Feehan, Hagop Melikian; at \$180, Mary Moore. Hospital Helper Mechanic: At \$600, Charles Smith. Stationary Engineer: At \$4.50 day, William Matthews. Hospital Helper: At \$240, Freda Lloyd. Attendant: At \$192, September 3, James Ringrose. Hospital Helpers: At \$180, Agnes Thornton, Mary McElmeel; at \$192, Jennie Sweible; September 4, Edward Zinburg; at \$240, Edward Ward; at \$180, Bessie Kam; at \$192, September 5, Frank Gregory; at \$180, September 7, Minnie Lyman; at \$240, William Neundarff; at \$180, Mary Clancy; at \$240, Alfred Bergin, Jennie Long; at \$180, Anna Ward, Dora West; at \$240, September 8, John Bauer; at \$360, Miles O'Connor; at \$180, Mary Dunn. Hospital Helper Mechanic: At \$600, September 9, George F. Harkins. Hospital Helpers: At \$180, September 10, Sadie Aitkins; at \$240, Walter Gibson, John Morklev; at \$180, Patrick Murphy; at \$240, William Helne. September 11, Herbert Small; at \$180, Anna Brady, Margaret Trainor; at \$240, Edward Flynn, Charles Ledlack, Frank Zwiner; at \$180, September 13, Mary Karselins; at \$240, Joel Blake; at \$180, Catherine Grotz, Lizzie Gilligan; at \$240, Adam Freitag, Edward Corcoran, Hugh Masterson, Daniel Green, Edward Redman, Edward Kelly, George McCabe; at \$180, Frances Travis; at \$240, Vincent Emholz; September 14, Peter Cafferty; at \$180, Grace Rock; at \$240, Michael McGuire; at \$180, Agnes Hannah, Julia Richardson; at \$240, Irving Carson; at \$192, Colett Nixon; at \$180, May Wilson; at \$192, Margaret Torpey; at \$240, William Dunn; September 14, Bella Mc-



Laughlin, Minnie McGee. Attendant: At \$240, September 15, James Ringrose. Hospital Helpers: At \$180, Bridget Carey, Margaret Griffin; at \$240, Adolph Barneetz, John Damirgan, John Hennessy, Astour Astourian Roland Mathers. Attendant: At \$192, September 16, Harry Duer. Hospital Helpers: At \$240, Manville Bell, Pierce Whalen; at \$192, Josephine Hemil; at \$240, Annie Flynn, Mike Boghosian; at \$192, May Wilson; at \$240, Solomon Weingreen, George Farrell; September 17, Christopher Lundgran; at \$180, Mary Shanley; at \$240, Maurice Levy, Henry Fincken; at \$180, September 17, Ellen Jagen, Margaret Jordan; at \$240, William B. Steel, Christian Happe; at \$180, Tessie Condon, Irene McClocken; at \$240, Gertrude Doyle; September 18, Bartholomew Coughlin. Attendant: At \$192, Victor Bassinett. Hospital Helpers: At \$240, Thomas Burns, David Linderoth, Martin Hackett.

**Resignations, Dismissals, etc.**—Hospital Helpers: At \$180, August 29, Margaret Sullivan; at \$240, August 30, Charles King; at \$300, Grace Horton, John Moss; at \$180, August 31, Margaret Devlin; at \$240, Edward Ashley; at \$192, Jane Thomason. Stationary Engineer: At \$4.50 day, Thomas Mulvey. Hospital Helpers: At \$300, George Motter; at \$180, Josie De Schynare, Clara Lowenstein. Attendant: At \$192, September 2, Albert Singer. Hospital Helpers: At \$180, Maggie Pragg; at \$240, Adam Woefel; at \$180, Helen Kavanaugh; at \$192, Rose Finney, Anna Comiskey; at \$180, September 3, Nora Bride; at \$192, September 4, Frank Spadaro. Stationary Engineer, at \$4.50 day, Michael Ford. Hospital Helper: At \$360, John Brown; at \$180, Kate Slowey; at \$240, William Burns. Trained Nurses: At \$600, August 29, Nina Vernon; at \$800, August 31, Helen Kenneally; at \$600, Magda Nass, Edith Bishop; at \$800, Philip Stenicki. Pupil Nurses: At \$96, Lydia Burnett, Agnes Burns, Olivet Huester. Trained Nurses: At \$600, September 1, Eleanor Seward; Sept. 2, Wm. Klosterh; at \$720, Sept. 3, Marian Black; at \$600, Harry Bladwin; at \$96, Laura Griffin. Hospital Helpers, at \$180, September 6, David Hogan; at \$240, Lydia Howard, Barbara Bero; at \$180, Anna Utermarck; at \$240, Matty Hogan; at \$180, Ellen Reilly; September 7, Mary Butler; at \$240, Thomas Ward. Hospital Helper Mechanic: at \$600, Richard Walsh. Hospital Helpers: At \$240, September 8, George Milan; at \$180, Kate McWiney, Elizabeth Adamson; at \$240, Charles Ashley; at \$180, Mary Clark; September 9, Ellen Brown, Rosie Bennett; at \$240, William R. Plummer, John Kohler, Frank Anderson; at \$180, Dora West; at \$240, September 10, James Murray; at \$192, Stella Newton; at \$180, Mary McAvoy, Nora O'Shea; at \$240, William Olson, Augustine Brandaleone, Hermon Meyer, John O'Hanlon, Lynn Mayhew, Eugene Donnellin, Frank Hayes; August 10, James Blair; at \$300, August 19, Joseph Collins; at \$192, Lizzie Hopper, Lizzie Rooney; at \$240, Arthur Earl, Susan Casey; at \$600, August 21, Michael O'Brien; at \$240, John O'Neil; at \$180, August 22, Lizzie Brounman; at \$240, John Kannan; at \$192, Annie Wellingsky, Catherine Grogan; at \$180, Elizabeth Mulharn; at \$300, August 23, George Tooker; at \$240, Joseph Jaeger; at \$180, August 24, Minnie Urso; at \$240, Joseph Joel, David Pronk; at \$180, Margaret McCabe, Jane Canner, Mary McGrorey; August 26, Mary McLaughlin, Helen Goff; August 27, Mary Considine, Mary Branigan, Susan Kenny; at \$240, August 28, Henry Schnetz, James Howard, Frank Hermes; at \$180, Josephine Crane, Mary McConville. Attendant: At \$240, September 11, Charles Moran. Hospital Helpers: At \$300, Martin Slattery; at \$180, Margaret McGarry; at \$240, Fred Ives, James Kelly, Robert Allen, Joseph Nock, John McDonald; September 12, Peter Cafferty; at \$300, Victor Spicler; at \$240, Albert Mansfield; at \$180, Annie Wade; at \$240, Edward Redmond; at \$180, Lillian Holland; at \$240, Joseph Cox; at \$480, Cornelius D. Buckley; at \$180, Annie Hulle; at \$192, September 13, Annie Collin; at \$180, Mary Corbitt; at \$240, John Wall, Mary McMahon; at \$240, September 14, Minnie McGee, Vincent Emholz, John Gooley; at \$300, Edward Rosenblack; at \$240, William Hogan, John Kramer, Charlie Ulrich, Frank Kramer, Frank Gerhart; at \$300, William Cilling; at \$240, September 15, Edward Brady, Roland Mathers; at \$180, Agnes Hannah. Attendant: At \$192, Stanley Milzinc. Hospital Helpers: At \$180, Ellen Mulligan, Maggie Woods; at \$240, Rose Flynn; at \$300, Thomas Comiskey; at \$240, Garabud Dadurian, Ernest Brown; at \$192, Jennie Sweible; at \$240, September 16, Adaline Whittaker, Max Von Ruckevorsel; at \$180, Nettie Morgan; at \$240, William Hehne, Edward Ward; at \$180, September 17, Margaret Griffin; at \$240, Richard Spies; at \$180, Mary Woods, Anna Brady.

**Appointments**—Nurses Residence, Hospital Helpers: At \$192, September 1, Hannah Kane, Margaret Floyd. Trained

Nurses: At \$600 August 29, Mary Gruber; at \$720, Elizabeth Davis. Pupil Nurses: At \$96, August 31, Esther Hunt; September 1, Ruth Hollingsworth, Lena Ehmann. Trained Nurse: At \$800, Charles Witzig; at \$600, Klosterhalpen William; at \$800, Daisy Mitchell; at \$660, Elizabeth Snyder, Elizabeth Davis, Julia Griffin, Idahlia Butler. Hospital Helpers: At \$240, September 11, Michael Rogers, Gus Flynn. Attendant: At \$240, September 12, Stephen McNeal. Hospital Helpers: At \$216 September 1, Josephine Whalen; at \$192, September 14, Lizzie Flynn; at \$240, Joseph Nozk; at \$192, September 16, Lizzie Curtin; at \$240, Annie Loftus. Trained Nurses: At \$600, September 14, Rosa Bell; September 16, Anna Rackett, Inez Ray. Hospital Helpers: At \$192, August 25, Lillian Dwyer, Katherine Ebtsch. Trained Nurses: At \$600, August 24, Andrew Garrigan; August 27, Kathryn Driscoll; at \$900, Grace Watson. Hospital Helpers: At \$240, September 9, Fred Wobbie; at \$192, September 10, Fanny Shields, Mary Walsh; at \$216, September 12, Eleanor McElhenry; at \$192, May Worrell; at \$240, Christian Banks. Pupil Nurse: At \$96, September 7, Theresa McDonald. Trained Nurses: At \$800, September 9, Edna Woolston; at \$600, September 11, Agnes Munroe; September 6, Ida Lusk. Hospital Helper: At \$192, August 23, Josephine Whalen.

**Resignations, Dismissals, Etc.**—Nurses' Residence, Hospital Helpers: At \$192, August 23, Theresa Gleisch. Trained Nurses: At \$600, August 22, Margaret Swinburn, Anna Clark; August 24, Asta Brendstrup; August 28, Ernest Olney. Hospital Helpers: At \$240, September 13, Christian Banks; at \$192, Agnes Dougherty, Hanna Manning; at \$216, September 14, Mary Lambert; at \$192, September 15, Kate Soisson; at \$240, Mary Barston; at \$192, September 17, Nora Devins, Pearl Montgomery, Lillian Dwyer. Pupil Nurses: At \$96, September 14, Alice Dyer; September 15, Hilda Kruse, Violet Olsen, Elizabeth Brown; September 16, Maria Puls. Trained Nurse: At \$720, September 17, Beatrice Stephenson. Pupil Nurses: At \$96, Theobald, Sadie, Guisenpina Eherle. Trained Nurses: At \$600, September 18, William A. Werden; September 19, Elizabeth Von Beidel. Hospital Helpers: At \$240, September 8, Michael Harris; at \$192, September 9, Kate Lyons; at \$216, September 11, Rose Lake; at \$240, Fred Lake; at \$192, Marv Carroll. Trained Nurses: At \$600, September 6, Elizabeth Ellis, Martha Roberts, Mary McLean; at \$800, September 8, Alice Andrews; at \$720, September 10, Annie Grass; at \$600, Luina Denny. Hospital Helper: At \$192, August 22, May Conway.



## OFFICIAL DIRECTORY.

Unless otherwise stated, the Public Offices of the City are open for business from 9 a. m. to 5 p. m.; Saturday, 9 a. m. to 12 noon.

### CITY OFFICES.

#### MAYOR'S OFFICE.

City Hall, Telephone, 8020 Cortlandt. John Purroy Mitchel, Mayor. Theodore Rousseau, Secretary. Bertram de N. Cruger, Executive Secretary. **Bureau of Weights and Measures.** Municipal Building, 3rd floor. Telephone, 1498 Worth. Joseph Hartigan, Commissioner.

**COMMISSIONERS OF ACCOUNTS.** Municipal Building. Telephone, 4315 Worth. Leonard M. Wallstein, Commissioner of Accounts.

**BOARD OF ALDERMEN.** Clerk's Office, Municipal Building, 2nd floor. Telephone, 4430 Worth. P. J. Scully, Clerk.

**President of the Board of Aldermen.** City Hall. Telephone, 6770 Cortlandt. George McAneny, President.

**BOARD OF AMBULANCE SERVICE.** Municipal Building, 10th floor. Ambulance Calls, 3100 Spring. Administration Offices, 748 Worth.

**ARMORY BOARD.** Hall of Records, Telephone, 3900 Worth. C. D. Rhinehart, Secretary.

**ART COMMISSION.** City Hall. Telephone, 1197 Cortlandt. John Quincy Adams, Assistant Secretary.

**BOARD OF ASSESSORS.** Municipal Building, 8th floor. Telephone, 29 Worth. Alfred P. W. Seaman, Chairman. St. George B. Tucker, Secretary.

**BELLEVUE AND ALLIED HOSPITALS.** 26th st. and 1st ave. Telephone, 4400 Madison square. Dr. John W. Brannan, President. J. K. Paulding, Secretary.

**DEPARTMENT OF BRIDGES.** Municipal Building, 18th floor. Telephone, 380 Worth. F. J. H. Kracke, Commissioner.

**BUREAU OF THE CHAMBERLAIN.** Municipal Building, 8th floor. Telephone 4270 Worth. Henry Bruere, Chamberlain.

**CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.** Municipal Building, 2nd floor. Telephone, 4430 Worth. P. J. Scully, City Clerk.

**BOARD OF CITY RECORD.** Supervisor's office, Municipal Building, 8th floor. Distributing Division, 96 Reade st. Telephone, 3490 Worth. David Ferguson, Supervisor.

**DEPARTMENT OF CORRECTION.** Municipal Building, 24th floor. Telephone, 1610 Worth. Katharine B. Davis, Commissioner.

**DEPARTMENT OF DOCKS AND FERRIES.** Pier "A," N. R. Telephone, 300 Rector. R. A. C. Smith, Commissioner.

**DEPARTMENT OF EDUCATION.** Board of Education. Park ave. and 59th st. Telephone, 5580 Plaza. Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in August, and the second and fourth Wednesdays in every month, except August.

Thomas W. Churchill, President. A. Emerson Palmer, Secretary.

**BOARD OF ELECTIONS.** General office and office of the Borough of Manhattan, Municipal Building, 18th floor. Telephone, 1307 Worth. A. Allen, Engineer.

Edward F. Boyle, President. Moses M. McKee, Secretary.

**Other Borough Offices.** The Bronx. 368 E. 148th st. Telephone, 336 Melrose. Brooklyn. 435-445 Fulton st. Telephone, 1932 Main.

Queens. 64 Jackson ave., Long Island City. Telephone, 3375 Hunters Point. Richmond. Borough Hall, New Brighton, S. I. Telephone, 1000 Tompkinsville.

All offices open from 9 a. m. to 4 p. m. Saturdays, to 12 m.

**BOARD OF ESTIMATE AND APPOINTMENT.** Municipal Building, 13th floor. Telephone, 4160 Worth. Joseph Haag, Secretary.

**Bureau of Records and Minutes.** Municipal Building, 13th floor. Telephone, 4560 Worth. Joseph Haag, Secretary.

**Office of the Chief Engineer.** Municipal Building, 13th floor. Telephone, 4560 Worth. Nelson P. Lewis, Chief Engineer.

**Bureau of Public Improvements.** Municipal Building, 13th floor. Telephone, 4560 Worth. Nelson P. Lewis, Chief Engineer.

**Bureau of Franchises.** Municipal Building, 13th floor. Telephone, 4563 Worth. Harry P. Nichols, Engineer.

**Bureau of Contract Supervision.** Municipal Building, 13th floor. Telephone, 4560 Worth. Central Testing Laboratory, 125 Worth St. Telephone, 3088 Franklin. Tilden Adamson, Director.

**Bureau of Standards.** Municipal Building, 13th floor. Telephone, 4560 Worth. George L. Tirrell, Director.

**Bureau of Sewer Plan.** Municipal Building, 12th floor. Telephone, 4227 Worth. Kenneth Allen, Engineer.

**BOARD OF EXAMINERS.** Municipal Building, 20th floor. 9 a. m. to 4 p. m. Saturday, to 12 m. Telephone, 1800 Worth.

Board meets every Tuesday at 2 p. m. Edward V. Barton, Clerk.

**DEPARTMENT OF FINANCE.** Municipal Building, 5th floor. Telephone, 1200 Worth. Shepard A. Morgan, Secretary to the Department, 5th floor.

William A. Prendergast, Comptroller. Deputy Comptrollers, 7th floor. Alexander Brough, Edmund D. Fisher, Charles S. Hervey, Hubert L. Smith.

**Receiver of Taxes.** Manhattan—Municipal Building, 2nd floor. Telephone, 1200 Worth. Bronx—177th st. and Arthur ave. Telephone, 140 Tremont.

Brooklyn—236 Duffield st. Telephone, 7056 Main. Queens—5 Court Square, Long Island City. Telephone, 3386 Hunter's Point.

Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville. Frederick H. E. Ebstein, Receiver of Taxes.

**Collector of Assessments and Arrears.** Manhattan—Municipal Building, 3d floor. Telephone, 1200 Worth. Bronx—177th St. and Arthur Ave. Telephone, 47 Tremont.

Brooklyn—503 Fulton st. Telephone, 8340 Main. Queens—Municipal Building, Court Square, Long Island City. Telephone, 1553 Hunter's Point.

Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville. Daniel Moynihan, Collector.

**FIRE DEPARTMENT.** Municipal Building, 11th floor. Telephone, 4100 Worth. Brooklyn, 365 Jay st. Telephone, 7600 Main. Robert Adamson, Commissioner.

**DEPARTMENT OF HEALTH.** Centre and Walker sts., Manhattan. Telephone, 6280 Franklin. Burial Permit and Contagious Disease offices always open.

Bronx, 3731 Third ave. Brooklyn, Flatbush ave., Willoughby and Fleet sts. Queens, 372 Fulton st., Jamaica. Richmond, 514 Bay st., Stapleton.

Eugene W. Scheffer, Secretary. S. S. Goldwater, Commissioner.

**BOARD OF INEBRIETY.** 300 Mulberry st. Telephone, 7116 Spring. Board meets first Wednesday in each month at 3 o'clock.

Charles Samson, Secretary.

**LAW DEPARTMENT.** Office of Corporation Counsel. Main office, Municipal Building, 16th floor. Telephone, 4600 Worth.

Lamar Hardy, Corporation Counsel. Brooklyn office, 153 Pierrepont st. Telephone 2948 Main.

**Bureau of Street Openings.** Main office, Municipal Building, 15th floor. Telephone, 1380 Worth. Brooklyn office, 166 Montague st. Telephone, 5916 Main.

Queens office, Municipal Building, Long Island City. Telephone, 3886 Hunters Point. **Bureau for the Recovery of Penalties.** Municipal Building, 15th floor. Telephone, 3460 Worth.

**Bureau for the Collection of Arrears of Personal Taxes.** Municipal Building, 17th floor. Telephone, 4585 Worth.

**Tenement House Bureau and Bureau of Buildings.** Municipal Building, 15th floor. Telephone, 1620 Worth.

**DEPARTMENT OF LICENSES.** Main Office, 49 Lafayette st. Telephone, 4490 Franklin. George H. Bell, Commissioner.

Brooklyn—381 Fulton Street. Telephone, 1497 Main. Queens—Borough Hall, Long Island City. Telephone, 5400 Hunters Point.

Richmond—Borough Hall, New Brighton. Telephone, 1000 Tompkinsville. Division of Licensed Vehicles—517-519 W. 57th st. Telephone, 6387 Columbus.

Public Employment Bureau—Men's departments, 128 Leonard st.; Women's departments, 53 Lafayette st. Telephone, 6100 Franklin.

**MUNICIPAL CIVIL SERVICE COMMISSION.** Municipal Building, 14th floor. Telephone, 1580 Worth. Henry Moskowitz, President.

Robert W. Belcher, Secretary. **MUNICIPAL REFERENCE LIBRARY.** Municipal Building, 5th floor. Telephone, 1072 Worth. 9 a. m. to 5 p. m.; Saturday, to 1 p. m.

**DEPARTMENT OF PARKS.** Municipal Building, 10th floor. Telephone, 4850 Worth. Cabot Ward, Commissioner, Manhattan and Richmond.

**Borough of Brooklyn.** Litchfield Mansion, Prospect Park, Brooklyn. Telephone, 2300 South. Raymond V. Ingersoll, Commissioner.

**Borough of The Bronx.** Zbrowski Mansion, Claremont Park. Telephone, 2640 Tremont. Thomas W. Whittle, Commissioner.

**Borough of Queens.** The Overlook, Forest Park, Richmond Hill, L. I. Telephone, 2300 Richmond Hill. John E. Weier, Commissioner.

**Park Boards.** Municipal Building, 10th floor. Telephone, 4850 Worth. Cabot Ward, President; Louis W. Fehr, Secretary.

**BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.** Municipal Building, 24th floor. Telephone, 1610 Worth.

Thomas R. Minnick, Secretary. **EXAMINING BOARD OF PLUMBERS.** Municipal Building, 8th floor. Telephone, 1800 Worth.

Janet A. G. Hahn, Clerk. **POLICE DEPARTMENT.** 240 Centre st. Telephone, 3100 Spring. Arthur Woods, Commissioner.

**DEPARTMENT OF PUBLIC CHARITIES.** Principal office, Municipal Building, 10th floor. Telephone, 4440 Worth.

Brooklyn and Queens, 327 Schermerhorn st., Brooklyn. Telephone, 2977 Main. **Bureau of Dependent Adults.** Pier, foot of East 26th st. Telephone, 7400 Madison Square.

The Children's Bureau, 124 East 59th st. Telephone, 7400 Madison Square. **Borough of Richmond, Borough Hall, St. George, S. I. Telephone, 100 Tompkinsville.**

John A. Kingsbury, Commissioner. **PUBLIC SERVICE COMMISSION.** 154 Nassau st., Manhattan. 8 a. m. to 11 p. m. every day, including holidays and Sundays. Telephone, 4150 Beekman.

Edward E. McCall, Chairman. Travis H. Whitney, Secretary.

**BOARD OF REVISION OF ASSESSMENTS.** Municipal Building, 7th floor. Telephone, 1200 Worth. John Korb, jr., Chief Clerk.

**COMMISSIONERS OF SINKING FUND.** Office of Secretary, Municipal Building, 7th floor. Telephone, 1200 Worth. John Korb, jr., Secretary.

**DEPARTMENT OF TAXES AND ASSESSMENTS.** Municipal Building, 9th floor. Telephone, 1800 Worth.

Lawson Purdy, President. C. Rockland Tyns, Secretary.

**DEPARTMENT OF STREET CLEANING.** Municipal Building, 12th floor. Telephone, 4240 Worth. John T. Fetherston, Commissioner.

**TENEMENT HOUSE DEPARTMENT.** Manhattan and Richmond office, Municipal Building, 19th floor. Telephone, 1526 Worth. Brooklyn and Queens office, 503 Fulton st., Brooklyn. Telephone, 3825 Main.

Bronx office, 391 East 149th st. Telephone, 7107 Melrose. John J. Murphy, Commissioner.

**BOARD OF WATER SUPPLY.** Municipal Building, 22d floor. Telephone, 3150 Worth. Charles Strauss, President.

George Featherstone, Secretary. **DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.** Municipal Building, 23d, 24th and 25th floors. Telephones: Manhattan, 4320 Worth; Brooklyn, 3980 Main; Queens, 3441 Hunters Point; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.

Brooklyn, Municipal Building, Brooklyn. Bronx, Tremont and Arthur aves. Queens, Municipal Building, Long Island City. Richmond, Municipal Building, St. George. William Williams, Commissioner.

### BOROUGH OFFICES.

**BOROUGH OF THE BRONX.** President's office, 3d ave. and 177th st. Telephone, 2680 Tremont. Douglas Mathewson, President.

**BOROUGH OF BROOKLYN.** President's office, 2nd floor, Borough Hall. Commissioner of Public Works, 2nd floor, Borough Hall.

Assistant Commissioner of Public Works, 2nd floor, Borough Hall. **Bureau of Highways, 5th and 12th floors, 50 Court st.**

**Bureau of Public Buildings and Offices, 10th floor, 50 Court st.** **Bureau of Sewers, 10th floor, 215 Montague st.**

**Bureau of Buildings, 4th floor, Borough Hall.** **Topographical Bureau, 209 Montague st.** **Bureau of Substructures, 11th floor, 50 Court st.**

Telephone, 3960 Main. Lewis H. Pounds, President.

**BOROUGH OF MANHATTAN.** President's office, 20th floor, Municipal Bldg. Commissioner of Public Works, 21st floor, Municipal Building.

Assistant Commissioner of Public Works, 21st floor, Municipal Building. **Bureau of Highways, 21st floor, Municipal Building.**

**Bureau of Public Buildings and Offices, 20th floor, Municipal Building.** **Bureau of Sewers, 21st floor, Municipal Bldg.** **Bureau of Buildings, 20th floor, Municipal Building.**

Telephone, 4227 Worth. Marcus M. Marks, President.

**BOROUGH OF QUEENS.** President's office, Borough Hall, Long Island City. Telephone, 5400 Hunters Point.

**Bureau of Public Buildings and Offices, Town Hall, Flushing, L. I. Telephone 1740 Flushing.** Maurice E. Connolly, President.

**BOROUGH OF RICHMOND.** President's office, New Brighton, Staten Island. Telephone, 1000 Tompkinsville. Calvin D. Van Name, President.



**CORONERS.**

Manhattan, Municipal Building—Second Floor. Open at all hours of the day and night. Telephone, Worth 3711.  
 Bronx—Arthur and Tremont ayes. Telephone, 1250 Tremont. 8 a. m. to midnight, every day. Brooklyn, 236 Duffield st. Telephone, 4004 Main. Open at all hours of the day and night.  
 Queens, Town Hall, Jamaica, L. I., 9 a. m. to 10 p. m.; Sundays and holidays, 9 a. m. to 12 m.  
 Richmond, 175 Second st., New Brighton. Open at all hours of the day and night.

**COUNTY OFFICES.**

Unless otherwise stated, the County offices are open for business from 9 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 noon.

**NEW YORK COUNTY.****COUNTY CLERK.**

County Court House. Telephone, 5388 Cortlandt.  
 9 a. m. to 2 p. m. during July and August.

**DISTRICT ATTORNEY.**

Criminal Courts Building, 9 a. m. to 5:15 p. m.; Saturdays, to 12 m. Telephone, 2304 Franklin.  
 Charles Albert Perkins, District Attorney.

**COMMISSIONER OF JUDICIAL RECORDS.**

280 Broadway. Telephone, 241 Worth.  
 Thomas Allison, Commissioner.

**PUBLIC ADMINISTRATOR.**

119 Nassau st. Telephone, 6376 Cortlandt.  
 William M. Hoes, Public Administrator.

**COMMISSIONER OF RECORDS.**

Hall of Records, Telephone, 3900 Worth.  
 Commissioner.

**REGISTER.**

Hall of Records, Telephone, 3900 Worth.  
 9 a. m. to 2 p. m. during July and August.  
 John J. Hopper, Register.

**SHERIFF.**

51 Chambers st. Telephone, 4300 Worth.  
 New York County Jail, 70 Ludlow st.  
 Max S. Grifenhagen, Sheriff.

**SUBROGATE.**

Hall of Records, Telephone, 3900 Worth.  
 John P. Cobalan; Robert Ludlow Fowler, Surrogates.

**KINGS COUNTY.****COUNTY CLERK.**

Hall of Records, Brooklyn. Telephone, 4930 Main.  
 Charles S. Devoy, County Clerk.

**COUNTY COURT.**

County Court House, Brooklyn. Court opens at 10 a. m. daily and sits until business is completed. Part I, Room No. 23; Part II, Room No. 10; Part III, Room No. 14; Part IV, Room No. 1, Court House. Clerk's office, Room 17, 18, 19 and 22; open daily from 9 a. m. to 5 p. m.; Saturday, to 12 m. Telephone, 4154 Main.

**DISTRICT ATTORNEY.**

66 Court st., Brooklyn, 9 a. m. to 5:30 p. m.; Saturday, to 1 p. m. Telephone, 2954 Main.  
 James C. Cropper, District Attorney.

**COMMISSIONER OF JUDICIAL RECORDS.**

381 Fulton st., Brooklyn. Telephone, 330-331 Main.  
 Jacob Brenner, Commissioner.

**PUBLIC ADMINISTRATOR.**

44 Court st., Brooklyn. Telephone, 2840 Main.  
 Frank V. Kelly, Public Administrator.

**COMMISSIONER OF RECORDS.**

Hall of Records, Brooklyn. Telephone, 6988 Main.  
 Edmund O'Connor, Commissioner.

**REGISTER.**

Hall of Records, Brooklyn. Telephone, 2830 Main.  
 Edward T. O'Loughlin, Register.

**SHERIFF.**

46-50 Court st., Brooklyn. Telephone, 6845 Main.  
 Lewis M. Swasey, Sheriff.

**SUBROGATE.**

Hall of Records, Brooklyn. Court opens at 10 a. m. Telephone, 3954 Main.  
 Herbert T. Ketcham, Surrogate.  
 John H. McCooney, Chief Clerk.

**BRONX COUNTY.****COUNTY CLERK.**

161st st. and 3d ave. Telephone, 9266 Melrose.  
 James Vincent Ganly, County Clerk.

**COUNTY JUDGE.**

161st st. and 3d ave. Telephone, 7-37 Melrose.  
 Louis D. Gibbs, County Judge.

**DISTRICT ATTORNEY.**

161st st. and 3d ave. Telephone, 9200 Melrose.  
 Francis Martin, District Attorney.

**COMMISSIONER OF JUDICIAL RECORDS.**

1932 Arthur ave. Telephone, 3700 Tremont.  
 John A. Mason, Commissioner.

**PUBLIC ADMINISTRATOR.**

2808 3d ave. Telephone, 9816 Melrose, 9 a. m. to 5 p. m.; Saturday to 12 m.  
 Ernest E. L. Hammer, Public Administrator.

**REGISTER.**

1932 Arthur Ave. Telephone, 6694 Tremont.  
 Edward Polak, Register.

**SHERIFF.**

1932 Arthur Ave. Telephone, 6600 Tremont.  
 James F. O'Brien, Sheriff.

**SUBROGATE.**

161st st. and 3d ave.  
 George M. S. Schulz, Surrogate.

**QUEENS COUNTY.****COUNTY CLERK.**

364 Fulton st., Jamaica. Telephone, 151 Jamaica.  
 Leonard Ruoff, County Clerk.

**COUNTY COURT.**

County Court House, Long Island City. Telephone, 596 Hunters Point.  
 Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September, and on Friday of each week.

**DISTRICT ATTORNEY.**

County Court House, Long Island City, 9 a. m. to 5 p. m.; Saturday, to 12 m.  
 County Judge's office always open at 336 Fulton st., Jamaica. Telephone, 3871 Hunters Point.  
 Denis O'Leary, District Attorney.

**COMMISSIONER OF JUDICIAL RECORDS.**

County Court House, Long Island City. Telephone, 963 Hunters Point.  
 Thorndyke C. McKenney, Commissioner.

**PUBLIC ADMINISTRATOR.**

302 Fulton st., Jamaica. Telephone, 223 Jamaica.  
 Randolph White, Public Administrator.

**SHERIFF.**

County Court House, Long Island City. Telephone, 3766 Hunters Point.  
 George Emmer, Sheriff.

**SUBROGATE.**

364 Fulton st., Jamaica. Telephone, 397 Jamaica.  
 Daniel Noble, Surrogate.

**RICHMOND COUNTY.****COUNTY CLERK.**

County Office Building, Richmond. Telephone, 28 New Dorp.  
 C. Livingston Bostwick, Clerk.

**COUNTY JUDGE AND SURROGATE.**

Trial Terms, with Grand and Trial Jury, second Monday of March, first Monday of October. Trial Terms, with Trial Jury only, first Monday of May, first Monday of December.

Special Terms, Without Jury—Wednesday of each week, except the last week of July, the month of August and the first week of September.

**SURROGATE'S COURT.**

Monday and Tuesday of each week at the Borough Hall, St. George, and on Wednesday at the Surrogate's Court, at Richmond, except during the session of the County Court. There will be no Surrogate's Court during the month of August.

Surrogate's Court and Office, Richmond, S. I. Surrogate's Chambers, Borough Hall, St. George. J. Harry Tiernan, County Judge and Surrogate.

**DISTRICT ATTORNEY.**

Borough Hall, St. George. Telephone, 50 Tompkinsville. 9 a. m. to 5 p. m.; Saturday, to 12 m.  
 Albert C. Fach, District Attorney.

**COMMISSIONER OF JUDICIAL RECORDS.**

Village Hall, Stapleton. Telephone, 81 Tompkinsville.  
 Edward I. Miller, Commissioner.

**PUBLIC ADMINISTRATOR.**

Port Richmond. Telephone, 704 West Brighton.  
 William T. Holt, Public Administrator.

**SHERIFF.**

County Court House, Richmond. Telephone, 120 New Dorp.  
 Joseph F. O'Grady, Sheriff.

**THE COURTS.**

**CITY COURT OF THE CITY OF NEW YORK.**  
 City Hall Park. Special Term Chambers held from 10 a. m. to 4 p. m. Clerk's office open from 9 a. m. to 4 p. m. Telephone, 122 Cortlandt.  
 Thomas F. Smith, Clerk.

**CITY MAGISTRATES' COURT.**

William McAdoo, Chief City Magistrate, 300 Mulberry st. Telephone, 6213 Spring.  
 First District—Criminal Court Buildings.  
 Second District—125 Sixth ave.  
 Third District—2d ave. and 1st st.  
 Fourth District—151 E. 57th st.  
 Fifth District—121st st. and Sylvan place.  
 Sixth District—162d st. and Washington ave.  
 Seventh District—314 W. 54th st.  
 Eighth District—1014 E. 181st st., The Bronx.  
 Ninth District (Night Court for Females)—125 6th ave.  
 Tenth District (Night Court for Males)—151 E. 57th st.  
 Eleventh District (Domestic Relations)—151 E. 57th st.  
 Twelfth District (Domestic Relations)—1014 E. 181st st., The Bronx.  
 Office of the Chief Probation Officer, 300 Mulberry st. Telephone, 6713 Spring.

**Second Division.**

Office of Chief Magistrate, 14 Court st. Telephone, 7411 Main.  
 First District—318 Adams st.  
 Second District—Court and Butler sts.  
 Third District—249 Madison ave.  
 Fourth District—495 Gates ave.  
 Fifth District—31 Snider ave., Flatbush.  
 Sixth District—W. 8th st., Coney Island.  
 Seventh District—5th ave. and 29th st.  
 Eighth District—133 New Jersey ave.  
 Ninth District—Myrtle and Vanderbilt ayes.

**Borough of Queens.**

William F. Delaney, Chief Clerk.  
 First District—St. Mary's Lyceum, L. I. City.  
 Second District—Town Hall, Flushing, L. I.  
 Third District—Central ave., Far Rockaway.  
 Fourth District—Town Hall, Jamaica, L. I.

**Borough of Richmond.**

First District—Lafayette ave., New Brighton.  
 Second District—Village Hall, Stapleton.  
 All courts open daily from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

**COURT OF GENERAL SESSIONS.**

Criminal Court Building. Court opens at 10:30 a. m. Clerk's office open from 9 a. m. to 4 p. m., and on Saturdays until 12 m.  
 Edward R. Carroll, Clerk.

**MUNICIPAL COURTS.**

The Clerks' offices are open from 9 a. m. to 4 p. m.; Saturday, to 12 noon.

**Borough of Manhattan.**

First District—460 Lafayette ave. Additional Part is held at southwest corner of 6th ave. and 10th st. Telephone, 6030 Franklin.  
 Second District—264-266 Madison st. Telephone, 4300 Orchard.  
 Third District—314 W. 54th st. Telephone, 4530 Columbus.  
 Fourth District—Parts I and II, 207 E. 32d st. Telephone, 4358 Murray Hill.  
 Fifth District—Broadway and 96th st. Telephone, 4006 Riverside.  
 Sixth District—155 E. 88th st.  
 Seventh District—70 Manhattan st.  
 Eighth District—21st st. and Sylvan place. Telephone, 3950 Harlem.  
 Ninth District—Madison ave. and 59th st. Parts I and II. Telephone, 3873 Plaza.

**Borough of The Bronx.**

First District—Town Hall, 1400 Williamsbridge road, Westchester. Trial of causes, Tuesday and Friday of each week. Telephone, 457 Westchester.  
 Second District—Washington ave. and 162d st. Telephone, 3043 Melrose.

**Borough of Brooklyn.**

First District—State and Court sts. Parts I and II. Telephone, 7091 Main.  
 Second District—495 Gates ave. Telephone, 504 Bedford.  
 Third District—6 Lee ave. Telephone, 955 Williamsburg.  
 Fourth District—14 Howard ave. Telephone, 5220 Third ave.  
 Fifth District—3220 Third ave. Telephone, 3907 Sunset.  
 Sixth District—236 Duffield st. Telephone, 6166 Main.  
 Seventh District—31 Pennsylvania ave. 8.45 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 m. Telephone, 904 East New York.

**Borough of Queens.**

First District—115 5th st., Long Island City. Telephone, 1420 Hunters Point.  
 Second District—Broadway and Court st., Elmhurst. Telephone, 87 Newtown.  
 Third District—1908 Myrtle ave., Glendale.  
 Fourth District—Town Hall, Jamaica. Telephone, 1654 Jamaica.

**Borough of Richmond.**

First District—Lafayette ave. and 2d st., New Brighton. Clerk's office open from 8.45 a. m. to 4 p. m. Telephone, 503 Tompkinsville.  
 Second District—Pomperoy. Edgewater Village Hall, Stapleton. Clerk's office open from 8.45 a. m. to 4 p. m. Telephone, 313 Tompkinsville.

**COURT OF SPECIAL SESSIONS.**

Court opens at 10 a. m.  
 Part I, Criminal Court Building, Manhattan.  
 Part II, 171 Atlantic ave., Brooklyn. Telephone, Main 4280.

Part III, Town Hall, Jamaica. Held on Tuesday of each week. Telephone, 2620 Jamaica.  
 Part IV, Borough Hall, St. George. Held on Wednesday of each week. Telephone, 324 Tompkinsville.

Part V, 161st st. and 3d ave., Bronx. Held on Thursday of each week. Telephone, 9088 Melrose.  
 Frank W. Smith, Chief Clerk.

**Children's Court.**  
 New York County—66 3d ave. Telephone, 1832 Stuyvesant.  
 Bronx County—35 E. 137th st. Court held on Wednesday and Friday of each week. Telephone, 9092 Melrose.

Michael Murray, Clerk.  
 Kings County—102 Court st. Telephone, 627 Main.

William C. McKee, Clerk.  
 Queens County—19 Flushing ave., Jamaica. Court held on Monday and Thursday of each week. Telephone, 2624 Jamaica.

Sydney Ollendorf, Clerk.  
 Richmond County—Corn Exchange Bank Building, St. George. Court held on Tuesday of each week. Telephone, 324 Tompkinsville.

Wil. m. J. Browne, Clerk.

**SUPREME COURT—APPELLATE DIVISION.**  
 First Judicial Department.  
 Madison ave., corner 25th st. 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. Orders called at 10:30 a. m. Telephone, 3840 Madison Square.

Alfred Wagstaff, Clerk.

**Second Judicial Department.**  
 Borough Hall, Brooklyn. Court meets from 2 p. m. to 5 p. m., excepting that on Fridays Court opens at 10 o'clock a. m. Clerk's office open 9 a. m. Telephone, 1392 Main.

John B. Byrne, Clerk.

**SUPREME COURT—APPELLATE TERM.**  
 503 Fulton st., Brooklyn. Court meets 10 a. m. Clerk's office open 9 a. m. Telephone, 8452 Main.

Joseph H. DeBraga, Clerk.

**SUPREME COURT—CRIMINAL DIVISION.**  
 Criminal Court Building. Court opens at 10:30 a. m. Clerk's office open from 9 a. m. to 4 p. m.; Saturday, to 12 m. Telephone, 6064 Franklin.

John B. Byrne, Clerk.

**SUPREME COURT—FIRST DEPARTMENT.**  
 County Court House. Court open from 10:15 a. m. to 4 p. m. Telephone, 4580 Cortlandt.

**SUPREME COURT—SECOND DEPARTMENT.**  
 Kings County.  
 Joralemon and Fulton sts., Brooklyn. Clerk's office hours, 9 a. m. to 5 p. m. Seven jury trial parts. Special term for trials. Special Term for motions. Special Term (ex-parte business). Court opens at 10 a. m. Naturalization Bureau, Hall of Records, Brooklyn. Telephone, 5460 Main.

James F. McGee, General Clerk.

**Queens County.**  
 County Court House, Long Island City. Court opens at 10 a. m. Trial and Special Term for motions and ex-parte business each month, except July, August and the first two weeks in September, in Part I. Trial Term, Part 2, February, April, June, last two weeks in September, and November. Special Term for Trials, January, April, June and October.

Clerk's Office open 9 a. m. to 5 p. m. Saturdays until 12 m. from Oct. to June. July, August and September until 2 p. m. Telephone, 3896 Hunter's Point.

Thomas B. Seaman, Special Deputy Clerk in Charge.

**Richmond County.**  
 Trial Term held at County Court House, Richmond. Special Term for trials held at Court room, Borough Hall, St. George. Special Term for motions held at Court House, Borough Hall, St. George.

C. Livingston Bostwick, County Clerk.

**POLICE DEPARTMENT.****Proposals.**

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., until 10 o'clock a. m., on

**WEDNESDAY, NOVEMBER 10, 1915.**  
 FOR FURNISHING, DELIVERING AND PUTTING TOGETHER PERFECT AND COMPLETE IN EVERY DETAIL THREE HUNDRED (300) STEEL SINGLE UNIT LOCKERS.

The time allowed for the performance of the contract is forty (40) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The bidder will state the price for which he will do all the work and provide, furnish and deliver all the labor and materials mentioned and described in said contract and specifications.

The bids will be compared and award made to the lowest bidder.

No bid will be considered unless it is accompanied by a deposit, which shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

For particulars as to the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications on file in the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

Bidders are requested to make their bids or estimate upon the blank form prepared by the Commissioner, 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, and any further information can be obtained at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

A. WOODS, Police Commissioner.

The City of New York, October 27, 1915.

See General Instructions to Bidders on last page, last column, of the "City Record."

**Owners Wanted for Unclaimed Property.**

**OWNERS WANTED BY THE PROPERTY**  
 Clerk of the Police Department of The City of New York, No. 240 Centre st., 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.

ARTHUR WOODS, Police Commissioner.

**OWNERS WANTED BY THE PROPERTY**  
 Clerk of the Police Department of The City of New York, No. 72 Poplar st., 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.

ARTHUR WOODS, Police Commissioner.

**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 Friday at 10 o'clock a. m.

**Commissioners of Sinking Fund.**

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesday, at 11 a. m., at call of the Mayor.

**Board of Revision of Assessments.**

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Thursday at 10:30 a. m., upon notice of the Secretary.

**Board of City Record.**

The Board of City Record meets in the City Hall at call of the Mayor.

**DEPARTMENT OF FINANCE.****Confirmation of Assessments.**

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 to all persons, owners of property, of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of Assessments for CLOSING AND ACQUIRING TITLE to the following named avenue in the BOROUGH OF BROOKLYN:

**TWENTY-EIGHTH WARD, SECTION 11.**  
**EVERGREEN AVENUE—OPENING AND EXTENDING,** from Chauncey Street to a line passing through a point on the northeasterly line of Evergreen Avenue, distant 73 feet southeasterly from its intersection with the southeasterly line of Pilling Street, and through a point on the southwesterly line of Evergreen Avenue, distant 118 feet southeasterly from its intersection with the southeasterly line of Pilling Street.

Confirmed September 22, 1915; Entered October 23, 1915. 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.:

Beginning at a point on the westerly right-of-way line of the Long Island Railroad where it is intersected by a line midway between Central avenue and Evergreen avenue, and running thence southwardly along the said right-of-way line to the intersection with a line distant 100 feet southwardly from and parallel with the southwesterly line of Evergreen Avenue, the said distance being measured at right angles to Evergreen avenue; thence northwardly along the said line parallel with Evergreen avenue to the intersection with a line midway between Pilling street and Granite street; thence southwardly along the said line midway between Pilling Street and Granite Street to the intersection with a line midway between Central avenue and Evergreen avenue 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, 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



the easterly line of Radcliff avenue as this street is laid out between Neil avenue and Colden avenue, the said distance being measured at right angles to Radcliff avenue; thence southwardly along the said line parallel with Radcliff avenue to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Brady avenue, the said distance being measured at right angles to Brady avenue; thence westwardly along the said line parallel with Brady 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 Brady avenue and the northwesterly line of Neil avenue, as these streets are laid out where they adjoin Nogart avenue on the west; thence southwestwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Brady avenue and the northeasterly line of Bear Swamp road as these streets are laid out between White Plains road and Cruger avenue; thence northwardly along the said bisecting line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Bronx Park East, the said distance being measured at right angles to Bronx Park East; thence northwardly along the said line parallel with Bronx Park East to the intersection with a line at right angles to Bronx Park East and passing through a point on its easterly side midway between Brady avenue and Lydig avenue; thence eastwardly along the said line at right angles to Bronx Park East to the intersection with the prolongation of a line midway between Brady avenue and Lydig avenue as these streets are laid out where they adjoin Brady avenue; thence southwardly along the said line midway between Nogart avenue and Radcliff avenue and along the prolongation of the said line to the intersection with a line parallel with Brady avenue and passing through the point of beginning; thence eastwardly along the said line parallel with Brady avenue to the point or place of beginning.

The above entitled assessment was entered on the day herebefore 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 assessments, interest will be collected thereon, as provided in section 1006 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 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, Municipal Building, north side, third floor, 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 December 22, 1915, 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 a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, October 23, 1915. o27.n8

#### 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 the assessment for OPENING AND ACQUIRING TITLE to the following named avenue in the BOROUGH OF QUEENS:

**FOURTH WARD.**  
**REMINGTON STREET—OPENING.** from Chichester Avenue to Beaufort Avenue. Confirmed July 14, 1915; entered October 23, 1915. 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 north by a line distant 100 feet northerly from and parallel with the northerly line of Chichester Avenue, said distance being measured at right angles to Chichester Avenue; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Remington street, the said distance being measured at right angles to Remington street, and by the prolongation of the said line; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Beaufort Avenue, the said distance being measured at right angles to Beaufort Avenue; and on the west by a line distant 135 feet westerly from and parallel with the westerly line of Remington street, the said distance being measured at right angles to Remington street, and by the prolongation of the said line.

The above entitled assessment was entered on the day herebefore 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 assessments, interest will be collected thereon, as provided by section 1010 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 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, 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 December 22, 1915, 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 assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, October 23, 1915. o27.n8

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:

**FIRST WARD, SECTION 1.**  
**BROADWAY — RESTORING ASPHALT PAVEMENT, EAST SIDE,** between Pine and Cedar Streets. Area of assessment: east side of Broadway between Pine and Cedar Streets, known as Lot No. 1 in Block 47.

The above assessment was certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

—that the same was entered on October 22, 1915, 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 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 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, Municipal Building, north side, third floor, 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 December 22, 1915, 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 assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, October 22, 1915. o25.n5

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:

**TWENTY-SECOND WARD, SECTION FOUR.**  
**WEST FORTY-NINTH STREET—RESTORING ASPHALT PAVEMENT** at the southeast corner. Area of assessment: Southeast corner of Seventy Avenue and Forty-ninth Street, known as Lot 61 in Block 1001.

The above assessment was certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

—that the same was entered on October 16, 1915, 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 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 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, Municipal Building, north side, third floor, 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 December 15, 1915, 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 assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, October 16, 1915. o19.29

#### 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 the assessment for OPENING AND ACQUIRING TITLE to the following named road in the BOROUGH OF THE BRONX:

**TWENTY-FOURTH WARD, SECTION 13.**  
**FIELSTON ROAD—OPENING.** from West Two Hundred and Sixty-second Street to the southerly limit of the property of the Northern Broadway Realty Associates. Confirmed August 12, 1915; entered October 15, 1915. 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.:

1. Beginning at a point on the prolongation of a line midway between Liebig Avenue and Tyndall Avenue, as these streets are laid out between Moshulu Avenue and West Two Hundred and Fifty-ninth street where it is intersected by the prolongation of a line distant 103 feet northerly from and parallel with the northerly line of West Two Hundred and Fifty-ninth

street as this street is laid out immediately east of Tyndall Avenue, the said distance being measured at right angles to West Two Hundred and Fifty-ninth street, and running thence eastwardly along the said line parallel with West Two Hundred and Fifty-ninth street and along the prolongation of the said line to the intersection with a line midway between Spencer Avenue and Huxley Avenue; thence southwardly along the said line midway between Spencer Avenue and Huxley Avenue and along the prolongation of the said line to the intersection with a line midway between Moshulu Avenue and Faraday Avenue; thence eastwardly along a line always midway between Moshulu Avenue and Faraday Avenue to the intersection with the prolongation of a line midway between Parkview Place and Sylvan Avenue 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 Sylvan Avenue as this street is laid out adjoining West Two Hundred and Fifty-fourth street, the said distance being measured at right angles to Sylvan Avenue; thence southwardly along the said line parallel with Sylvan Avenue and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Seminole Avenue as this street is laid out north of and adjoining West Two Hundred and Fifty-second street, the said distance being measured at right angles to Seminole Avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Seminole Avenue, the prolongation thereof to the intersection with a radial line passing through a point on the easterly line of Fieldston road distant 308.241 feet northerly from its intersection with the northerly line of West Two Hundred and Fifty-ninth street, the said distance being measured along the line of Fieldston road; thence westwardly along the said radial line to the intersection with the easterly line of Fieldston road; thence westwardly in a straight line to a point on the westerly line of Fieldston road distant 298.197 feet northerly from its intersection with the northerly line of West Two Hundred and Fifty-ninth street, the said distance being measured along the line of Fieldston road; thence westwardly along the said radial line to the intersection with the easterly line of Fieldston road; thence westwardly along a radial line to the intersection with a line parallel with Fieldston road as laid out in the tangent between West Two Hundred and Fifty-ninth street and West Two Hundred and Fifty-second street, and passing through a point on the westerly line of West Two Hundred and Fifty-ninth street, the said distance being measured along the line of Fieldston road; thence northwardly along the said line last described to the intersection with a line parallel with Fieldston road as laid out in the tangent between West Two Hundred and Fifty-ninth street and West Two Hundred and Fifty-second street, and passing through a point on the westerly line of West Two Hundred and Fifty-ninth street, the said distance being measured along the line of Fieldston road; thence northwardly along the said line last described to the intersection with a line parallel with Fieldston road as laid out in the tangent between West Two Hundred and Fifty-ninth street and West Two Hundred and Fifty-second street, and passing through a point on the westerly line of West Two Hundred and Fifty-ninth street, the said distance being measured at right angles to Faraday Avenue; thence northwardly along the said line parallel with Fieldston road to the intersection with the northerly line of West Two Hundred and Fifty-third street; thence northwardly from and parallel with the westerly line of Faraday Avenue to the intersection with a line parallel with Liebig Avenue and passing through the point of beginning; thence northwardly along the said line parallel with Liebig Avenue to the point or place of beginning.

2. Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of West Two Hundred and Sixty-second street, the said distance being measured at right angles to West Two Hundred and Sixty-second street; on the east by a line midway between Fieldston road and Spencer Avenue and by the prolongation of the said line; on the south by a line distant 100 feet northerly from and parallel with the northerly line of West Two Hundred and Fifty-ninth street, as this street is laid out immediately east of Tyndall Avenue, the said distance being measured at right angles to West Two Hundred and Fifty-ninth street, and on the west by a line midway between Fieldston road and Tyndall Avenue and by the prolongation of the said line.

—that the same was entered on the day herebefore 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 assessments, interest will be collected thereon, as provided by section 1006 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, Municipal Building, fourth floor, southeast corner of Arthur and Tremont Aves., Borough of The Bronx, 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 December 14th, 1915, 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, October 15, 1915. o19.29

#### Corporation Sales of Buildings.

**CORPORATION SALE OF BUILDINGS AND APPURTENANCES THEREON 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 certain buildings standing upon property owned by The City of New York, acquired by it for school purposes in the

**Borough of Brooklyn.**  
BEING the buildings, parts of buildings, etc., on the plot of ground on the northerly side of Wilson Street, 80 feet east of Bedford Avenue, adjoining P. S. No. 16, and known as Nos. 133 to 145 Wilson Street, in the Borough of Brooklyn, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting held October 6, 1915, the sale by sealed bids of the above described buildings and appur-

nances thereto will be held by direction of the Comptroller on

**THURSDAY, NOVEMBER 4, 1915,**  
at 11 A. M., in lots and parcels and in manner and form as follows:

**PARCEL NO. 1:** Seven three-story and basement brick houses No. 135 to No. 145 Wilson Street, Brooklyn.

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 368, Municipal Building, Borough of Manhattan, until 11.00 a. m. on the 26th day of Oct., 1915, 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 will 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 October 26, 1915," 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 368, Municipal Building, 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 TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE CITY RECORD.**

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, October 7, 1915. o28.n4

#### CORPORATION SALE OF BUILDINGS AND APPURTENANCES THEREON 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 certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

**Borough of The Bronx.**  
Being the buildings, parts of buildings, etc., standing within the lines of Damage Parcels 1, 2, 13, 14, 15, 16, 60, 61 and 62 of the proceeding for the opening and widening of Appleton Avenue from Fort Schuyler Road to Westchester Avenue, Ericson Place from Fort Schuyler Road to Appleton Avenue, and Fort Schuyler Road from the easterly boundary line of the land acquired for West Farms Road at Westchester Creek to Eastern Boulevard, in the Borough of The Bronx, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held October 6, 1915, 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

**MONDAY, NOVEMBER 1, 1915,**

at 11 A. M., in lots and parcels, and in manner and form, and at upset prices as follows:

**PARCEL NO. 4:** Two-story frame house with one-story extension front No. 1516 Fort Schuyler Road. Part of one-story frame shed. Cut shed 12.1 feet on west side by 16.9 feet on east side. Upset price, \$50.00.

**PARCEL NO. 5:** Two-story frame house No. 1512 Fort Schuyler Road and one-story frame store No. 1514 Fort Schuyler Road. Upset price, \$20.00.

**PARCEL NO. 7 AND 14:** Two-story frame house 1506 Fort Schuyler Road and one and one-half story rear building. Upset price, \$25.00.

**PARCEL NO. 8 AND 13:** Two-story frame building No. 1504 Fort Schuyler Road with two sheds and store house in rear. Upset price, \$50.00.

**PARCEL NO. 9-10 AND 2:** Part of frame blacksmith shop No. 1506 Pelham Road. Cut 31.7 feet on north side by 30.5 feet on south side. Upset price, \$10.00.

**PARCEL NO. 11 AND 1:** Part of two-story frame house and extension No. 1500 Pelham Road. Cut 27.4 feet on north side by 20.8 feet on rear. Upset price, \$50.00.

**PARCEL NO. 12 AND 62:** Part of two-story frame buildings and extension No. 1480 Fort Schuyler Road. Cut 21.8 feet on west side by 29.19 feet on east side. Also part of one and one-half story frame barn in rear on Ericson Place. Cut barn by line of Ericson Place. Upset price, \$75.00.

**PARCEL NO. 13 AND 61:** Two and one-half story frame house No. 1472 Fort Schuyler Road and shed in rear. Upset price, \$50.00.

**PARCEL NO. 14 AND 60:** Two and one-half story frame house No. 1470 Fort Schuyler Road; three story frame building, No. 1470 1/2 Fort Schuyler Road, and frame stable. Upset price, \$100.00.

**PARCEL NO. 16:** Retaining wall and steps at northeast corner of Ericson Place and Fort Schuyler Road. Upset price, \$10.00.

**PARCEL NO. 20:** Part of dock-gate and about 175 feet of board fence on south side of Fort Schuyler Road between Balcom Avenue and Westchester Creek. Cut gate 20.1 feet on front by 9.3 feet on west side. Upset price, \$20.

**PARCEL NO. 22:** Part of three-story frame building No. 1499 Fort Schuyler Road. Cut 9.9 feet on west side by 18.9 feet on east side. Upset price, \$25.00.

**PARCEL NO. 26:** Part of three-story brick building No. 1489 Fort Schuyler Road. Cut 21.2 feet on west side by 19.5 feet on east side. Upset price, \$75.00.

**PARCEL NO. 56:** Part of two-story frame house No. 1337 Fort Schuyler Road. Cut 11.6 feet on west side by 11.8 feet on east side. Upset price, \$150.00.

**PARCEL NO. 62:** Part of one-story brick building No. 1325 Fort Schuyler Road. Cut 21.4 feet on west side by 22.6 feet on east side. Upset price, \$40.00.

**PARCEL NO. 74:** Part of three-story frame



building at the southwest corner of Fort Schuyler Road and Waterbury Avenue. Cut 4.8 feet on west side by 3.7 feet on east side. Upset price, \$25.00.

PARCEL NO. 75: Retaining wall (78 feet) at the northwest corner of Fort Schuyler Road and Dudley Avenue. Upset price, \$5.00.

PARCEL NO. 77-82: Retaining wall (200 feet) on the north side of Fort Schuyler Road from Dudley Avenue to Harrington Avenue. Upset price, \$10.00.

PARCEL NO. 84: Retaining wall (30 feet) at the northeast corner of Fort Schuyler Road and Harrington Avenue. Upset price, \$2.00.

PARCEL NO. 85: Part of three-story frame building on the north side of Fort Schuyler Road, 30 feet east of Harrington Avenue. Cut 4.1 feet on west side by 3.5 feet on east side. Upset price, \$15.00.

PARCEL NO. 87: Retaining wall (34 feet) 50 feet east of Parcel No. 85. Upset price, \$2.00.

PARCEL NO. 88: Part of porch and steps of two-story frame building east of and adjoining Parcel No. 87. Upset price, \$2.00.

PARCEL NO. 94-95: Retaining wall (78 feet) on the north side of Fort Schuyler Road, 90 feet east of Coddington (Prospect) Avenue. Upset price, \$5.00.

PARCEL NO. 97: Part of three-story frame hotel at the southeast corner of Fort Schuyler Road and La Salle Avenue. Cut 29.3 feet on north side by 29.7 feet on the south side. Upset price, \$50.00.

PARCEL NO. 98: Stone wall adjoining Parcel No. 97. Upset price, \$5.00.

PARCEL NO. 109: Frame shed at the northwest corner of Fort Schuyler Road and Eastern Boulevard. Upset price, \$5.00.

PARCEL NO. 110: Part of two-story frame hotel at the northwest corner of Fort Schuyler Road and Puritan Avenue. Cut 5.3 feet on west side by 6.4 feet on east side. Upset price, \$25.00.

PARCEL NO. 111: Part of two-story frame house No. 1210 Fort Schuyler Road. Cut by line of street through rear part of house. Upset price, \$150.00.

PARCEL NO. 112: Two-story frame hotel and part of extension at northwest corner of Fort Schuyler Road and Bradford (Elliot) Avenue. Cut extension 10.1 feet on west side by 11.4 feet on east side. Upset price, \$200.00.

PARCEL NO. 114: Part of two-story frame house and extension No. 1176 Fort Schuyler Road. Cut by line of street through rear part of house and extension. Upset price, \$100.00.

PARCEL NO. 115: Two and one-half story frame house No. 1172 Fort Schuyler Road. Upset price, \$25.00.

PARCEL NO. 116: Part of one and one-half story frame house and all of one-story front extension No. 1170 Fort Schuyler Road. Cut house 3 feet on west side by 12 feet on east side. Upset price, \$25.00.

PARCEL NO. 117: Part of two-story frame house No. 1166 Fort Schuyler Road. Cut 28.5 feet on west side by 29.9 feet on east side. Upset price, \$25.

PARCEL NO. 118: Two and one-half story frame house and extensions No. 1162 Fort Schuyler Road. Upset price, \$35.00.

PARCEL NO. 119: Two-story frame house No. 1160 Fort Schuyler Road. Upset price, \$10.00.

PARCEL NO. 121: Two-story brick building and two sheds No. 1120 Fort Schuyler Road. Upset price, \$250.00.

PARCEL NO. 123: Two-story frame house and part of extension and one-story frame building at the northeast corner of Fort Schuyler Road and Meyers Street. Cut extension 3.2 feet on west side by 1.5 feet on east side. Upset price, \$100.00.

PARCEL NO. 126: Part of two-story frame house No. 1102 Fort Schuyler Road. Cut 17.5 feet on west side by 15.4 feet on east side. Upset price, \$25.00.

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 368, Municipal Building, Borough of Manhattan, until 11.00 a. m. on the 1st day of Nov., 1915, 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 enclosed in properly sealed envelopes, marked "Proposals to be opened November 1, 1915," 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 368, Municipal Building, 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 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, October 13, 1915. o15,n1

#### Corporation Sales of Real Estate.

BRYAN L. KENNELLY, Auctioneer.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the Commissioners of the Sinking Fund of the City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

**FRIDAY, NOVEMBER 5, 1915,** at 12 o'clock M., at the New York Real Estate Exchange, Nos. 14 and 16 Vesey Street, Borough of Manhattan, of the premises with the buildings and improvements thereon erected, known as Lot 12, in Block 72, Section 1, on the Tax Maps of the Borough of Manhattan, City of New York, and more particularly bounded and described as follows:

Beginning at the corner formed by the intersection of the easterly line of Front Street with the northerly line of Fletcher Street; running thence northerly along the easterly line of Front Street 32.5 feet; running thence easterly 93 feet

to a point distant 31.7 feet northerly from a point on the northerly line of Fletcher Street distant 93.3 feet easterly from the corner formed by the intersection of the northerly line of Fletcher Street with the easterly line of Front Street; running thence southerly 31.7 feet to the northerly line of Fletcher Street; running thence westerly along said northerly line of Fletcher Street 93.3 feet to the point or place of beginning.

The minimum or upset price at which said property shall be sold is hereby fixed at Thirty-five thousand (\$35,000) Dollars, plus the cost of advertising the sale. The sale to be made upon the following

**TERMS AND CONDITIONS:**  
The highest bidder will be required to pay ten per cent. (10%) of the amount of his bid, together with the auctioneer's fees, at the time of the sale, and ninety per cent. (90%) upon the delivery of the deed, which shall be within sixty (60) days from the date of the sale.

The deed so delivered shall be in form of a bargain and sale deed, without covenants. The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of the sale, and the person so failing to comply therewith will be held liable for any deficiencies which may result from such resale.

The right is reserved to reject any and all bids. Maps of said real estate may be seen on application at the Comptroller's Office (Division of Real Estate), Room 733, Municipal Building, Borough of Manhattan.

By order of the Commissioners of the Sinking Fund, under resolution adopted at meeting of the Board held October 6, 1915.

WM. A. PRENDERGAST, Comptroller, Department of Finance, Comptroller's Office, October 18, 1915. o19,n5

**Sales of Tax Liens.**  
**Notice of Continuation of Richmond Tax Sale.**

THE SALE OF THE LIENS FOR UNPAID taxes on the Real Estate of Corporations and Special Franchises, as to liens remaining unsold at the termination of the sale of July 7 and July 21, August 4, Aug. 18, Sept. 1, Sept. 15, Sept. 29, Oct. 13, 1915, has been continued to

**WEDNESDAY, DECEMBER 15, 1915,** at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 129 in the Borough Hall, New Brighton, Borough of Richmond, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. o16,d15

**Notice of the Continuation of The Bronx Tax Sale.**

THE SALE OF THE LIENS FOR UNPAID SPECIAL FRANCHISE TAXES AND REAL ESTATE OF CORPORATION TAXES for the Borough of the Bronx, as to liens remaining unsold at the termination of sale of August 9, 1915, has been continued to

**MONDAY, NOVEMBER 1, 1915,** at 2 o'clock P. m., pursuant to Section 1028 of the Greater New York Charter, and will be continued at that time on the 4th floor of the Bergen Building, corner of Arthur and Tremont Avenues, Borough of the Bronx, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. o17,n1

**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 surety companies, dated January 1, 1914.

**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 January 1, 1914.

**Asphalt, Asphalt Block and Wood Block Pavement.**  
Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated January 1, 1914.

January 1, 1914.  
WILLIAM A. PRENDERGAST, Comptroller.

**Interest on City Bonds and Stock.**  
**THE INTEREST DUE ON NOVEMBER 1, 1915,** on registered bonds and stock of The City of New York, and of the former corporations now included therein, will be paid on that day by the Comptroller at his office (Room 847, in the Municipal Building, at Chambers and Centre sts., in the Borough of Manhattan).

The coupons that are payable in New York or in London for the interest due on November 1, 1915, on assessment bonds and corporate stock of The City of New York will be paid on that day at the option of the holders thereof, either at the office of the Comptroller (Room 847, in the Municipal Building, at Chambers and Centre sts., in the Borough of Manhattan, New York City), in the United States, or at the office of Messrs. Seligman Brothers, 18 Austin Friars, London, E. C., England, in sterling.

The coupons that are payable only in New York for interest due on November 1, 1915, on bonds and stock of the present and former City of New York, of former corporations now included in The City of New York, and the former County of Queens, will be paid on that day at the office of the Comptroller (Room 847, in the Municipal Building, at Chambers and Centre sts., in the Borough of Manhattan, New York City).

The books for the transfer of bonds and stock on which interest is payable November 1, 1915, will be closed from October 5, 1915, to November 1, 1915.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, September 15th, 1915. s16,o30

**FIRE DEPARTMENT.**  
**Auction Sale.**

VAN TASSELL & KEARNEY, AUCTIONEERS, on behalf of the Fire Department, will offer for sale at public auction to the highest bidder, on

**FRIDAY, OCTOBER 29, 1915,** at premises No. 130 East 13th street, borough of Manhattan, at 12 m. on said date, the following nineteen horses:

**Borough of Manhattan.**  
Horses registered Nos. 49, 311, 313, 335, 456, 487, 522, 555, 674 and 908.

**Borough of Brooklyn.**  
Horses registered Nos. 176-B, 185-B, 203-B,

211-B, 233-B, 247-B, 295-N. Y., 773-B, and 258-N. Y.

The above horses may be seen at any time before the date of sale at department stables, 133 West 99th street, borough of Manhattan, and Bolivar and St. Edward streets, borough of Brooklyn.

ROBERT ADAMSON, Fire Commissioner. o25,29

**PUBLIC SERVICE COMMISSION.**  
**Invitation to Contractors.**

**Installation of Tracks for the Steinway Tunnel Rapid Transit Railway.**

Sealed bids or proposals for the installation of tracks for a portion of the Steinway Tunnel Rapid Transit Railroad in the Borough of Queens, New York City, will be received by the Public Service Commission for the First District, acting on behalf of The City of New York, at the office of said Commission at No. 154 Nassau Street, Borough of Manhattan, New York City, until the 12th day of November, 1915, at twelve fifteen (12:15) o'clock P. M., at which time and place or at a later date to be fixed by said Commission the proposals will be publicly opened.

The portion of said Rapid Transit Railroad for which said tracks are to be installed consists of three lines designated Steinway Tunnel Extension, Astoria Line and Corona Line and described as follows: Steinway Tunnel Extension: Beginning in Fourth Street about 2,400 feet east of Jackson Avenue and extending thence easterly under Fourth Street to a point near Van Ast Avenue; thence easterly through private property, intervening streets and the North Shore Yard of the Long Island Railroad to Davis Street; thence northerly over Davis Street and Ely Avenue to the Queensboro Bridge Plaza; thence easterly over said plaza to a point near Jackson Avenue, where the road divides into two branches; one branch, the Astoria Line, curving and extending northerly over Jackson Avenue and Second Avenue to a point near Ditmars Avenue; and the other branch, the Corona Line, extending easterly over Queens Boulevard, Greenpoint Avenue, Skillman Avenue and Roosevelt Avenue to a point near Sycamore Avenue.

The Contractor will not be required to furnish or install electrical or signal material or apparatus. The City will furnish to the Contractor certain materials which are to form a part of the complete tracks. The Contractor shall handle and transport the materials supplied by the City and shall furnish all other labor and materials for the complete installation of the tracks.

The Contractor must begin work on the Steinway Tunnel Extension, the Corona Line and the Astoria Line simultaneously within 30 days after the delivery of the contract and must complete all work within 6 months after the delivery of the contract, except as otherwise provided in the form of contract.

A fuller description of the work and other requirements, provisions, details and specifications are given in the Information for Contractors and in the form of contract, specifications, contract drawings, bond and Contractor's proposal, which are to be deemed a part of this Invitation and copies of which may be inspected and purchased at said office of said Commission.

The receipt of bids will be subject to the requirements specified in said Information for Contractors.

New York, October 22, 1915.  
PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. o26,n12

**Storm Drain for the Queensboro Subway Rapid Transit Railway.**

Sealed bids or proposals for the construction of a storm drain for the Queensboro Subway Rapid Transit Railway will be received by the Public Service Commission for the First District (hereinafter called the "Commission") at the office of the Commission at No. 154 Nassau Street, Borough of Manhattan, New York City, until the 3d day of November, 1915, at twelve fifteen (12:15) o'clock P. M., at which time and place or at a later date to be fixed by the Commission, the proposals will be publicly opened.

The said storm drain is to be a vitrified pipe drain with manholes and connections at intervals, extending under Queens Boulevard, in the Borough of Queens, from the west abutment of the Queensboro Subway Rapid Transit Railroad, between Hill and Rawson Streets, to the east abutment of said railroad, between Carolin Street and Gosman Avenue.

The work to be done will include the care and support of surface, subsurface and overhead structures, the maintenance of traffic and the restoration of street surfaces.

The method of construction will be generally by open trench excavation.

The contractor must complete the entire work within three months from the delivery of the contract.

A fuller description of the work and other requirements, provisions and specifications are given in the Information for Contractors and in the form of contract, contract drawings, bond and Contractor's Proposal, which are to be deemed a part of this Invitation and copies of which may be inspected and purchased at said office of the Commission.

The receipt of bids will be subject to the requirements specified in said Information for Contractors.

New York, October 19, 1915.  
PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. o20,n3

**For the Station Finish Work for Part of the Broadway-Fourth Avenue Rapid Transit Railroad.**

Sealed bids or proposals for the construction of station finish for eleven stations on that part of the Broadway-Fourth Avenue Rapid Transit Railroad beginning at a point near the intersection of Tenth Avenue and 39th Street and extending thence southwesterly over and along Tenth Avenue to New Utrecht Avenue, thence southerly over and along New Utrecht Avenue, City property and intersecting streets to a point in 86th Street near Nineteenth Avenue, thence southeasterly over and along 86th Street to a point at or near the intersection of 86th Street with Bay 41st Street, thence curving southeasterly into Stillwell Avenue and extending over and along Stillwell Avenue to a point about one hundred and fifty (150) feet north of the center line of Avenue Y.

The Contractor must begin work within thirty days after the delivery of the contract on such station or stations or other parts of said Railroad as the Engineer of the Commission may

direct and shall begin work on any of the remaining stations or other parts of said Railroad within ten days after notice and shall complete all work within six months from the delivery of the contract, except as otherwise provided in the form of contract.

A full description of the work and other requirements, provisions and specifications are given in the Information for Contractors and in the form of contract, contract drawings, bond and Contractor's Proposal, which are to be deemed a part of this invitation and copies of which may be inspected and purchased at said office of the Commission.

The receipt of bids will be subject to the requirements specified in said Information for Contractors.

New York, October 22, 1915.  
PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. o22,n5

**COUNTY CLERK, QUEENS COUNTY.**  
**Proposals.**

SEALED BIDS OR ESTIMATES WILL BE received by the County Clerk of Queens County, at his office, No. 364 Fulton Street, Jamaica, N. Y., until 11 o'clock A. M., on

**TUESDAY, NOVEMBER 9, 1915,** FOR ALL THE LABOR AND MATERIALS REQUIRED TO INSTALL FIREPROOF METAL BOOK CASES AND DOCUMENT FILES IN HIS OFFICE AT JAMAICA, NEW YORK.

The time allowed for the completion of the work and the full performance of the contract is forty (40) consecutive working days.

The security required will be eight hundred dollars.

Certified check or cash in the sum of forty dollars must accompany bid.

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for the whole job.

All work to be of the same materials and gauge as the fixtures recently installed and the color and trim to match in every particular.

Blank forms and further information may be obtained at the office of the County Clerk, 364 Fulton Street, Jamaica, N. Y.

LEONARD RUOFF, County Clerk, Dated October 22, 1915. o27,n9

See General Instructions to Bidders on last page, last column, of the "City Record."

**ARMORY BOARD.**  
**Proposals.**

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Mayor at 12 o'clock m.,

**MONDAY, NOVEMBER 1, 1915,** for the following work:  
14th Infantry, Borough of Brooklyn.

ITEM NO. 1: MASON WORK, EXCAVATION WORK, ETC.  
ITEM NO. 2: ELECTRIC WORK.  
ITEM NO. 3: HEATING WORK.  
ITEM NO. 4: PLUMBING WORK.

The time allowed to complete the work on each item is sixty (60) working days.

The amount of security required is as follows: Item No. 1, \$7,000; Items Nos. 2, 3 and 4, \$500 each.

The deposit to accompany each bid is as follows: Item No. 1, \$350. Items Nos. 2, 3 and 4, \$25 each.

Squadron C, Borough of Brooklyn.

ITEM NO. 5: ALTERATIONS IN COURTS BETWEEN STABLES.

The time allowed to complete the work is ninety (90) working days.

The amount of security required is \$5,000.

The deposit to accompany the bid is \$253.

8th Coast Defense Command, Borough of The Bronx.

ITEM NO. 6: SEWER AND CONNECTIONS.

The time allowed to complete the work is sixty (60) working days.

The amount of security required is \$1,500.

The deposit required to accompany the bid is \$75.

A separate proposal shall be submitted for each item.

Blank forms and other information may be obtained at the office of the Armory Board, Room 6, Basement, Hall of Records, Manhattan.

THE ARMORY BOARD—JOHN PURROY MITCHELL, Mayor; WILLIAM PRENDERGAST, Comptroller; GEORGE MCANENY, Pres't Board of Aldermen; GEORGE R. DYER, Brig. Gen. 1st Brig.; JOHN C. EDDY, Brig. Gen. 2nd Brig.; R. P. FORSHEW, Commodore, Naval Militia, N. Y.; LAWSON PURDY, Pres't Dept. of Taxes and Assessments.

Dated October 19, 1915. o19,n1

See General Instructions to Bidders on last page, last column, of the "City Record."

**BOARD OF ESTIMATE AND APPOINTMENT.**  
**Notice of Public Hearing.**

FRANCHISE MATTERS.

NOTICE IS HEREBY GIVEN THAT THE public hearing, in order that this Board may determine whether in its opinion certain electrical conductors in Jerome Avenue, between River Avenue and Woodlawn Road, Borough of The Bronx, shall be removed and placed under ground, which hearing was by resolution adopted October 1, 1915, fixed for this day, was continued until Friday, Nov. 5, 1915, at 10 o'clock a. m., in room 16, City Hall, Borough of Manhattan. All persons or corporations interested will be afforded an opportunity to appear and be heard at said time and place.

JAMES D. McGANN, Assistant Secretary, Telephone, 4560 Worth.

Dated October 8, 1915. o11,14,18,21,25,28,n5

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the Board of Estimate and Apportionment will hold a public hearing on Monday, November 8, 1915, at 10.30 o'clock in the forenoon, in room 16, City Hall, Borough of Manhattan, on the general question of the extension of motor bus service in the City of New York.

All persons and corporations interested will be afforded an opportunity to appear and be heard.

JAMES D. McGANN, Assistant Secretary, 4560 Worth.

New York, Oct. 22, 1915. o25,n8

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the hearing on the petition of Conron Bros. Co. for a franchise to construct, maintain and operate refrigeration pipes and extensions there-to into private property in Port Greene Place between Hanson Place and Atlantic Avenue, Borough of Brooklyn, for the purpose of distributing refrigeration, which hearing was by resolution adopted by this Board September 24, 1915, fixed for October 22, 1915, and was on that day continued until November 5, 1915, at 10 o'clock a. m. in room 16, City Hall, Borough of Man-



hattan, when and where all parties interested will have an opportunity to appear and be heard.  
JAMES D. MCGANN, Assistant Secretary.  
Tel. 4560 Worth.  
Dated, New York, Oct. 22, 1915. o25,n5

**PUBLIC NOTICE IS HEREBY GIVEN, PURSUANT TO LAW, THAT AT A MEETING OF THE BOARD OF ESTIMATE AND APPORTIONMENT, HELD OCTOBER 8, 1915, THE FOLLOWING PETITION WAS RECEIVED:**  
*To the Honorable the Board of Estimate and Apportionment of the City of New York:*  
The petition of the New York Railways Company respectfully shows:

First: That your petitioner is a street surface railway corporation, duly organized and existing under the laws of the State of New York and now operating a street surface railway in the Borough of Manhattan, City of New York, and has duly filed, pursuant to section 170 of the Railroad Law, a statement of extension of its road and branches thereof herein proposed.

Second: That for the purpose of constructing and operating branches or extensions of its present road, your petitioner desires to obtain from your Honorable Board, and hereby respectfully applies for its consent to and a grant of the right, privilege or franchise for the construction, maintenance and operation of a double-track street surface railway (including the necessary connections, switches, sidings, turntables, crossovers and suitable stands and other structures and substructures necessary for the accommodation and operation of said railway by the underground system of electricity or other motive power, which may be lawfully employed upon the same), as an extension or branch of its existing railway and for public use in the conveyance of persons and property for compensation in, through, upon, along and over the surface of certain streets, avenues, highways and public places in the Borough of Manhattan, City of New York, of which the following is a description:

Beginning at and connecting with the present tracks in the transverse road ending at a point east of the easterly side of West 86th Street and Central Park West; thence with double tracks westerly in, upon, along and over West 86th Street, crossing Eighth Avenue or Central Park West, Columbus Avenue and Amsterdam Avenue, to a point at the easterly side of Broadway, all in the Borough of Manhattan, City of New York and State of New York, together with the right to cross such other streets, avenues, highways and bridges as may be encountered in said route.

Third: That said corporation proposes to operate said extension of branch by the underground system of electricity substantially similar to that now in use upon its other line, or by any other motive power other than locomotive steam power, which may be approved by the Public Service Commission for the First District and consented to by owners of property bounded on the same, as provided by law.

WHEREFORE, your petitioner prays that public notice hereof and of the time and place when and where this application will be first considered, be given as required by the provisions of section 172 of the Railroad Law and all other laws applicable thereto, and that the desired consent or grant be given in the form of a contract or resolution and upon terms as to compensation or otherwise, in accordance with the provisions of the Greater New York Charter.

Dated City of New York, September 21, 1915.  
NEW YORK RAILWAYS COMPANY, by  
FRANK HEDLEY, Vice-President.

Attest: H. M. FISHER, Secretary.

Seal.

State of New York, County of New York, ss.:  
Frank Hedley, being duly sworn, deposes and says that he is Vice-President of the New York Railways Company, the petitioner named in the foregoing petition; that he has read the foregoing petition and knows the contents thereof; that the same is true of his own knowledge except as to the matters therein stated to be upon information and belief, and as to those matters he believes it to be true. FRANK HEDLEY.

Subscribed and sworn to before me this 21st day of September, 1915.

K. F. BOUDY, Notary Public, New York County, No. 165. Certificate filed Register's Office, New York County, No. 7123.

—and the following resolutions were thereupon adopted:

Whereas, the foregoing petition from the New York Railways Company, dated September 21, 1915, was presented to the Board of Estimate and Apportionment at a meeting held October 8, 1915.

Resolved, That, in pursuance of law, this Board sets Friday, the fifth day of November, 1915, at ten 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 fourteen (14) 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.

JAMES D. MCGANN, Assistant Secretary, Room 1307, Municipal Building, Tel. 4560 Worth.  
New York, October 8, 1915. o23,n5

**PUBLIC NOTICE IS HEREBY GIVEN, PURSUANT TO LAW, THAT AT A MEETING OF THE BOARD OF ESTIMATE AND APPORTIONMENT, HELD APRIL 30, 1915, THE FOLLOWING PETITION WAS RECEIVED:**  
*To the Honorable the Board of Estimate and Apportionment of the City of New York:*  
The petition of The New York and North Shore Traction Company respectfully shows:

That by two several contracts dated respectively February 1st and April 14th, 1909, as amended by a contract dated Nov. 25th, 1913, the City of New York granted to petitioner a franchise to build and operate an electric street surface railroad on certain streets in Queens Borough, New York City, N. Y.

That in each of said contracts as so amended your petitioner is required to pay the City for the privilege of the franchise certain annual payments, therein recited.

That on account of various local conditions due to stagnation in business and the heavy taxes now imposed upon it the receipts of the company are much less than they were anticipated by both parties to the contract when it was made, and are in fact so small that it is impossible for the company to remain solvent unless relieved from the payments to the City required by said contracts.

Your petitioner therefore prays that it be relieved from such payments to the City required by said contracts or that the amounts of said payments be reduced.

Dated April 16th, 1915.  
THE NEW YORK AND NORTH SHORE TRACTION COMPANY, by GEORGE A. STANLEY, President.

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

George A. Stanley, being duly sworn, deposes and says that he is the President of the New York and North Shore Traction Company, the petitioner above named; that he has read the foregoing petition and knows the contents thereof; and that the same is true to the knowledge of deponent, except as to the matters therein stated to be alleged upon information and belief, and as to those matters he believes it to be true. GEORGE A. STANLEY.

Sworn to before me this 16th day of April, 1915.

BENJAMIN R. DUFF, Notary Public, Queens County, No. 657. Certificate filed in New York County, No. 155; New York County Register's No. 7140; Commission expires March 30, 1917.

—and at a meeting of Oct. 8, 1915, the following resolutions were adopted:

Whereas, the foregoing petition from the New York and North Shore Traction Company, dated April 16, 1915, was presented to the Board of Estimate and Apportionment at a meeting held April 30, 1915.

Resolved, That, in pursuance of law, this Board sets Friday, the fifth day of November, 1915, at 10 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 twice 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.

JAMES D. MCGANN, Assistant Secretary, Room 1307, Municipal Building, Tel. 4560 Worth.  
New York, Oct. 8, 1915. o23,n5

#### Notices of Public Hearings.

##### PUBLIC IMPROVEMENT MATTERS.

**NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 15, 1915, the Board continued until October 29, 1915, the hearing on the proposed reapportionment of the cost and expense of the proceeding for acquiring title to the property required for the extension of Flatbush Avenue Extension, between Concord Street and Nassau Street, Borough of Brooklyn.**

The hearing will be held in the City Hall, Borough of Manhattan, City of New York, on Friday, October 29, 1915, at 10 o'clock a. m.

The following is the proposed reapportionment of cost and expense:

District No. 1 to bear 12 1/2% of the entire cost and expense.  
Comprises property designated on the maps of the Department of Taxes and Assessments for the year 1914 as Lots Nos. 9, 47 and 48, in Block No. 107; Lots Nos. 1, 2, 3, 5, 6, 7 and 9 in Block No. 108; and Lots Nos. 12, 13, 14, 15, 16, 17 and 18 in Block No. 118.

District No. 2 to bear 10% of the entire cost and expense.

Comprises the following area: Beginning at a point on the southerly line of Concord Street distant 25 feet easterly from the easterly line of Bridge Street, the said distance being measured at right angles to Bridge Street, and running thence southwardly and parallel with Bridge Street to a point distant 25 feet easterly from the easterly line of Flatbush Avenue Extension, the said distance being measured at right angles to Flatbush Avenue Extension; thence southwardly and always distant 25 feet easterly from and parallel with the easterly line of Flatbush Avenue Extension to a point distant 100 feet northerly from the northerly side of DeKalb Avenue, the said distance being measured at right angles to DeKalb Avenue; thence westwardly and always distant 100 feet from and parallel with the northerly side of DeKalb Avenue to a point 25 feet westerly from the westerly side of Flatbush Avenue Extension, said distance being measured at right angles to Flatbush Avenue Extension; thence northwardly and always distant 25 feet westerly from and parallel with the westerly line of Flatbush Avenue Extension to the intersection with the southerly line of Concord Street; thence eastwardly along the southerly line of Concord Street to the point or place of beginning, excluding therefrom such land as is included in District No. 1.

District No. 3 to bear 17 1/2% of the entire cost and expense.

Comprises the following area: Beginning at a point 25 feet easterly from the easterly side of Flatbush Avenue Extension, which point is also 100 feet northerly from the northerly side of DeKalb Avenue, and running thence southwardly and always distant 25 feet easterly from and parallel with the easterly line of Flatbush Avenue Extension and Flatbush Avenue to the intersection with the prolongation of a line distant 100 feet southerly from the southerly line of Flatbush Avenue Extension, said distance being measured at right angles to Flatbush Avenue; thence westwardly along the said line parallel with Flatbush Avenue, and along the prolongation of the said line to a point distant 25 feet westerly from the westerly line of Flatbush Avenue, the said distance being measured at right angles to Flatbush Avenue; thence northwardly and always distant 25 feet westerly from and parallel with the westerly line of Flatbush Avenue and Flatbush Avenue Extension to a point 100 feet northerly from the northerly side of DeKalb Avenue, said distance being measured at right angles to DeKalb Avenue; thence eastwardly along the easterly line of DeKalb Avenue, the said distance being measured at right angles to DeKalb Avenue, to a point distant 100 feet from and parallel with the northerly side of DeKalb Avenue to the point or place of beginning.

District No. 4 to bear 10% of the entire cost and expense.

Comprises the following area: Beginning at a point in the southerly line of Concord Street distant 150 feet easterly from the easterly line of Bridge Street, the said distance being measured at right angles to Bridge Street; and running thence southwardly and parallel with Bridge Street to a point distant 150 feet easterly from the easterly line of Flatbush Avenue Extension, the said distance being measured at right angles to Flatbush Avenue Extension; thence southwardly and always distant 150 feet easterly from and parallel with the easterly lines of Flatbush Avenue Extension and Flatbush Avenue to the intersection with the southerly line of Concord Street; thence eastwardly along the southerly line of Concord Street to the point or place of beginning, excluding therefrom such land as is included in Districts Nos. 1, 2 and 3. (The map showing the area of assessment in this proceeding is on file in the office of the Chief Engineer of the Board, Room 1347, Municipal Building.)

Dated October 18, 1915.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. o18,28

**NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 1st, 1915, the Board continued until October 29th, 1915, the hearing in**

the matter of acquiring title to Gerritsen Avenue from the northerly line of Avenue U as laid out east of Gerritsen Avenue to Avenue X, Borough of Brooklyn.

The hearing will be held in the City Hall, Borough of Manhattan, City of New York, on Friday, October 29th, 1915, at 10 o'clock a. m.

The following is the proposed area of assessment in the proceeding:

Bounded on the north by a line midway between Avenue S and Avenue T as these streets are laid out east of Gerritsen Avenue, and by the prolongation of the said line; on the east by the westerly pierhead and bulkhead line of Gerritsen Basin and the prolongation thereof; on the south by a line distant 1,000 feet southerly from and parallel with the southerly line of Avenue X as this street is laid out east of Gerritsen Avenue and by the prolongation of the said line, the said distance being measured at right angles to Avenue X; and on the west by a line distant 1,000 feet westerly from and parallel with the westerly line of Gerritsen Avenue and by the prolongation of the said line, the said distance being measured at right angles to Gerritsen Avenue. (The map showing the proposed area of assessment in this proceeding is on file in the office of the Chief Engineer of the Board, Room 1347, Municipal Building.)

Dated October 18, 1915.  
JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. o16,29

#### BOROUGH OF BROOKLYN.

##### Proposals.

**SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at Room No. 2, Borough Hall, until 11 o'clock A. M., on**

**THURSDAY, NOVEMBER 4, 1915.**

**NO. 1. FOR REPAIRING SIDEWALKS ON THE NORTH SIDE OF BEARD ST., BETWEEN CONOVER ST. AND VAN BRUNT ST. AND AT 28 OTHER LOCATIONS IN THE HEIGHTS DISTRICT OF THE BOROUGH OF BROOKLYN.**

The Engineer's estimate is as follows:  
9 lin. ft. old bluestone curb reset in concrete.  
60 sq. ft. new granite crosswalks.  
37 sq. ft. old granite blocks relaid on sand with joint filler of cement grout.  
3,985 sq. ft. old flagstones relaid.  
2,350 sq. ft. new flagstones.  
Time allowed, 30 working days. Security required, \$400.

**NO. 2. FOR REPAIRING SIDEWALKS ON THE WEST SIDE OF BROAD AVE. BETWEEN WILLOUGHBY AVE. AND DEARBORN AVE. AND AT 26 OTHER LOCATIONS IN THE PROSPECT HEIGHTS DISTRICT OF THE BOROUGH OF BROOKLYN.**

The Engineer's estimate is as follows:  
845 sq. ft. cement sidewalks.  
845 sq. ft. 6-inch cinder or gravel sidewalk foundation.  
2,100 sq. ft. old flagstones relaid.  
1,740 sq. ft. new flagstones.  
60 sq. ft. new bluestone crosswalks.  
9 sq. yds. old Belgian blocks relaid on sand with joint filler of cement grout.  
Time allowed, 30 working days. Security required, \$350.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per lin. ft., sq. ft., sq. yd. 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, Room 502, No. 50 Court Street, Brooklyn.

Dated Oct. 18, 1915. o22,n4  
See General Instructions to Bidders on last page, last column, of the "City Record."

#### DEPARTMENT OF EDUCATION.

##### Proposals.

**SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies, at the above office of the Department of Education, Park Ave. and 59th St., Manhattan, City of New York, until 11 a. m., on**

**MONDAY, NOVEMBER 1, 1915.**

**FOR FURNISHING AND DELIVERING SPECIAL AND GENERAL SUPPLIES FOR THE DAY AND EVENING HIGH SCHOOLS AND DAY AND EVENING ELEMENTARY SCHOOLS OF THE CITY OF NEW YORK.**

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1916.

The amount of security required is thirty (30%) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or class of items herein contained or hereto annexed, by which the bids will be tested. Award will be made to the lowest bidder on each item or class of items.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, southwest corner of Park Ave. and 59th St.

PATRICK JONES, Superintendent of School Supplies.

Dated October 20, 1915. o21,n1

See General Instructions to Bidders on last page, last column, of the "City Record."

**SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, corner Park Avenue and 59th Street, Borough of Manhattan, City of New York, until four o'clock P. M.**

**MONDAY, NOVEMBER 1, 1915.**

**Borough of The Bronx.**  
**FOR PRE-VENTION SHOP EQUIPMENTS IN PUBLIC SCHOOLS 28, 42, 44 AND 50, BOROUGH OF THE BRONX.**

The time allowed to complete the whole work in each school will be thirty (30) working days, as provided in the contract.

The amount of security required for each school and for each item of P. S. 42 (in case contract is made) is as follows:  
P. S. 28, \$800; P. S. 42, \$100 (Item 1); P. S. 42, \$800 (Item 2); P. S. 44, \$800; P. S. 50, \$300.

A separate bid must be submitted for all the work of each school, and for each item of P. S. 42, and award will be made as deemed to be to the best interests of the City.

The deposit accompanying bid on each school and on each item of P. S. 42 shall be five per centum of the amount of security.

In case the aggregate cost of all items awarded to any one contractor is less than One Thousand Dollars (\$1,000) no bond or contract will be necessary for such contractor.

Only one bid will be received from a bidder for each item.

Attention of all intending bidders is expressly called to page 1 of the printed specifications.

Bidders must be prepared to submit samples upon demand. Award of contract will be made to the lowest bidder on each item or classes of items where indicated.

Bidders must state the price of each item contained in the specifications, by which the bids will be tested.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms and 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, Park Avenue and 59th Street, Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated October 20, 1915. o20,n1

See General Instructions to Bidders on last page, last column, of the "City Record."

#### DEPARTMENT OF DOCKS AND FERRIES.

##### Proposals.

**SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at Pier "A," foot of Battery Place, North River, Manhattan, until 12 o'clock noon on**

**TUESDAY, NOVEMBER 9, 1915.**

**Borough of Manhattan.**

**CONTRACT NO. 1482.**

**FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR DREDGING IN THE BOROUGH OF MANHATTAN.**

The time for the completion of the work and the full performance of the contract is on or before December 31, 1915.

The amount of security required is \$5,000.00.

The bidder shall state, both in writing and in figures, a price per cubic yard for doing all of the work called for. The contract is entire and for a complete job, and, if awarded, will be awarded to the bidder whose price per cubic yard is the lowest and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

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 at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.  
Dated October 25, 1915. o27,n9

See General Instructions to Bidders on last page, last column, of the "City Record."

**SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at Pier "A," foot of Battery Place, North River, until 12 o'clock noon on**

**WEDNESDAY, NOVEMBER 3, 1915.**

**CONTRACT NO. 1480.**

**FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS TO THE MUNICIPAL FERRYBOAT "MANHATTAN."**

The time for the completion of the work and the full performance of the contract is on or before the expiration of sixty (60) calendar days.

The amount of security required is \$1,400.00.

The bidder shall state, both in writing and in figures, a total price for furnishing all of the labor and materials and for doing all of the work called for. 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 of the work and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

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 at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.  
Dated October 20, 1915. o21,n3

See General Instructions to Bidders on last page, last column, of the "City Record."

#### DEPARTMENT OF TAXES AND ASSESSMENTS.

##### PROPERTY OWNERS, NOTICE!

The annual Record of the Assessed Valuation of Real Estate in the City of New York for 1916 will be open for inspection, examination, and correction from

**OCTOBER 1 until, but not including, NOVEMBER 16, 1915.**

The annual Record of Assessed Valuation of Personal Estate for the City of New York for 1916 will be open for inspection, examination, and correction from

**OCTOBER 1 until, but not including, DECEMBER 1, 1915.**

During the time the books are open for inspection, application may be made to the Department of Taxes and Assessments by any person or corporation claiming to have corrected the assessed valuation to have it corrected.

Applications for the reduction of Real Estate assessments must be made in writing and should be upon blanks furnished by the Department.

Applications for the correction of the Personal assessments of corporations must be filed at the main office in the Borough of Manhattan.

Applications in relation to the assessed valuation of Personal Estate must be made by the person assessed at the office of the Department in the Borough where such person resides, and in case of a non-resident carrying on business in the City of New York, at the office of the Department in the Borough where such place of business is located, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when all applications must be made between 10 A. M. and 12 noon.

**LOCATION OF OFFICES.**

Manhattan—Main Office, Municipal Building, 9th Floor.

Bronx—Bergen Building, Tremont and Arthur Aves.

Brooklyn—Offerman Building, Duffield and Fulton Sts.

Queens—Court House Square, Long Island City.

Richmond—Borough Hall, New Brighton, S. I.

LAWSON PURDY, President; JOHN J. HALLERAN, CHAS. T. WHITE, COLIN H. WOODWARD, ARDOLPH L. KLINE, GEORGE V. MULLAN, FREDERIC B. SHIPLEY, Commissioners. s27,d1

#### MUNICIPAL CIVIL SERVICE COMMISSION.

##### Notices of Examinations.

**PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from**

**THURSDAY, OCTOBER 21, 1915, TO FRIDAY, NOVEMBER 5, 1915,**

**for the position of**

**ATTENDANT, MALE, GRADE 1 (INCLUDING MESSENGER, WATCHMAN AND BRIDGE TENDER).**

No application delivered at the office of the Commission, by mail or otherwise, after 4 P. M., FRIDAY, NOVEMBER 5, 1915, will be accepted. Application blanks will be mailed upon



request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York. Length of residence will not be accepted in lieu of citizenship. Proof of naturalization must accompany application—your own or your parent's papers.

The subjects and weights of the examination are: General Paper, 7; Arithmetic, 2; Handwriting, 1; 70% is required on the examination as a whole.

A physical examination will precede the mental examination. Those who fail to pass the physical examination will not be summoned for the mental test. The dates of the physical and mental examinations will be announced later.

Minimum age, 21 years; salary at the rate of \$2.50 per day.

The eligible list resulting from this examination will be certified only for such temporary and permanent positions as Attendant, Messenger, Watchman and Bridge Tender as are not filled by reinstatement, transfer or promotion of employees in the City Service.

o21,n5 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

**SATURDAY, OCTOBER 16, 1915, TO SATURDAY, OCTOBER 30, 1915,**

for the position of

#### ACTUARIAL CLERK, GRADE 3.

No applications delivered at the office of the Commission, by mail or otherwise, after 12:00 M. SATURDAY, OCTOBER 30, 1915, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York. The subjects and weights of the examination are: Duties, 4; Mathematics, 4; Experience, 2. 70% is required on experience; 70% on all.

The examination in Mathematics will include calculations employed in the handling of actuarial problems, algebra and the use of logarithms. Applications for this examination must be filed on a special blank, Form C, with insert. Experience blanks will be issued with the applications, and must be filed with the Commission at the time of filing applications. The Experience will then be rated. Candidates receiving less than 70% in Experience will not be summoned for the Mental Examination.

**DUTIES:** Assisting in the adjustment of crude mortality rates prepared from tabulations in the computing department; constructing commutation tables; preparing annuity values and present values of pension benefits and working tables.

**REQUIREMENTS:** Candidates must present evidence of at least one year's experience in the actuarial department of a life insurance company or similar institution in positions involving the actual performance of duties like those described above, or other experience tending to qualify them for this work. Candidates must be thoroughly acquainted with mathematics as applied in actuarial work, especially logarithms, interest and annuities, permutations and combinations, chance or probability. Knowledge of actuarial terms and ability to read symbols and formulae are most essential.

Minimum age, 20 years. There is one vacancy in the Commission on Pensions. Salary, \$1,050.

The requirement of paragraph 12 of Rule VII, that no person who has entered any examination for appointment to a competitive position and failed, or who has withdrawn from an examination, shall be admitted within nine months from the date of such examination to a new examination for the same position, is waived for this examination.

Persons who have filed applications for ACTUARIAL CLERK, GRADE 3, since September 28, 1915, need not file applications for this examination.

o16,30 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received

**FROM FRIDAY, OCTOBER 23, 1915,**

at 2 p. m., and continuing thereafter until further notice for the position of

#### AUTO-TRUCK DRIVER, PART III.

at the office of the Application Bureau (Labor Class) in Room 1400, Municipal Building. Candidates must present New York State Chauffeur's License at the time of filing applications.

A practical test will be held. A preliminary physical test will be given.

Applicants must present themselves in person when filing applications on FRIDAY, OCTOBER 29, 1915, as no applications will be received by mail on that day. After FRIDAY, OCTOBER 29, 1915, application blanks will be mailed upon request, provided a self-addressed stamped envelope or proper postage is enclosed with the request, but the Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York. Proof of naturalization must accompany applications.

The minimum age is 21. The usual salary is \$960 to \$1,200 per annum.

o15,29 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

**THURSDAY, OCTOBER 14, 1915, TO THURSDAY, OCTOBER 28, 1915,**

for the position of

#### FARM INSTRUCTOR.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 P. M. THURSDAY, OCTOBER 28, 1915, will be accepted.

Application blanks will be mailed upon request, provided a self-addressed stamped envelope or four cents in postage stamps accompany the request, but the Commission will not guarantee the delivery of blanks. Postage on applications forwarded by mail must be fully prepaid.

The subject and weights of the examination are: Experience 3; Duties, 5; Oral, 2. 70% is required on experience; 70% is required on duties; 70% general average is required.

Applications for this examination must be filed on a special blank, Form C. Experience blanks will be issued with the applications. The experience will then be rated. Candidates receiving less than 70% on the experience paper will not be summoned for the physical examination. Candidates failing to pass the physical examination will not be summoned for the written examination.

A physical qualifying examination will be held. Age limits are 21 to 40 years.

There is one vacancy at present at New Hampton Farms of the New York City Reformatory for Misdemeanants, at New Hampton, Orange County, N. Y. The salary is \$900 per annum, and maintenance.

Candidates must present evidence of experience as a teacher in an ordinary school and in practical agricultural work, or work in an agri-

cultural school with experience in the handling of boys and men. The dates of the examination will be announced later.

The requirement that every application shall bear the certificates of four reputable citizens whose residences or places of business are within the City of New York is waived for applicants for this examination whose previous occupation or employment has been wholly or in part outside the City of New York, and the said certificates will be accepted from persons resident or engaged in business elsewhere.

Applicants must be citizens of the United States.

Persons accepting appointments must thereafter reside in the State of New York.

o14,28 R. W. BELCHER, Secretary.

#### DEPARTMENT OF PARKS.

##### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the office of the Department of Parks, Municipal Building, Manhattan, City of New York, until 3 o'clock p. m., on

**THURSDAY, OCTOBER 28, 1915,**

##### Borough of Brooklyn.

**NO. 1. FOR ALL LABOR AND MATERIALS REQUIRED FOR THE COMPLETION OF THE LABORATORY BUILDING AND GREENHOUSES FOR THE BROOKLYN BOTANIC GARDEN, SITUATED ON WASHINGTON AVENUE OPPOSITE CROWN AND MONTGOMERY STREETS, BOROUGH OF BROOKLYN, CITY OF NEW YORK.**

The amount of security required is sixty-five thousand dollars (\$65,000).

The time allowed to complete the work will be three hundred (300) consecutive working days.

Certified check or cash in the sum of three thousand two hundred and fifty dollars (\$3,250) must accompany bid.

**NO. 2. FOR ALL LABOR AND MATERIALS REQUIRED FOR THE STEAM HEATING AND VENTILATING APPARATUS FOR THE COMPLETION OF THE LABORATORY BUILDING AND GREENHOUSES FOR THE BROOKLYN BOTANIC GARDEN, SITUATED ON WASHINGTON AVENUE OPPOSITE CROWN AND MONTGOMERY STREETS, BOROUGH OF BROOKLYN, CITY OF NEW YORK.**

The amount of security required is seven thousand, five hundred dollars (\$7,500).

The time allowed to complete the work will be two hundred (200) consecutive working days.

Certified check or cash in the sum of three hundred and seventy-five dollars (\$375) must accompany bid.

**NO. 3. FOR ALL LABOR AND MATERIALS TO BE FURNISHED FOR THE ERECTION AND COMPLETION OF THE PLUMBING, DRAINAGE, WATER AND GAS SUPPLY SYSTEMS AND PLUMBING FIXTURES REQUIRED FOR THE LABORATORY BUILDING AND GREENHOUSES FOR THE BROOKLYN BOTANIC GARDEN, SITUATED ON WASHINGTON AVENUE OPPOSITE CROWN AND MONTGOMERY STREETS, BOROUGH OF BROOKLYN, CITY OF NEW YORK.**

The amount of security required is five thousand dollars (\$5,000).

The time allowed to complete the work will be two hundred and seventy (270) consecutive working days.

Certified check or cash in the sum of two hundred and fifty dollars (\$250) must accompany bid.

Blank forms and other information may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park West and 5th Street, Prospect Park, Brooklyn.

The bids will be compared and the contract awarded at a lump or aggregate sum.

CABOT WARD, President; RAYMOND V. INGERSOLL, THOMAS W. WHITTLE, JOHN E. WEIER, Commissioners of Parks. o16,28

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the office of the Department of Parks, Municipal Building, Manhattan, until 3 o'clock p. m., on

**THURSDAY, OCTOBER 28, 1915,**

##### Borough of Manhattan.

**FOR PAVING THE ROADWAY WITH ASPHALTIC CONCRETE UPON A CEMENT CONCRETE FOUNDATION, SETTING CURB AND OTHERWISE IMPROVING THE SERVICE ROAD OF RIVERSIDE DRIVE AS REQUIRED BETWEEN NINETY-FIRST AND ONE HUNDRED AND FOURTEENTH STREETS, INCLUDING THE APPROACHES FROM THE DRIVE TO CATHEDRAL PARKWAY AND THE INTERSECTION AT SEVENTY-NINTH STREET, UNDER SPECIFICATION B.**

The time allowed for the completion of the whole work will be forty (40) consecutive working days.

The amount of the security required is fifteen thousand dollars (\$15,000).

Certified check or cash in the sum of seven hundred and fifty (750) dollars must accompany bid.

Blank forms and other information may be obtained at the office of the Department of Parks, Borough of Manhattan, Room 1004, Municipal Building, Chambers and Centre Streets.

The bids will be compared and the contract awarded at a lump or aggregate sum.

CABOT WARD, President; RAYMOND V. INGERSOLL, THOMAS W. WHITTLE, JOHN E. WEIER, Commissioners of Parks. o16,28

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the office of the Department of Parks, Municipal Building, Manhattan, until 3 o'clock p. m., on

**THURSDAY, OCTOBER 28, 1915,**

##### Borough of Manhattan.

**FOR PAVING THE ROADWAY WITH ASPHALTIC CONCRETE UPON A CEMENT CONCRETE FOUNDATION, SETTING CURB AND OTHERWISE IMPROVING THE SERVICE ROAD OF RIVERSIDE DRIVE AS REQUIRED BETWEEN NINETY-FIRST AND ONE HUNDRED AND FOURTEENTH STREETS, INCLUDING THE APPROACHES FROM THE DRIVE TO CATHEDRAL PARKWAY AND THE INTERSECTION AT SEVENTY-NINTH STREET, UNDER SPECIFICATION A.**

The time allowed for the completion of the whole work will be forty (40) consecutive working days.

The amount of the security required is fifteen thousand dollars (\$15,000).

Certified check or cash in the sum of seven hundred and fifty (750) dollars must accompany bid.

Blank forms and other information may be obtained at the office of the Department of Parks, Borough of Manhattan, Room 1004, Municipal Building, Chambers and Centre Streets.

The bids will be compared and the contract awarded at a lump or aggregate sum.

CABOT WARD, President; RAYMOND V. INGERSOLL, THOMAS W. WHITTLE, JOHN E. WEIER, Commissioners of Parks. o16,28

See General Instructions to Bidders on last page, last column, of the "City Record."

#### BOROUGH OF MANHATTAN.

##### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at Room 2032, Municipal Building, New York City, until 2 o'clock P. M., on

**FRIDAY, NOVEMBER 5, 1915,**

**NO. 1. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF LEXINGTON AVENUE FROM 38TH STREET TO 41ST STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.**

Engineer's Estimate of the Amount of Work to be Done.

1,150 Lin. Ft. New 5' bluestone curbstone.

100 Lin. Ft. New 5' bluestone corner curbstone.

270 Lin. Ft. Old curb, redressed.

10 Sq. Ft. Concrete sidewalk, Class A.

10 Lin. Ft. Granite headers.

10 Lin. Ft. Temporary headerstone.

420 Cu. Yds. Concrete outside of R. R. area.

2,050 Sq. Yds. Sheet asphalt pavement outside of R. R. area.

60 Sq. Yds. Sheet asphalt pavement in approaches.

5 Sewer manhole heads complete.

6 Covers for sewer manholes.

1 Ring for sewer manhole.

3 Cu. Yds. Brick masonry.

Work in Railroad Area:

170 Cu. Yds. Concrete.

1,350 Sq. Yds. Sheet asphalt pavement.

The time allowed for the full completion of the work will be twenty-seven (27) consecutive working days.

The amount of security required will be \$2,000 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

**NO. 2. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WEST SIDE OF BROADWAY FROM CURB TO RAIL FROM THE NORTH SIDE OF 108TH STREET TO THE NORTH SIDE OF 110TH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.**

Engineer's Estimate of the Amount of Work to be Done.

10 Cu. Yds. Earth excavation for sewer apertures.

10 Cu. Yds. Rock excavation for sewer apertures.

10 Cu. Yds. Backfilling in excavation for sewer apertures.

470 Lin. Ft. New 6" Granite curbstone.

60 Lin. Ft. New 6" Granite corner curbstone.

10 Lin. Ft. Old curb, redressed.

140 Sq. Ft. Concrete sidewalk, Class A.

380 Sq. Yds. Concrete outside of R. R. Area.

2,080 Sq. Yds. Sheet asphalt pavement outside of R. R. Area.

10 Sq. Yds. Sheet asphalt pavement in approaches.

1 Sewer manhole head complete.

2 Covers for sewer manholes.

1 Ring for sewer manhole.

3 Cu. Yds. Brick masonry.

1 Sluice Basin, Type A.

1 Sluice Basin, Type B.

40 Lin. Ft. Vitrified pipe, 12" diam.

Work in Railroad Area:

20 Cu. Yds. Concrete.

130 Sq. Yds. Sheet Asphalt pavement.

The time allowed for the full completion of the work will be twenty-five (25) consecutive working days.

The amount of security required will be \$1,500 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

**NO. 3. FOR REGULATING AND REPAVING ON A CONCRETE FOUNDATION THE ROADWAY OF 6TH AVENUE FROM 8TH STREET TO 19TH STREET WITH SHEET ASPHALT FROM CURB TO RAIL, GREENWICH AVENUE FROM 6TH AVENUE TO NORTH OF PERRY STREET WITH SHEET ASPHALT FROM CURB TO RAIL, AND WITH SHEET ASPHALT AND GRANITE BLOCK IN AND BETWEEN TRACKS, AND WEST 10TH STREET FROM GREENWICH AVENUE TO 6TH AVENUE WITH SHEET ASPHALT TOGETHER WITH ALL WORK INCIDENTAL THERETO, AS SHOWN ON PLAN.**

Engineer's Estimate of the Amount of Work to be Done.

290 Cu. Yds. Earth excavation for sewer apertures.

290 Cu. Yds. Rock excavation for sewer apertures.

290 Cu. Yds. Backfilling in excavation for sewer apertures.

10 Lin. Ft. New 5' bluestone curbstone.

4,439 Lin. Ft. New 6" granite curbstone.

1,110 Lin. Ft. New 6" granite corner curbstone.

2,150 Lin. Ft. Old curb, redressed.

1,500 Sq. Ft. Concrete sidewalk, Class A.

30 Lin. Ft. Granite headers.

10 Lin. Ft. Temporary headerstone.

3,290 Cu. Yds. Concrete outside of R. R. area.

17,410 Sq. Yds. Sheet Asphalt pavement outside of R. R. area.

50 Sq. Yds. Sheet asphalt pavement in approaches.

26 Sewer manhole heads complete.

33 Covers for sewer manholes.

7 Rings for sewer manholes.

3 Cu. Yds. Brick Masonry.

1 Receiving basin head and gutterstone to be shifted.

28 Remodeled receiving basins.

30 Lin. Ft. Platform flag, cut to line.

14 Sluice basins, Type A.

40 Sluice Basins, Type B.

750 Lin. Ft. Vitrified pipe, 12" diam.

Work in Railroad Area:

480 Cu. Yds. Concrete.

2,070 Sq. Yds. Sheet asphalt pavement.

1,240 Sq. Yds. Granite block pavement.

The time allowed for the full completion of the work will be sixty (60) consecutive working days.

The amount of security required will be \$15,000 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

**NO. 4. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 25TH STREET FROM 6TH TO 7TH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.**

Engineer's Estimate of the Amount of Work to be Done.

10 Cu. Yds. Earth excavation for sewer apertures.

10 Cu. Yds. Rock excavation for sewer apertures.

10 Cu. Yds. Backfilling in excavation for sewer apertures.

780 Lin. Ft. New 5' Bluestone Curbstone.

780 Lin. Ft. Old curb, redressed.

10 Sq. Ft. Concrete Sidewalk, Class A.

10 Lin. Ft. Granite headers.

10 Lin. Ft. Temporary headerstone.

520 Cu. Yds. Concrete.

2,640 Sq. Yds. Sheet asphalt pavement.

10 Sq. Yds. Sheet Asphalt Pavement in approaches.

3 Sewer Manhole heads complete.

4 Covers for sewer manholes.

1 Ring for sewer manholes.

3 Cu. Yds. Brick masonry.

1 Sluice basin, Type A.

1 Sluice Basin, Type B.

20 Lin. Ft. Vitrified pipe, 12" diam.

The time allowed for the full completion of the work will be twenty-one (21) consecutive working days.

The amount of security required will be \$2,000 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

**NO. 5. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 72ND STREET FROM CENTRAL PARK WEST TO COLUMBUS AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.**

Engineer's Estimate of the Amount of Work to be Done.

20 Cu. Yds. Earth excavation for sewer apertures.

20 Cu. Yds. Rock excavation for sewer apertures.

20 Cu. Yds. Backfilling in excavation for sewer apertures.

1,610 Lin. Ft. New 6" Granite curbstone.

40 Lin. Ft



# CONTRACT, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

3,335.0 Sq. Ft. Concrete sidewalk, Class A.  
3,762.0 Sq. Ft. New flagging.  
3,503.0 Sq. Ft. Old flagging relaid.

The time allowed for the full completion of the work and the full performance of the contract will be Fifty (50) consecutive working days.

The amount of security required will be Five Hundred Dollars (\$500).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure or article, by which the bids will be tested. The extensions must be made and footed up.

Blank forms and specifications may be had at the office of the Commissioner of Public Works, Bureau of Highways, Room 2124, Municipal Building, Borough of Manhattan.

MARCUS M. MARKS, President.

Oct. 23, 1915. o23,n5

See General Instructions to Bidders on last page, last column, of the "City Record."

## SEALED BIDS OR ESTIMATES WILL BE

received by the President of the Borough of Manhattan at Room 2032, Municipal Building, New York City, until 2 o'clock p. m., on

**THURSDAY, NOVEMBER 4, 1915.**

FOR THE FURNISHING OF ALL LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A TUNNEL RELIEF SEWER AND APPURTENANCES IN WEST 46TH STREET FROM THE HUDSON RIVER TO SEVENTH AVENUE, 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:

### Tunnel Items.

Item 1—Excavation of shafts, in earth, 125 cu. yds.

Item 2—Excavation of shafts, in rock, 229 cu. yds.

Item 3—Excavation of tunnels, 11,510 cu. yds.

Item 4—Backfilling shafts, 197 cu. yds.

Item 5—Class A concrete in shafts and manholes, 34 cu. yds.

Item 6—Class A concrete in tunnels, 3,560 cu. yds.

Item 7—Dry packing in tunnels and shafts, 600 cu. yds.

Item 8—Additional trimming in shafts, 100 sq. yds.

Item 9—Additional trimming in tunnels, 1,000 sq. yds.

Item 10—Grout of Portland cement in tunnels and shafts, 2,210 bbls. of cement.

Item 11—Vitrified shale hollow tile invert blocks in tunnels, 23,090 sq. ft.

Item 12—Permanent structural steel roof support in tunnels, 442,000 lbs.

Item 13—Permanent timber and lumber in tunnels and shafts, 54,600 ft. B. M.

### Open Cut Items.

Item 14—Double 6' 6" x 8' 6" concrete sewer, complete, 970 lin. ft.

Item 15—Double 7' 6" x 7' 6" concrete sewer, complete, 560 lin. ft.

Item 16—4' 0" x 2' 8" elliptical brick sewer, complete, 25 lin. ft.

Item 17—4' 0" x 2' 8" egg-shape brick sewer, complete, 25 lin. ft.

Item 18—15 in. vitrified pipe sewer, complete, 75 lin. ft.

Item 19—12 in. vitrified pipe sewer, complete, 50 lin. ft.

Item 20—Transition section and sanitary branch, including manhole No. 10 at Sta. 9 + 94, complete, 1.

Item 21—Transition section at Sta. 15 + 07, complete, 1.

Item 22—Manholes, complete, 18.

Item 23—Class B concrete, 100 cu. yds.

Item 24—Dry rubble masonry, 25 cu. yds.

Item 25—Rock excavation, 4,025 cu. yds.

Item 26—12 in. vitrified drain pipe, 100 lin. ft.

Item 27—Timber and flooring in foundation, 36,100 ft. B. M.

Item 28—Sheeting and bracing, 150,000 ft. B. M.

Item 29—Piles in place, 1,000 lin. ft.

### General Items.

(Apply to both open cut and tunnel and shaft work.)

Item 30—Brick masonry, 45 cu. yds.

Item 31—Vitrified brick masonry, 10 cu. yds.

Item 32—Rubble masonry in mortar, 25 cu. yds.

Item 33—Stone ballast other than that used in concrete, 100 cu. yds.

Item 34—Structural steel beams and shapes, with or without connections, 6,000 lbs.

Item 35—Miscellaneous cast iron, wrought iron and steel, 5,000 lbs.

Item 36—Additional steel reinforcement rods embedded in concrete, 25,000 lbs.

Item 37—8 in. vitrified drain pipe, 1,000 lin. ft.

Item 38—6 in. vitrified drain pipe for house connections, 1,000 lin. ft.

Item 39—3 in. vitrified drain pipe for weepers, 500 lin. ft.

Item 40—Earth excavation in test pits and temporary outlet, 1,200 cu. yds.

The time allowed for constructing and completing the sewer and appurtenances will be four hundred (400) consecutive working days.

The amount of security required will be One Hundred Thousand Dollars (\$100,000), and the amount of deposit accompanying the bid shall be five per cent. (5%) of the amount of security.

The bidder will state the price for each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard, or other unit of measure or article by which the bid will be tested. The contract, if awarded, will be awarded for the whole work at a lump sum.

Blank forms may be had, and the drawings, form of specification and contract may be seen at the office of the Commissioner of Public Works, Municipal Building, Bureau of Sewers, Room 2103, Borough of Manhattan, and may be obtained upon payment of a nominal fee.

MARCUS M. MARKS, President.

Oct. 18, 1915. o18,n4

See General Instructions to Bidders on last page, last column, of the "City Record."

## SEALED BIDS OR ESTIMATES WILL BE

received by the President of the Borough of Manhattan at Room 2032, Municipal Building, New York City, until 2 o'clock P. M., on

**THURSDAY, OCTOBER 28, 1915.**

FOR REGULATING AND PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF ARDEN STREET FROM N. S. OF NAGLE AVENUE TO THE S. S. SHERMAN AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

440 Lin. Ft. New 5" Bluestone curbstone.

80 Lin. Ft. New 6" Granite Corner curbstone.

1,000 Lin. Ft. Old curb, redressed.

500 Cu. Yds. Concrete.

2,500 Sq. Yds. Sheet Asphalt pavement.

The time allowed for the full completion of the work will be thirty (30) consecutive working days.

The amount of security required will be \$2,000 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

### NO. 3. FOR REGULATING AND PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 161ST STREET FROM WEST CURB LINE OF FORT WASHINGTON AVENUE TO EAST HOUSE LINE OF RIVERSIDE DRIVE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

1,380 Lin. Ft. New 5" Bluestone Curbstone.

40 Lin. Ft. New 6" Granite corner curbstone.

470 Cu. Yds. Concrete.

2,350 Sq. Yds. Sheet Asphalt Pavement.

The time allowed for the full completion of the work will be twenty (20) consecutive working days.

The amount of security required will be \$2,000 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

### NO. 4. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF FRONT STREET FROM WHITEHALL STREET TO COENTIES SLIP, AND FROM OLD SLIP TO FULTON STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

90 Cu. Yds. Earth Excavation for sewer appurtenances.

90 Cu. Yds. Rock Excavation for sewer appurtenances.

100 Cu. Yds. Backfilling in excavation for sewer appurtenances.

3,550 Lin. Ft. New 6-inch Granite Curbstone, furnished and set.

460 Lin. Ft. New 6-inch Granite Corner Curbstone, furnished and set.

270 Sq. Ft. Concrete Sidewalk, Class A.

20 Lin. Ft. Granite Headers.

1,060 Cu. Yds. Concrete outside railroad area.

5,120 Sq. Yds. Granite Block Pavement outside railroad area.

60 Sq. Yds. Sheet Asphalt Pavement in approaches.

20 Lin. Ft. Temporary Headerstone.

10 Sewer Manhole Heads.

13 Covers for Sewer Manholes.

3 Rings for Sewer Manholes.

5 Cu. Yds. Brick Masonry.

8 Receiving Basins remodeled.

50 Lin. Ft. Platform Flag, cut to line.

3 Sluice Basins, Type A.

1 Sluice Basin, Type B.

20 Lin. Ft. Vitrified Pipe, 12" diam.

Work in Railroad Area:

350 Cu. Yds. Concrete.

2,100 Sq. Yds. Granite Block Pavement.

The time allowed for the full completion of the work will be forty-five (45) consecutive working days.

The amount of security required will be \$10,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

### NO. 5. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 13TH STREET FROM 3D AVENUE TO 4TH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

740 Lin. Ft. New 5-inch Bluestone Curbstone, furnished and set.

10 Lin. Ft. New 6-inch Granite Corner Curbstone, furnished and set.

470 Lin. Ft. Old Curb, redressed.

400 Cu. Yds. Concrete.

2,010 Sq. Yds. Granite Block Pavement.

3 Sewer Manhole Heads.

4 Covers for Sewer Manholes.

1 Ring for Sewer Manholes.

3 Cu. Yds. Brick Masonry.

The time allowed for the full completion of the work will be twenty-six (26) consecutive working days.

The amount of security required will be \$2,500, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

### NO. 6. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 18TH STREET FROM W. S. OF 6TH AVENUE TO THE E. S. OF 7TH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

680 Lin. Ft. New 5" Bluestone curbstone.

410 Lin. Ft. Old Bluestone curb, redressed.

10 Lin. Ft. Granite headers.

10 Lin. Ft. Temporary headerstone.

460 Cu. Yds. Concrete.

2,400 Sq. Yds. Granite block pavement.

10 Sq. Yds. Sheet asphalt pavement in approaches.

4 Sewer manhole heads.

5 Covers for sewer manholes.

1 Ring for sewer manholes.

3 Cu. Yds. Brick Masonry.

25 Lin. Ft. platform flag, cut to line.

The time allowed for the full completion of the work will be twenty-seven (27) consecutive working days.

The amount of security required will be \$3,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

### NO. 7. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 5TH STREET FROM W. S. 11TH AVENUE TO E. S. 12TH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's Estimate of the Amount of Work to be Done.

10 Cu. Yds. Earth Excavation for sewer appurtenances.

10 Cu. Yds. Rock excavation for sewer appurtenances.

10 Cu. Yds. Backfilling in excavation for sewer appurtenances.

1,300 Lin. Ft. New 5-inch Bluestone Curbstone.

320 Lin. Ft. Old Curbstone, redressed.

80 Sq. Ft. Concrete Sidewalk, Class A.

540 Cu. Yds. Concrete.

2,720 Sq. Yds. Granite Block Pavement.

5 Sewer Manhole Heads.

6 Covers for Sewer Manholes.

1 Ring for Sewer Manholes.

3 Cu. Yds. Brick Masonry.

1 Sluice Basin, Type A.

1 Sluice Basin, Type B.

30 Lin. Ft. Vitrified Pipe, 12" diam.

The time allowed for the full completion of the work will be twenty-nine (29) consecutive working days.

The amount of security required will be \$3,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

The bidder will state the price for each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure or article, by which the bid will be tested. The contract, if awarded, will be awarded for the whole work at a lump sum.

Blank forms may be had and the plans and drawings may be seen at the offices of the Commissioner of Public Works, Municipal Building, Bureau of Highways, Room 2124, Borough of Manhattan, MARCUS M. MARKS, President.

Oct. 18th, 1915. o18,n2

See General Instructions to Bidders on last page, last column, of the "City Record."

## BOARD OF ASSESSORS.

### Completion of Assessments.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved and 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 Queens.

4603—Paving Ditmars Avenue from Second Avenue to Crescent Street, and Second (Debevoise) Avenue from Potter Avenue to Ditmars Avenue, First Ward. Affecting Blocks 65 to 67, 73 to 75, 78 to 80, 85 to 87, 91 to 93, 101 to 103, 107 to 109, 117 to 119, 124 and 125.

4761—Basins and appurtenances on the southwest corner of Ocean Avenue and Lefferts Avenue and on the northeast and southeast corners of Division Avenue and Burroughs Place, Fifth Ward. Affecting Blocks 37 and 59.

4772—Sewer and appurtenances in Bayreuth (Beech) Street from Murray Street to Wentworth Avenue, Third Ward. Affecting Blocks 122 and 124.

#### Borough of Brooklyn.

4724—Sewers in 11th Avenue from 70th Street to 72nd Street, and in 70th Street from 11th Avenue to 10th Avenue. Affecting Blocks 5880, 5898, 5903, 6165 and 6176.

4764—Sewer in 36th Street from Fort Hamilton Parkway to 12th Avenue. Affecting Blocks 5292, 5302 and 5304.

4784—Paving Apollo Street from Meeker Avenue to Nassau Avenue. Affecting Blocks 2692 and 2693.

4788—Paving 50th Street from 13th Avenue to 14th Avenue. Affecting Blocks 5642 and 5649.

4791—Paving 38th Street from 10th Avenue to Fort Hamilton Avenue. Affecting Blocks 5288 and 5289.

4794—Paving Webster Avenue from Gravesend Avenue to 47th Street. Affecting Blocks 5439 and 5440.

4802—Paving 71st Street from Fort Hamilton Parkway to 10th Avenue. Affecting Blocks 5897 and 5902.

4820—Paving and curbing Argyle Road (East 13th Street) from Church Avenue to Caton Avenue. Affecting Blocks 5073 and 5074.

4821—Paving Dumont Avenue from a point 125 feet east of Hopkinson Avenue to Howard Avenue. Affecting Blocks 3551 to 3558 and 3566 to 3573.

4822—Paving West Street from Church Avenue to 39th Street. Affecting Blocks 5350 to 5352, 5366 to 5369, 5383 and 5384.

4823—Paving 51st Street from 13th Avenue to 15th Avenue. Affecting Blocks 5649, 5650, 5656 and 5657.

4827—Paving 59th Street from 12th Avenue to 13th Avenue. Affecting Blocks 5703, 5704, 5710 and 5711.

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, Room 809, Municipal Building, New York, on or before Tuesday, November 23, 1915, at 10 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

ALFRED P. SEAMAN, WM. C. ORMOND, JACOB J. LESSER, Board of Assessors.

St. George B. Tucker, Secretary, Room 809, Municipal Building, City of New York, Borough of Manhattan.

October 23, 1915. o23,n4

## DEPARTMENT OF CORRECTION.

### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at Municipal Building, Manhattan, until 11 o'clock a. m., on

**TUESDAY, NOVEMBER 9, 1915.**

FURNISHING AND DELIVERING 80 GROSS TONS RELAYER RAIL, NEW HAMPTON FARMS, NEW HAMPTON, ORANGE COUNTY, NEW YORK.

The time for the delivery of the articles, materials and supplies, and the performance of the contract is by or before sixty calendar days.



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, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, 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.

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 8th day of November, 1915, 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, New York, October 25th, 1915.  
GEORGE VON SKAL, STEPHEN J. NAVIN, JR., Commissioners of Estimate. STEPHEN J. NAVIN, JR., Commissioner of Assessment.  
JOEL J. SQUIER, Clerk. o25,n3

## 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 161ST STREET, as widened, from Brook Avenue to Third Avenue, in accordance with resolution adopted by the Board of Estimate and Apportionment January 17, 1908, in the 23rd Ward, Borough of The Bronx, 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 5th day of November, 1915, 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, New York, October 22nd, 1915.  
LOUIS O. VAN DOREN, I. HOMER HILDRETH, EDWARD G. LANE, Commissioners of Estimate. J. HOMER HILDRETH, Commissioner of Assessment.  
JOEL J. SQUIER, Clerk. o22,n3

## 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, to the lands, tenements and hereditaments required for the opening and extending of WEST 238TH STREET, from Kingsbridge Avenue to Riverdale Avenue; WEST 236TH STREET, from Albany Road to Riverdale Avenue, excluding the right of way of the New York and Putnam Railroad; WALDO AVENUE, from Greystone Avenue to West 242nd Street, and GREYSTONE AVENUE, from Riverdale Avenue to West 242nd Street, in the 24th Ward, Borough of The Bronx, 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 3rd day of November, 1915, 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, New York, October 19th, 1915.  
GEO. F. STEBBING, FRANCIS P. KENNEY, LEO R. LAWLER, Commissioners of Estimate. FRANCIS P. KENNEY, Commissioner of Assessment.  
JOEL J. SQUIER, Clerk. o19,29

## SUPREME COURT—SECOND DEPARTMENT.

## Filing Bill of Costs.

## 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 EIGHTEENTH AVENUE (although not yet named by proper authority), from Jackson Avenue to the East River, in the First Ward, Borough of Queens, in The City of New York, as amended by an order of this Court bearing date the 11th day of October, 1911, and entered in the office of the Clerk of the County of Queens on the 13th day of October, 1911, as to relate to Eighteenth Avenue from Jackson Avenue to Berrigan Avenue, in accordance with the resolution adopted by the Board of Estimate and Apportionment on the 15th day of June, 1911.

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 11th day of November, 1915, at 10 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 Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, October 28th, 1915.  
WM. J. BURNETT, JOHN SILVESTRO, THOMAS F. MULLIGAN, Commissioners of Estimate and Assessment.  
WALTER C. SHEPPARD, Clerk. o28,n9

## 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 BAY 10TH STREET, from 86th Street to Bath Avenue, and CROPSLEY AVENUE, from 14th Avenue to 15th Avenue, in the 30th 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 11th day of November, 1915, at 10:00 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, New York, October 28th, 1915.  
WILLIAM L. O'MALLEY, PHILLIP F. LOHMANN, Commissioners of Estimate. WILLIAM L. O'MALLEY, Commissioner of Assessment.  
ANDREW C. TROY, Clerk. o28,n9

## Filing Preliminary Abstracts.

## 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 ROOSEVELT AVENUE, from Woodside Avenue to Waterdale Avenue; the PUBLIC PLACE bounded by Roosevelt Avenue, Elmhurst Avenue and Case Street; the PUBLIC PLACE at the intersection of Roosevelt Avenue with Louona Avenue; the triangular area bounded by Roosevelt Avenue, the easterly line of Vaux Street and Woodside Avenue; the triangular area bounded by Roosevelt Avenue, the easterly line of Warner Avenue and the southerly line of Aske Street; SACKETT STREET, from Roosevelt Avenue to Forty-second Street; and LOUONA AVENUE where it adjoins the Public Place at Roosevelt Avenue, in the Second and Third Wards, Borough of Queens, 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, 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 16th day of November, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 18th day of November, 1915, at 3 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, 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 16th day of November, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 19th day of November, 1915, at 3:30 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 13th day of June, 1912, 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.:

Beginning at a point on a line midway between Third Street and Fourth Street, distant 100 feet northerly from the northerly line of Stryker Avenue, the said distance being measured at right angles to Stryker Avenue, and running thence eastwardly and parallel with Stryker Avenue to the intersection with the prolongation of a line midway between Fillmore Avenue and Polk Avenue; thence eastwardly along the said line midway between Fillmore Avenue and Polk Avenue and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Polk Avenue, as this street is laid out easterly from Junction Avenue, the said distance being measured at right angles to Polk Avenue; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Polk Avenue to the intersection with the prolongation of a line midway between Coman Street and Polk Avenue; thence eastwardly along the said line midway between Coman Street and Polk Avenue, and along the prolongations of the said line to the intersection with a line distant 1,160 feet northerly from and parallel with the southerly line of Roosevelt Avenue; the said line is laid out adjoining Waterdale Avenue, the said distance being measured at right angles to Roosevelt Avenue; thence eastwardly along the said line parallel with Roosevelt Avenue to the intersection with a line midway between Jane Street and Henry Street, as these streets are laid out upon a map adopted by the Board of Trustees of the Village of Flushing on October 5, 1875; thence southwardly along the said line midway between Jane Street and Henry Street, and along the prolongation of the said line to the intersection with the northerly right of way line of the Flushing and Northside Division of the Long Island Railroad; thence westwardly along the said right of way line to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Peartree Avenue, as this street is laid out where it adjoins Roosevelt Avenue; thence northwardly along the prolongation of the said line parallel with Peartree Avenue to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of

Kingsland Avenue, as this street is laid out westwardly from Peartree Avenue, the said distance being measured at right angles to Kingsland Avenue; thence westwardly along the said line parallel with Kingsland Avenue, and along the prolongation of the said line to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Forty-second Street, the said distance being measured at right angles to Forty-second Street; thence northwardly along the said line parallel with Forty-second Street to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Hunt Street, the said distance being measured at right angles to Hunt Street; thence westwardly along the said line parallel with Hunt Street to the intersection with a line midway between Van Dine Street and Van Nest Street; thence northwardly along the said line midway between Van Dine Street and Van Nest Street to the intersection with a line always distant 1,100 feet southerly from and parallel with the southerly line of Roosevelt Avenue, the said distance being measured at right angles to Roosevelt Avenue; thence westwardly along the said line parallel with Roosevelt Avenue to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Grout Avenue, as this street is laid out between Third Street and Fourth Street; thence westwardly along the said line parallel with Grout Avenue and along the prolongation of the said line to the intersection with a line midway between Third Street and Fourth Street; thence northwardly along a line always midway between Third Street and Fourth Street 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 18th day of November, 1915.

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 27th day of January, 1916, 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, New York, October 11th, 1915.  
HERMAN E. WINNE, Chairman. WILLET C. DIERMAN, JOHN H. STILLWAGON, Commissioners of Estimate. HERMAN E. WINNE, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. o25,n11

## 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 YOUNG STREET (although not yet named by proper authority) from Hunters Point Avenue to Review Avenue, in the 1st Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, Second Department, dated the 4th day of May, 1915, and entered in the office of the Clerk of the County of Queens on the 6th day of May, 1915, so as to provide for the acquisition of title to Young Street, between Hunters Point Avenue and Review Avenue and to the Public Park bounded by Gale Street, Young Street and Borden Avenue, as the same are now laid out upon the map or plan of The City of New York. The land to be affected by this amendment is more particularly shown upon a map attached to the aforesaid order.

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, 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 15th day of November, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 17th day of November, 1915, at 2 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, 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 15th day of November, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 18th day of November, 1915, at 2 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 amended area of assessment fixed and prescribed as the amended area of assessment for benefit by the Board of Estimate and Apportionment on the 8th day of January, 1915, and that the said amended 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.:

Beginning at a point on the southerly line of Hunters Point Avenue where it is intersected by a line midway between Young Street and Peersall Street, and running thence westwardly along the said line midway between Young Street and Peersall Street to the intersection with a line at right angles to Peersall Street and passing through a point on its southerly side where it is intersected by a perpendicular to the line of Borden Avenue erected at the intersection of the southerly line of Borden Avenue with the prolongation of a line midway between Peersall Street and Greenpoint Avenue as these streets are laid out between

Gale Street and Bradley Avenue; thence southwardly along the said line at right angles to Peersall Street to the intersection with its southerly side; thence southwardly along the said line perpendicular to the line of Borden Avenue to the intersection with its southerly side; thence westwardly along the prolongation of the said line midway between Peersall Street and Greenpoint Avenue to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Borden Avenue, the said distance being measured at right angles to Borden Avenue; thence northwardly along the said line parallel with Borden Avenue to the intersection with a line midway between Young Street and Peersall Street; thence westwardly along the said line midway between Young Street and Peersall Street to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Review Avenue, the said distance being measured at right angles to Review Avenue; thence northwardly along the said line parallel with Review Avenue to the intersection with a line midway between Young Street and Gilbert Street; thence eastwardly along the said line midway between Young Street and Gilbert Street to a point distant 100 feet westerly from the westerly line of Gale Street; thence northwardly and parallel with Gale Street a distance of 100 feet; thence eastwardly at right angles to Gale Street to a point distant 100 feet easterly from its easterly side; thence southwardly and parallel with Gale Street to a point distant 100 feet northerly from the northerly line of Young Street; thence eastwardly and parallel with Young Street to the intersection with the southerly line of Hunters Point Avenue; thence northwardly at right angles to Hunters Point Avenue to a point distant 100 feet northeasterly from its northeasterly side; thence southwardly and parallel with Hunters Point Avenue to the intersection with a line at right angles to Hunters Point Avenue and passing through the point of beginning; thence southwardly along the said line at right angles to Hunters Point Avenue to the point or place of beginning.

Fourth.—That the supplemental and amended 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 17th day of November, 1915.

Fifth.—That, provided there be no objections filed to either of said supplemental and amended 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 22d day of December, 1915, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing supplemental and amended 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, New York, October 19th, 1915.  
R. W. KELLOGG, Chairman. F. W. DUNN, J. H. LEONARD, Commissioners of Estimate. R. W. KELLOGG, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. o25,n11

## 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 SECOND STREET, from Howell Avenue to Jackson Avenue, and THIRD STREET, from Queens Boulevard to Woodside Avenue, and from Stryker Avenue to Jackson Avenue, in the 2d Ward, Borough of Queens, 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, 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 8th day of November, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 10th day of November, 1915, 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, 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 8th day of November, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 11th day of November, 1915, 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 3rd day of April, 1915, 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.:

1. Beginning at a point on the southerly line of Jackson Avenue, midway between Third Street and Fourth Street, and running thence southwardly along a line always midway between Third Street and Fourth Street, and the prolongation thereof, to a point distant 100 feet southerly from the southerly line of Stryker Avenue; thence westwardly and parallel with Stryker Avenue to the intersection with a line midway between Second Street and Third Street; thence northwardly along the said line midway between Second Street and Third Street and along the prolongation of the said line to the intersection with the southerly line of Howell Avenue; thence westwardly along the southerly line of Howell Avenue to the intersection with the prolongation of a line midway between First Street and Second Street; thence



northwardly along the said line midway between First street and Second street and along the prolongations of the said line to the intersection with the southerly line of Jackson avenue; thence northwardly at right angles to Jackson avenue a distance of 200 feet; thence eastwardly and parallel with Jackson avenue to the intersection with a line at right angles to Jackson avenue and passing through the point of beginning; thence southwardly along the said line at right angles to Jackson avenue to the point or place of beginning.

2. Beginning at a point on a line midway between Third street and Fourth street, distant 100 feet northwardly from the northerly line of Woodside avenue, the said distance being measured at right angles to Woodside avenue, and running thence southwardly along a line always midway between Third street and Fourth street, and the prolongations thereof, to a point distant 100 feet southwardly from the southerly line of Queens boulevard; thence westwardly and parallel with Queens boulevard to the intersection with the prolongation of a line midway between Cleveland avenue and Third street; thence northwardly along the said line midway between Cleveland avenue and Third street to a point distant 100 feet southwardly from the southerly line of Greenpoint avenue, the said distance being measured at right angles to Greenpoint avenue; thence westwardly and parallel with Greenpoint avenue to the intersection with the center line of Cleveland avenue; thence northwardly along the center line of Cleveland avenue and its prolongation to the intersection with the prolongation of the center line of Second street; thence northwardly along the center line of Second street and the prolongation thereof to a point distant 100 feet northwardly from the northerly line of Woodside avenue, the said distance being measured at right angles to Woodside avenue; thence southeastwardly and always distant 100 feet northwardly from and parallel with the northerly line of Woodside 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 10th day of November, 1915.

*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 24th day of December, 1915, 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, New York, October 13th, 1915.  
FRED G. DE WITT, Chairman; JULIUS HARDER, RUDOLPH L. SHARF, Commissioners of Estimate. FRED G. DE WITT, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. o18,n4

#### 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 FOURTH STREET, from Queens Boulevard to Jackson Avenue, and FIFTH STREET, from Queens Boulevard to Woodside Avenue, in the 2nd Ward, Borough of Queens, City of New York, as shown on a map or plan adopted by the Board of Estimate and Apportionment October 17, 1912, and approved by the Mayor October 24, 1912.

*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 3rd day of November, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 5th day of November, 1915, at 2 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, 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 3rd day of November, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 8th day of November, 1915, at 2 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 20th day of February, 1913, 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:—

Beginning at a point on the southerly line of Jackson avenue midway between Fourth street and Fifth street, and running thence southwardly along a line always midway between Fourth street and Fifth street and the prolongation thereof to a point distant 100 feet northwardly from the northerly line of Woodside avenue, the said distance being measured at right angles to Woodside avenue; thence eastwardly and always distant 100 feet northwardly from and parallel with the northerly line of Woodside avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the center lines of Fifth street and Wright place; thence southwardly along the said bisecting line to the intersection with a line distant 100 feet northwardly from and parallel with the northerly line of Mansion place, the said distance being measured at right angles to Mansion place;

thence eastwardly along the said line parallel with Mansion place to the intersection with a line distant 360 feet easterly from and parallel with the easterly line of Fifth street as this street is laid out between Skidman avenue and Queens boulevard, the said distance being measured at right angles to Fifth street; thence southwardly along the said line parallel with Fifth street and along the prolongation of the said line to the intersection with a line distant 100 feet southwardly from and parallel with the southerly line of Queens boulevard, the said distance being measured at right angles to Queens boulevard; thence westwardly along the said line parallel with Queens boulevard to the intersection with the prolongation of a line midway between Third street and Fourth street as these streets are laid out where they adjoin Queens boulevard and the north; thence northwardly along a line always midway between Third street and Fourth street and along the prolongations of the said line to the intersection with the southerly line of Jackson avenue; thence northwardly at right angles to Jackson avenue a distance of 200 feet; thence eastwardly and parallel with Jackson avenue to the intersection with a line at right angles to Jackson avenue and passing through the point of beginning; thence southwardly along the said line at right angles to Jackson 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 5th day of November, 1915.

*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 17th day of December, 1915, 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, New York, October 7th, 1915.  
WM. A. JONES, Chairman; ROBT. B. LAWRENCE, MICHAEL PETTE, Commissioners of Estimate. WM. A. JONES, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. o14,30

#### 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 72ND STREET, from Fort Hamilton Avenue to 13th Avenue, and from 17th Avenue to 22nd Avenue; 73RD STREET, from 10th Avenue to 13th Avenue; 74TH STREET, from 10th Avenue to 11th Avenue, from 16th Avenue to the westerly line of New Utrecht Avenue, and from the easterly line of New Utrecht Avenue to 22nd Avenue, and 75TH STREET, from 10th Avenue to the westerly line of New Utrecht Avenue, and from the easterly line of New Utrecht Avenue to 22nd Avenue, in the 10th Ward, Borough of Brooklyn, The 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, No. 166 Montague Street, in the Borough of Brooklyn, in The City of New York, on or before the 3rd day of November, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 4th day of November, 1915, at 3:30 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 them at their office, No. 166 Montague Street, in the Borough of Brooklyn, in The City of New York, on or before the 3rd day of November, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 5th day of November, 1915, at 3:30 o'clock P. M.

*Third.*—That the Commissioner of Assessments has assessed any or all of such lands, tenements and hereditaments and premises as are within the area of assessment for benefit by the Board of Estimate and Apportionment on the 26th day of March, 1909, and that the said 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:—

Beginning at a point on the prolongation of a line midway between Seventy-first street and Seventy-second street, distant 100 feet southeastwardly from the southerly 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 northwardly along a line midway between Seventy-eighth street and Seventy-ninth street to a point distant 350 feet northwardly from the northerly line of Tenth avenue; thence northeastwardly and parallel with Tenth avenue to a point midway between Seventy-second street and Seventy-third street; thence northwardly along a line midway between Seventy-second street and Seventy-third street to the intersection with a line distant 100 feet northwardly from and parallel with the northerly 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 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.

*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, No. 166 Montague Street, in the Borough of Brooklyn in said City, there to remain until the 13th day of November, 1915.

*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, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 15th day of December, 1915, 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, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated, New York, October 14th, 1915.  
EDMUND D. HENNESSY, THOMAS, FRANK V. KELLY, Commissioners of Estimate. EDMUND D. HENNESSY, Commissioner of Assessment.  
ANDREW C. TROY, Clerk. o14,30

#### SUPREME COURT—NINTH JUDICIAL DISTRICT.

##### Filing Reports.

#### NINTH JUDICIAL DISTRICT, WEST-CHESTER COUNTY.

In the Matter of the Application of 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, for the purpose of providing an additional supply of pure and wholesome water for the use of the City of New York.

#### HILL VIEW RESERVOIR, Section 1, Contiguous real estate, LOTS A and B.

*PUBLIC NOTICE IS HEREBY GIVEN THAT* the report of Phoebe Ingraham, James K. Aggar and Floyd D. Hopkins, Commissioners of Appraisal in the above proceeding, dated September 18, 1915, was filed in the office of the County Clerk of Westchester County, at White Plains, New York, on the 20th day of September, 1915.

*FURTHER NOTICE IS GIVEN* that the said report will be presented for confirmation at a Special Term of the Supreme Court, Ninth Judicial District, to be held at the Court House at White Plains, New York, on Friday, the 19th day of November, 1915, at ten o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard.

The right is reserved to The City of New York to oppose the confirmation of said report.

Dated, New York, October 18th, 1915.  
LAMAR HARDY, Corporation Counsel, Municipal Building, Chambers Street, New York City. o23,n19

#### 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* hereunder will be sold to the highest bidder, who must pay or certify 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 \$100, 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 occupation of any such building by any tenant free, or 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 circumstances 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 openings 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 forfeit 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 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, protecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beam holes, 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

Resolved, That while the said sale is held under the supervision of the Commissioners 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, or head of a department, chief of a bureau, deputy clerk 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.

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 or corporate stock or certificates of indebtedness of any nature issued by The City of New York, which the Comptroller shall approve as of equal value with the security required in the advertisement to the amount of not less than three nor more than five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The amount shall be as specified in the proposals or instructions to bidders and shall not be in excess of 5 per cent.

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 of 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