

# THE CITY RECORD.

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## THE CITY RECORD.

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### BOARD OF CITY RECORD.

GEORGE B. McCLELLAN, Mayor.

JOHN J. DELANY, CORPORATION COUNSEL.

EDWARD M. GROUT, COMPTROLLER.

PATRICK J. TRACY, SUPERVISOR.

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

### STATED MEETING.

Tuesday, December 6, 1904, 1 o'clock, P. M.

The Board met in the Aldermanic Chamber, City Hall.

Present:

Hon. CHARLES V. FORNES, President of the Board of Aldermen.

Aldermen

Charles Ahner,	Henry F. Grimm,	Owen J. Murphy,
Thomas F. Baldwin,	John D. Gunther,	James Owens,
William C. Boerner,	Ferdinand Haenlein,	Pierce N. Poole,
William J. Boyhan,	John J. Haggerty,	James W. Redmond,
Frederick Brenner,	Leopold W. Harburger,	Frederick Richter,
John J. Bridges,	Philip Harnischfeger,	Beverly R. Robinson,
John J. Callahan,	Patrick Higgins,	John A. Schappert,
Patrick Chambers,	William T. James,	Joseph Schloss,
Charles W. Culkin,	Samuel H. Jones,	Cornelius A. Shea,
John R. Davies,	Patrick S. Keely,	Peter A. Sheil,
John Diemer,	Francis P. Kenney,	Daniel E. Sickles,
John H. Donohue,	J. Richard Kevin,	Michael Stapleton,
John H. Dougherty,	Herman Koch,	Frank D. Sturges,
Reginald S. Doull,	Martin W. Lochner,	Moritz Tolk,
Frank L. Dowling,	John T. McCall,	John J. Twomey,
Robert F. Downing,	John E. McCarthy,	Franklin B. Ware,
Andrew J. Doyle,	Patrick H. Malone,	Moses J. Wafer,
Frank Gass,	Isaac Marks,	William Wentz,
John J. Gillies,	James Cowden Meyers,	John Wirth,
Elias Goodman,	William E. Morris,	
Max S. Grifenhagen,	Arthur H. Murphy,	

George Cromwell, President of the Borough of Richmond.

Aldermen Odell and Hann were excused from attendance.

The Clerk proceeded to read the minutes of the stated meeting of November 29, 1904.

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

### PETITIONS AND COMMUNICATIONS.

No. 1215.

Communication from the United States Life Saving Corps, being a protest against granting to the Red Cross Life Savers' Organization the privilege of holding meetings in a room of some public building in the Borough of Brooklyn.

Which was referred to the Committee on Public Buildings and Markets.

No. 1216.

To All Whom It May Concern:

Notice is hereby given that on the 17th day of January, 1905, at 1 o'clock P. M., I shall apply to the Board of Aldermen of The City of New York, at their regular meeting on that day, or as soon thereafter as your petitioner may be heard, for the consent of the said Board of Aldermen that the lands hereinafter described may be used for cemetery purposes, it being my intention, if such consent be given, to acquire the said lands by deed and to use the same, for the burial of the dead, as a part of and addition to Holy Cross Cemetery, in the Borough of Brooklyn.

The premises so sought to be acquired and used for cemetery purposes are bounded and described as follows, viz.:

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows, to wit: Beginning at a point on the northerly side of the road leading from Flatbush to Canarsie, known as Canarsie avenue (commonly called Canarsie lane), and adjoining land of the Cemetery of the Holy Cross; running thence northerly along said last-mentioned land six hundred and eighty-two (682) feet one (1) inch to the northeasterly corner of said cemetery land; thence westerly still along said land sixteen hundred and eight (1608) feet five (5) inches to other land of said cemetery; thence northerly along said land and land now or formerly of the Reformed Dutch Church of Flatbush nine hundred and ninety-nine (999) feet eleven (11) inches to the centre line of Grant street, now Snyder avenue; thence easterly along said centre line two hundred and seventy (270) feet to land now or late of the Brooklyn Development Company; thence southerly along said land three hundred and seventy-two (372) feet five and one-quarter inches (5¼) to the southwesterly corner of said last-mentioned land; thence easterly still along said land to the centre line of Schenectady avenue, as laid down on the Town Survey Commissioners' map of Kings County; thence southerly along said centre line of Schenectady avenue to the northerly side of said road to Canarsie aforesaid; and thence westerly along said northerly side of said road to the point or place of beginning, containing within said bounds 33.849-1000 acres of land, as shown by a survey made by Samuel H. McElroy, Civil Engineer and City Surveyor, No. 26 Court street, Brooklyn, N. Y., surveyed May 19, 1903.

The location of the said lands is, as stated in the foregoing description, in the former Town of Flatbush, now the Borough of Brooklyn, County of Kings, City and State of New York. The said lands consist of about 33 and 849-1000 acres, and adjoin the present Cemetery of the Holy Cross on the east.

Dated this 28th day of November, 1904.

CHARLES E. McDONNELL,

Bishop of the Roman Catholic Church of the Diocese of Brooklyn.

By PATRICK J. McNAMARA,

Vicar-General of the Diocese of Brooklyn, Attorney in Fact of

Rt. Rev. Charles E. McDonnell, D. D., Bishop of Brooklyn.

KETCHAM & OWENS,

Attorneys for Petitioner, No. 189 Montague street, Brooklyn, N. Y.

Which was referred to the Committee on Affairs of Boroughs.

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

The President laid before the Board the following communication from the Police Commissioner:

No. 1217.

Police Department of The City of New York,

No. 300 Mulberry Street,

November 28, 1904.

To the Honorable the Board of Aldermen:

My attention having been called to the proceedings of your Honorable Body with reference to report of Committee on Finance, No. 1090, regarding the purchase of a site for a police station house, prison and stable for the Nineteenth Precinct, Borough of Manhattan, which report cites the fact that there were two communications received by your Honorable Body from me, one asking that the station be located on the property from Nos. 141 to 147 West Twenty-eighth street, and another stating that the site was located on property from Nos. 134 to 138 West Thirtieth street, and that no reasons being given for the change the Committee felt compelled to make an adverse report, I beg to state:

I did first recommend the purchase of the property occupied by the numbers from 141 to 147 West Twenty-eighth street, giving the price as approximately fixed by the real estate agents who were acting for the owners. This price was objected to by those in the Comptroller's office having in charge such matters as being excessive. I thereupon recommended that the same be acquired by condemnation proceedings, but this it was objected would be too expensive. In the meantime, the officers in charge of real estate matters in the Comptroller's office, I was informed, had secured an option on premises in Thirtieth street, nearly opposite the present station house, for a considerably less sum than that asked for the property on West Twenty-eighth street. I thereupon felt compelled to make request for the purchase of the Thirtieth street property.

Both properties are of the same dimensions, but the Thirtieth street property appears, from facts submitted to me, to be some ten thousand dollars lower in price, and the necessity for a new station house in that precinct is very great.

I therefore beg to urge that your Honorable Body give this matter early consideration.

Very respectfully,

WILLIAM McADOO, Police Commissioner.

Which was referred to the Committee on Finance.

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

No. 1218.

The City of New York,

Office of the President of the Borough of Brooklyn,

Brooklyn, November 30, 1904.

Hon. CHARLES V. FORNES, President, Board of Aldermen:

Dear Sir—Under date of March 22, 1904, a resolution was adopted by your Honorable Board, authorizing the issue of Special Revenue Bonds to the amount of \$20,000, the proceeds to be used by the President of the Borough of Brooklyn for the purpose of making such repairs and alterations in the men's prison of Raymond Street Jail as he shall deem necessary and wise.

On August 9, 1904, a contract was entered into with Mr. James Fay, providing for the installation of plumbing and fixtures for 335 cells (leaving 48 cells unprovided for), the amount of said contract being \$16,585, leaving an unexpended balance in the appropriation of \$3,415.

On account of the confusion and interference with the operation of the jail, caused by constructions of this kind, involving the cutting of walls and the fitting of pipes, it appears to me desirable to complete at this time, so far as the available appropriation will permit, that portion of the plumbing as yet unprovided for. I also desire to modify the plans for flushing the fixtures, a preliminary test having demonstrated that a sufficient water pressure is not available for properly flushing the closets under the present plans.

Authority is therefore requested from your Honorable Board to enter into contract without public letting, as provided by section 419 of the Charter, for the installation of additional fixtures and plumbing and such modifications of the flushing system as may be necessary to an amount not exceeding \$3,400.

I beg to inclose form of resolution which I trust will be passed by your Honorable Board. As these changes will be an improvement of the plans, and will not exceed the appropriation which has already been authorized, and as the work of making the repairs and alterations is at a standstill until these revisions in the plans can be authorized, I trust you can give the matter your early attention.

Yours respectfully,

MARTIN W. LITTLETON, President, Borough of Brooklyn.

Whereas, The contract for furnishing labor and materials for the installation of fixtures and plumbing in the three hundred and thirty-five cells in the Men's Prison, etc., in the Kings County Jail, was incomplete to the extent that forty-eight cells are unprovided with fixtures and plumbing; and

Whereas, It is desirable, in order to avoid unnecessary interference with the operation of the jail, that so much of the remaining work be performed at this time as is feasible; and



Whereas, It is necessary in the opinion of the Borough President to modify the plans of the flushing system to obtain a sufficient pressure;

Resolved, That the President of the Borough of Brooklyn be and is hereby authorized to expend without advertisement a sum not to exceed three thousand four hundred dollars for as many additional fixtures and as much additional plumbing and such modification of the plans as may be necessary and practicable.

Which was referred to the Committee on Public Letting.

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

No. 1219.

Department of Finance—City of New York, }  
December 3, 1904.

Hon. CHARLES V. FORNES, President, Board of Aldermen:

Dear Sir—I send you herewith certified copy of a resolution adopted by the Board of Estimate and Apportionment December 2, 1904, ratifying and confirming the action of the Municipal Civil Service Commission in fixing the salary of the position of Assistant Chief Examiner in the office of the Municipal Civil Service Commission at the rate of \$3,000 per annum, as of date November 2, 1904, and copy of communication from the President of the Municipal Civil Service Commission relative thereto.

I also inclose form of resolution for adoption by the Board of Aldermen to indicate its concurrence therein.

Yours very truly,

JAS. W. STEVENSON, Deputy Comptroller.

November 26, 1904.

Hon. JAMES W. STEVENSON, Secretary of the Board of Estimate and Apportionment:

Dear Sir—The Municipal Civil Service Commission, under date of November 2, 1904, promoted Mr. James P. Conway from the position of Examiner to that of Assistant Chief Examiner in this department. In our estimate for the year 1904 the position of Assistant Chief Examiner was specifically mentioned, and the salary was fixed at \$3,000 per annum. Although the position was not filled last year, provision was again made for it in our estimate for the year 1905.

Mr. Conway's pay-roll has been held up by the Finance Department on the ground that the position has not been fixed by the Board of Estimate and Apportionment. The Municipal Civil Service Commission now respectfully makes application to the Board of Estimate and Apportionment to ratify its action of November 2 in increasing Mr. Conway's salary to \$3,000 per annum.

Yours respectfully,

(Signed) BIRD S. COLER, President.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following resolution adopted by the Board of Estimate and Apportionment December 2, 1904:

"Resolved, That, subject to the concurrence and approval of the Board of Aldermen, the Board of Estimate and Apportionment hereby ratifies and confirms the action of the Municipal Civil Service Commission in fixing the salary of the position of Assistant Chief Examiner in the office of the Municipal Civil Service Commission at the rate of three thousand dollars (\$3,000) per annum, as of date November 2, 1904."

Alderman Culklin moved the adoption of this resolution.

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

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

Affirmative—Aldermen Ahner, Baldwin, Boerner, Boyhan, Brenner, Bridges, Callahan, Chambers, Culklin, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Goodman, Grifenhagen, Grimm, Haenlein, Haggerty, Harnischfeger, Jones, Kenney, Koch, Lochner, McCall, McCarthy, Morris, Arthur H. Murphy, Owens, Poole, Redmond, Richter, Schappert, Shea, Sickles, Sturges, Tolke, Twomey, Ware, Wentz and the President—42.

No. 1220.

Department of Finance—City of New York, }  
December 3, 1904.

Hon. CHARLES V. FORNES, President, Board of Aldermen:

Dear Sir—I send you herewith certified copy of a resolution adopted by the Board of Estimate and Apportionment December 2, 1904, recommending the fixing of the salary of the position of Architect in the Department of Parks, Boroughs of Manhattan and Richmond, at the rate of \$2,500 per annum, together with copies of communication from the Commissioner of Parks, and from the Architect, relative thereto.

I also inclose form of resolution for adoption by the Board of Aldermen to indicate its concurrence therein.

Very truly yours,

JAS. W. STEVENSON, Deputy Comptroller.

September 21, 1904.

Hon. EDWARD M. GROUT, Comptroller, N. Y. City:

Sir—A letter was forwarded to the Board of Estimate and Apportionment some weeks ago by the Hon. John J. Pallas, Commissioner of Parks for the Boroughs of Manhattan and Richmond, in which he recommended that the salary of the Architect of those Boroughs be fixed at \$2,500 a year. I have been informed that this communication was referred to you, and take the liberty at this moment of sending you some data as regards the position of the Architect and my record in connection therewith.

I have been connected with the Department of Parks in the capacity, first, as an Assistant to Draughtsman, then as Draughtsman, and now as Architect, for a period of about twenty-seven years. My work consists in preparing plans and specifications for various buildings and cottages and small bridges, and also as Consulting Architect in connection with plans, specifications and execution of the work in the structures in connection with the New York Public Library, Metropolitan Museum of Art, the American Museum of Natural History, and a number of other structures such as pavilions and comfort stations.

The compensation paid other officials in similar capacity to mine is much greater than I am receiving, for instance, the Superintendent of Buildings for the Board of Education receives \$8,000. His First Deputy receives \$4,000, and the Second Deputy receives \$2,500. The Consulting Architect for the Borough President receives \$5,000.

The duties of the Consulting Architect of the Borough President are very largely along the same lines as my own work, and the comparison between the two is a fair one, and you will see that his salary is more than double what I am receiving. There are, besides the actual work as Architect, a great many expert questions referred to me, such as the matter of projections on buildings for which permits have to be issued, interpretations of various contracts, and supervision of the same, in addition to the supervision by the other Architects.

I sincerely hope that you will give this application your favorable consideration.

Respectfully,

(Signed) JULIUS F. MUNCKWITZ, Architect.

(Copy.)

The City of New York—Department of Parks, }  
The Arsenal, Central Park,

July 30, 1904.

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

Gentlemen—I am directed by the Park Board to request that your Honorable Board will fix the salary of Mr. Julius F. Munckwitz, Jr., Architect in this Department, at \$2,500 per annum.

Mr. Munckwitz's salary at present is \$2,000. He is the designer of a number of important structures in the parks, and, in addition, is the expert of the Department upon the important structures built under contract, such as the American Museum of Natural History building, the Metropolitan Museum of Art building, and the New York Public Library building. Mr. Munckwitz has been connected with the Department of Parks for twenty-five years, and I believe that it is unnecessary for me to urge that a salary of \$2,500 per annum is a small one for an official performing such duties, and with twenty-five years' service in the Department.

Respectfully,

(Signed) JOHN J. PALLAS,

Commissioner of Parks, Boroughs of Manhattan and Richmond.

Whereas, The Board of Estimate and Apportionment, at a meeting held December 2, 1904, adopted the following resolution:

"Resolved, That the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, in accordance with the provisions of section 56 of the Greater New York Charter, that the salary of the position of Architect in the Department of Parks, Boroughs of Manhattan and Richmond, be fixed at the rate of two thousand five hundred dollars (\$2,500) per annum."

Resolved, That the Board of Aldermen hereby concurs in said resolution and fixes the salary of the position of Architect in the Department of Parks, Boroughs of Manhattan and Richmond, at the rate of two thousand five hundred dollars (\$2,500) per annum.

No. 1221.

Department of Finance, City of New York, }  
December 3, 1904.

Hon. CHARLES V. FORNES, President, Board of Aldermen:

Dear Sir—I send you herewith certified copy of a resolution adopted by the Board of Estimate and Apportionment December 2, 1904, recommending to the Board of Aldermen the fixing of the salary of the position of Assistant Secretary of the College of The City of New York at the rate of \$1,800 per annum, and copy of a communication from the Secretary of the Board of Trustees of the College of The City of New York in relation thereto.

I also inclose form of resolution for adoption by the Board of Aldermen to indicate its concurrence therein.

Yours very truly,

JAS. W. STEVENSON, Deputy Comptroller.

The College of The City of New York—Office of the Board of Trustees, }  
Lexington Avenue and Twenty-third Street,  
New York, November 29, 1904.

J. W. STEVENSON, Esq., Secretary, Board of Estimate and Apportionment:

Dear Sir—I have the honor to inform you that the Board of Trustees of the College of The City of New York respectfully request that the salary of the Assistant Secretary of the College be fixed at the rate of eighteen hundred dollars (\$1,800) per annum. The reasons for making this request will be presented to the Board of Estimate and Apportionment by a member of the Board of Trustees.

Yours truly,

CHAS. PUTZEL, Secretary, Board of Trustees.

Whereas, The Board of Estimate and Apportionment at a meeting held December 2, 1904, adopted the following resolution:

"Resolved, That the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, in accordance with the provisions of section 56 of the Greater New York Charter, that the salary of the position of Assistant Secretary of the College of The City of New York be fixed at the rate of eighteen hundred dollars (\$1,800) per annum."

Resolved, That the Board of Aldermen hereby concurs in said resolution, and fixes the salary of the position of Assistant Secretary of the College of The City of New York at the rate of eighteen hundred dollars (\$1,800) per annum.

No. 1222.

Department of Finance—City of New York, }  
December 3, 1904.

Hon. CHARLES V. FORNES, President, Board of Aldermen:

Dear Sir—I send you herewith certified copy of a resolution adopted by the Board of Estimate and Apportionment December 2, 1904, approving of the change of titles of the positions of Resident Physician and Assistant Resident Physician to that of Alienist and Assistant Alienist in Bellevue and Allied Hospitals, and recommending to the Board of Aldermen the fixing of the salaries of said positions at the rates of \$3,500 and \$1,500 per annum, and copy of a communication from the President of the Board of Trustees of Bellevue and Allied Hospitals in relation thereto.

I also inclose form of resolution for adoption by the Board of Aldermen to indicate its concurrence therein.

Yours very truly,

JAS. W. STEVENSON, Deputy Comptroller.

November 16, 1904.

The Board of Estimate and Apportionment, Hon. J. W. STEVENSON, Secretary,  
No. 280 Broadway, New York City:

Gentlemen—The Trustees of Bellevue and Allied Hospitals have the honor to request the Board of Estimate and Apportionment to authorize the change of the titles "Resident Physician" and "Assistant Resident Physician" to "Alienist" and "Assistant Alienist." The physicians residing in the Psychopathic Wards (Pavilion for the Insane) of Bellevue Hospital are solely occupied with "the reception, medical examination and temporary care of persons alleged to be insane," and the title of Alienist, therefore, more properly describes their duties than that of Resident Physician, which has been hitherto employed in this Department. The salary attached to the position of Alienist is \$3,500 a year, with maintenance, and the salary of Assistant Alienist is \$1,500 a year, with maintenance.

Respectfully,

(Signed) JOHN W. BRANNAN,  
President Board of Trustees.

Whereas, The Board of Estimate and Apportionment at a meeting held December 2, 1904, adopted the following resolution:

"Resolved, That the Board of Estimate and Apportionment hereby approves of the change of title of the positions of Resident Physician and Assistant Resident Physician to that of Alienist and Assistant Alienist in the Bellevue and Allied Hospitals, and in accordance with the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen that the salaries of the following positions in Bellevue and Allied Hospitals be fixed as follows:

	Per Annum.
"Alienist .....	\$3,500 00
"Assistant Alienist .....	1,500 00

Resolved, That the Board of Aldermen hereby concurs in said resolution and fixes the salaries of the above positions as set forth therein.

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

The President laid before the Board the following communication from the Commissioner of Water Supply, Gas and Electricity:

No. 1223.

Department of Water Supply, Gas and Electricity, }  
Commissioner's Office, Nos. 13-21 Park Row,  
City of New York, December 1, 1904.

Hon. CHARLES V. FORNES, President, Board of Aldermen, City Hall:

Sir—In conformity with the provisions of section 523 of the Greater New York Charter, I have prepared a code of rules and regulations for the care, maintenance and operation of poles, wires, conduits, subways and other electrical appliances in, on, over or under the streets, or in buildings, in The City of New York, and transmit herewith copy of same. Pursuant to section 528 of the revised Greater New York Charter, I would request that the Honorable Board of Aldermen enact said rules into ordinances.

The rules and regulations which I submit herewith contain such modifications as experience has since shown to be necessary. Early action by your Honorable Board is most respectfully requested.

Very truly yours,

JNO. T. OAKLEY, Commissioner.

AMENDED GREATER NEW YORK CHARTER.

(Laws of 1901, Chapter 466.)

CHAPTER XI.

Department of Water Supply, Gas and Electricity.

Commissioner of water supply, gas and electricity; appointment; salary.

Commissioner of water supply, gas and electricity in city—salary—

Section 468. The head of the department of water supply, gas and electricity shall



be called the commissioner of water supply, gas and electricity. He shall be appointed by the mayor and hold office as provided in chapter four of this act. His salary shall be seven thousand five hundred dollars a year. The main office of the department shall be located in the borough of Manhattan. A branch office shall be located in the borough of Brooklyn, and may be located in the borough of The Bronx.

Id.; jurisdiction.

#### Jurisdiction—

Sec. 469. The commissioner of water supply, gas and electricity shall have cognizance and control.

Contracts for lighting, etc.—locating, etc., lights—inspections and tests of gas, etc.—transmission of gas, etc.—construction of electric mains, etc.—permits—limitation—

Of the making and performance of contracts when duly authorized in accordance with the provisions of this act, and for the execution of the same in the matter of furnishing this city, or any part thereof, with gas, electricity or any other illuminant or of steam; of the selecting, locating and removing and changing of lights for the use of the city; of the inspecting and testing of gas and electricity used for light, heating and power purposes, electric meters, electric wires and of all lights furnished to said city and of the use and transmission of gas, electricity, pneumatic power and steam for all purposes in, upon, across, over and under all streets, roads, avenues, parks, public places and public buildings; of the construction of electric mains, conduits, conductors, and subways in any such streets, roads, avenues, parks and public places, and the granting of the permission to open streets, when approved by the borough president, and to open the same for the purpose of carrying on therein the business of transmitting, conducting, using and selling electricity, steam, or for the service of pneumatic tubes. This section shall not be construed to empower the said commissioner to open or use the streets except by persons or corporations otherwise duly authorized to carry on business of the character above specified.

Commissioner to inspect electric lights; to cause tests to be made, etc.

Inspection of electric lights, etc.—tests of electric meters—expense of test—exceptions—

Sec. 519. The said commissioner of water supply, gas and electricity shall cause inspection to be made of electric lights furnished to the city, and of electric meters and electric wiring, as such tests may be provided for by the proper appropriation; the said commissioner shall cause tests to be made of all meters in use in said city for measuring or ascertaining the quantity of electricity or steam furnished by any corporation or person in said city within one year after this act shall take effect; and hereafter no corporation or person shall furnish or put in use any electric or steam meter which shall not have been inspected, approved and sealed by the inspectors, and every such corporation or person shall provide and keep in or upon their premises a suitable and proper apparatus, to be approved and sealed by the inspector, for testing and proving accuracy of meters furnished for use by them. Whenever a meter shall be inspected the inspector shall attach thereto some seal, stamp or mark, with the inspector's name, the date of his inspection, and whether or not the meter is accurate. Meters in use shall be reinspected and tested on the written request of the consumer, if desired. If any such meter on being tested shall be found defective or inaccurate to the prejudice or injury of the consumer, the necessary removal, inspection, correction and replacing of such meter shall be without expense to the consumer; but in all other cases, except where the change is beneficial to the company, he shall pay the reasonable expense of such inspection and the reinspection shall be stamped on the meter. Provided, however, that nothing herein contained shall be construed as requiring to be sealed, electrolytic or other electric meters, which in their construction or use are not susceptible of being sealed, nor the apparatus employed in taking the usual periodic readings therefrom; but all such meters shall, in all other respects, be tested and stamped in the manner provided herein for other meters; and every corporation using such electrolytic or other meter shall at all times admit the inspectors of meters at the meter department and reading rooms, and permit the inspection by him of all meters and of all the processes, methods and operations of measuring electric current consumed by it.

Laws repealed.

#### Repealed—

Sec. 520. The provisions of sections sixty-two, sixty-three and sixty-four of chapter forty of the general laws, known as the transportation corporations law, are hereby repealed in so far as they affect the inspection of electric meters within the City of New York.

Interest in manufacture of gas, etc., and certain acts by officers, etc., of the department prohibited.

Prohibitions against officers, etc.—

Sec. 521. No officer, agent or employee of the department of water supply, gas and electricity, shall in any way, directly or indirectly, be interested, pecuniarily, in the manufacture or sale of gas or of electricity or steam, or of gas or electric or steam meters, or of any article or commodity used by gas or electric companies, or used for any purpose for the consumption of gas or of electricity, or steam, or in with a gas or electric or steam company, and no such officer, agent or employee shall give certificates or written opinions to a maker or vendor of any such article or commodity.

Commissioner to submit proposed ordinances relative to wires, etc.

Ordinances as to wires, etc.—

Sec. 523. The said commissioner of water supply, gas and electricity shall from time to time submit for the consideration of the board of aldermen such proposed ordinances in regard to electric wires, appliances and currents for furnishing light, heat or power when introduced into or placed in any building in said city. Such proposed ordinances shall prescribe the method of construction, operation, location, arrangement, insulation and use of such wires, appliances and currents as said commissioner shall from time to time deem necessary for the protection of life and property.

Inspector of electric wiring; qualifications; all wires to be inspected; rules, notices, etc.; penalty for violation.

Inspector of wiring—qualifications—inspection of wires in buildings—certificate—service of notices—penalty for violation—

Sec. 524. Any inspector of electric wiring appointed in the department shall have a technical and practical knowledge of the construction and operation of electrical lines and appliances. After this act takes effect, the commissioner shall cause to be inspected all such wires, currents and appliances that may be introduced into or placed in any building in said city, and the said commissioner shall furnish a certificate of such inspection to any person or corporation applying therefor. All notices of the violation of any of the provisions of this section, or of any ordinances relating to said department, or any regulations, rules or orders made thereunder relating to electrical wires, currents or appliances, shall be issued and served in the manner provided in this act for the service of notices. The violation of any of the provisions of this section or any of the said ordinances or any rules or regulations thereunder shall be deemed to be a violation of the building code of said city, and shall subject the person or corporation committing the same to the penalties prescribed herein for such violations.

Removal of electric wires.

Burial of wires, Manhattan and Bronx—notice—time—method of burial—subways to be provided—

Sec. 525. Whenever in the opinion of the board of estimate and apportionment it shall be practicable to remove the electrical conductors above ground in any street, avenue, highway or public place of that part of the city of New York which lies within the boroughs of Manhattan and The Bronx, after the grade of said street, avenue or highway shall have been finally determined and established, and to place the same underground, the commissioner of water supply, gas and electricity shall notify the owners or operators of the electrical conductors above ground that such electrical conductors must be removed within a certain time to be fixed by said commissioner, which time shall be sufficient for such removal, and in the case of a corporation duly authorized to lay and operate electrical conductors underground in such street, avenue, highway, or public place, sufficient also for the proper laying of con-

ductors underground in place of those removed. All electrical conductors authorized to be placed underground, shall be placed underground under and in accordance with the provisions of chapter seven hundred and sixteen of the laws of eighteen hundred and eighty-seven, chapter two hundred and thirty-one of the laws of eighteen hundred and ninety-one, chapter two hundred and sixty-three of the laws of eighteen hundred and ninety-two, and the laws amendatory thereof and supplemental thereto. Whenever application shall be made to said commissioner of water supply, gas and electricity for permission to place underground electrical conductors in any street, avenue, highway or public place of that part of the city of New York which lies within the boroughs of Manhattan and The Bronx, the subways therefor shall, if such permission be granted, be constructed or provided, and such electrical conductors placed underground under and in accordance with the provisions of said laws. But such permission shall be granted only in accordance with the provisions of said laws.

Underground electrical conductors.

Burial of wires—Brooklyn, Queens and Richmond—notice—time—maps—approval of construction—

Sec. 526. Whenever the said board of estimate and apportionment shall deem it desirable and practicable, after hearing all parties interested, that the electrical conductors in any street, avenue, highway or public place of the city of New York, lying within the boroughs of Brooklyn, Queens and Richmond, be placed underground, the said commissioner of water supply, gas and electricity shall notify the owners or operators of the electrical conductors above ground in any such street, avenue, highway or public place, that said electrical conductors shall be placed underground within a certain time to be fixed by the said commissioner, which said time shall be sufficient for the proper construction of underground conduits or other channels in said street, avenue, highway or public place. Whenever any duly authorized company operating or intending to operate electrical conductors in any street, avenue, highway or public place in that part of the city of New York which lies within the boroughs of Brooklyn, Queens and Richmond, shall desire to place its conductors or any of them underground, it shall be obligatory upon such company to file with the said commissioner a map or maps made to a scale, showing the streets or avenues or other highways or public places, which are desired to be used for such purpose, and giving the general location, dimensions, and course of the underground conduit desired to be constructed. Before any such conduit shall be constructed it shall be necessary to obtain the approval by said commissioner of said plan of construction so proposed by such company, and said commissioner shall have power to require that work of removal and of constructing every system of underground conductors shall be done according to such plan so approved.

Id.; procedure when board of estimate and apportionment determines upon.

Burial of wires—fixing time—hearing—

Sec. 527. Whenever the commissioner of water supply, gas and electricity in accordance with the resolution of the board of estimate and apportionment shall notify the owners or operators of any electrical conductors in the city of New York, that said conductors shall be removed or placed underground within a certain time, the time within which said electrical conductors shall be placed underground shall be fixed by said commissioner, giving all persons or corporations owning or operating such electrical conductors, an opportunity to be heard on the question of the time necessary to place said conductors underground, and after hearing the engineer of lighting and electricity, and such other expert opinion as the said commissioner may think advisable. Said owners or operators of electrical conductors above ground in such street or locality shall be required to move all of said poles, wires or other electrical conductors and supporting fixtures or other devices from any such street or locality within thirty days after the expiration of the time so fixed by said commissioner.

Id.; permit necessary to take up pavement, etc.; commissioner of water supply, etc., to determine method of extension; board of aldermen may enact ordinances regulating use, etc.

Permits to open streets for electrical construction—power of commissioner—extensions—general ordinances—

Sec. 528. It shall be unlawful after the passage of this act, for any person or corporation to take up the pavement of any of the streets, avenues, highways or other public places of said city, or to excavate for the purpose of laying underground any electrical conductors, of constructing subways, or of erecting poles, unless permission in writing therefor shall have been first obtained from the said commissioner of water supply, gas and electricity with the written approval of the president of the borough within which it is desired to lay such conduits, erect such poles, or to construct such subways. No electrical conductors, shall be strung, laid or maintained above or below the surface of any street, avenue, highway or other public place, in any part of said city without permission in writing from said commissioner therefor. And the said commissioner shall determine whether any extension of the existing electrical conductors of any person or corporation in said city shall be by means of overhead or underground conductors. The board of aldermen may establish, and may from time to time enact general ordinances regulating the construction, maintenance, use and management of electrical conductors, poles and fixtures above ground, and the conduits and subways therefor constructed underground.

Sections 526, 527, 528, 529 to be police regulations.

Contracts for lighting—specifications—separate contract for each borough—power of commissioner as to light—execution of contracts—term of contracts—award—capacity of bidders—

Sec. 530. The commissioner of water supply, gas and electricity, under and in conformity to the ordinance regulating contracts shall prepare the terms and specifications under which contracts shall be made for lighting the streets, public buildings and parks of said city. Separate contracts shall be made for such lighting in each of the boroughs of the city of New York, or in such subdivision of the city as may appear to the board of estimate and apportionment to be for the best interests of the city. The number, kind and location of lights to be furnished under each of said contracts shall be determined and prescribed by the said commissioner. Such bids shall be prepared and advertised for, and such contracts shall be executed in the manner prescribed for herein as to other contracts entered into by said city or the departments thereof. Contracts shall be made for the term of not exceeding one year and shall be awarded to the lowest bidder, unless the board of estimate and apportionment shall determine that it is for the public interest that a bid other than the lowest should be accepted. Contracts made for a given borough or district shall include all lights of a given kind used by said city in said borough or district then ordered or thereafter to be ordered by said commissioner during the term of said contract. But no bid shall be entertained unless the said commissioner shall be satisfied that the party or parties bidding are possessed of sufficient plant to carry out the provisions of the contract.

Maps, etc., to be turned over to commissioner.

Maps, etc., of public buildings, lighting and supplies—

Sec. 531. The commissioner of public buildings, lighting and supplies, as constituted by chapter three hundred and seventy-eight of the laws of eighteen hundred and ninety-seven, is hereby required and directed to turn over and deliver to the commissioner of water supply, gas and electricity, on the first day of January, nineteen hundred and two, all maps, plans, models, books and papers and all official records and papers of every kind in his possession relating to the construction and location of electrical conductors, conduits or subways, filed with or communicated to said commissioner.

THE ELECTRIC CODE OF THE CITY OF NEW YORK.

Regulating the construction, maintenance, use and management of the electrical conductors, poles and fixtures above ground and the conduits and subways therefor underground; and prescribing the method of construction, operation, location, arrangement, insulation and use of electric wires, appliances and currents when introduced into or placed on or near any building in The City of New York.

Adopted by the Board of Aldermen.....

Approved by the Mayor.....

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## Taking Effect.

Be it Ordained by the Board of Aldermen of The City of New York, pursuant to sections 469, 523, 524 and 528 of chapter 466 of the Laws of 1901 and the acts amendatory thereof and supplemental thereto, as follows:

## Name—

Section 1. This ordinance shall be known as "The Electric Code of The City of New York."

## Construction—

Sec. 2. This ordinance is hereby declared to be remedial, and is to be construed liberally.

## Building Code—

Sec. 3. This ordinance shall be deemed to be, and shall be taken as, a part of and supplemental to "The Building Code," and to be incorporated therein.

## Underground Conductors and Conduits—

Sec. 4. The construction, location and use below ground of electrical conductors and of electrical ducts, conduits and subways shall be governed and regulated as follows:

## Part I.

## Permits and Construction.

## Construction—Permit—

Rule 1. All plans and specifications for the construction of electrical subways, showing method of construction and materials to be used, must be submitted to the Commissioner for his approval, and, without such approval, and the written permit of the Commissioner, no subways, ducts or conduits shall be constructed for the accommodation of any electrical conductors. Alterations or additions to the subways requested by a lessee must be made by the Subway Company upon obtaining the written permit of the Commissioner.

## Part II.

## Applications for Space.

## Applications for Space—

Rule 2. The written consent of the Commissioner must be obtained before any conductors are placed in the subways. All applications for space in subways not owned or controlled by the applicant must be made in writing to the Subway Company, and must give:

- The name of the applicant.
- The purpose for which the conduit is desired.
- The number, material and dimensions of conductors proposed to be placed therein.
- The arrangement of said conductors, whether single or in cables, and if in cables, the number of conductors and their disposition in each cable.
- The maximum electromotive force to be used on said conductors.
- The nature of the insulating material or materials to be employed.
- Such other information as will fully explain the use to be made of the space desired.

## Part III.

## Repairs, Alterations and Extensions of Conductors.

## Repairs, etc.—Precautions—Temporary Joints—

Rule 3. Except as in this ordinance otherwise expressly provided, underground conductors must not be repaired, altered or extended without the written permit of the Commissioner. Whenever, in the judgment of the Commissioner, repairs or alterations in a conductor or conductors in a subway are necessary, such repairs or alterations must be made by the party owning or controlling said conductors, immediately upon notice from the Commissioner. During the progress of any repairs or alterations upon, or to, a conductor or conductors, the party owning the same must take such precautions as may be necessary to protect the subway and the conductors of other parties from injuries. Temporary joints must not be made unless properly insulated and protected.

## Applications for Permits—

In case the applicant does not own or control the subway, all applications for permits to make repairs or alterations to conductors in the subways must be made in writing to the Subway Company, and must be approved by the Commissioner, and must give:

- The name of the applicant.
- A complete identification of the conductor or conductors referred to, and of the particular conduit or conduits to which access is desired.

The extent and character, as far as possible, of the proposed repairs or alterations and of the probable date when the same will be completed, and the conductor or conductors restored to approved condition for use.

## Reports—

Upon the completion of the repairs or alterations, a report, giving them in detail, must be made to the Commissioner.

## Repairs Without Permits—

In cases of unforeseen and unavoidable emergency, repairs may be made to subways or to conductors in subways without a permit of the Commissioner, but a full report of such repairs must be forwarded at once to the Commissioner. Nothing, however, in this rule shall be so construed as to permit the construction, without a permit of the Commissioner having first been obtained, of any additions to or extensions of subways or the laying of any additions to or extensions of conductors.

## Part IV.

## Underground Services.

## Underground Services—From Building to Building—

Rule 4. Cables drawn in subsidiaries for service connections to buildings, must not be run through basements or cellars to the adjacent buildings. If it is desired to extend to an adjacent building service from a building into which a subsidiary enters, the cables must be run in conduits looped around the outside walls of the building, and must not be run through a wall or partition separating the buildings.

## Termination—

Rule 5. Service conductors must always terminate in an approved switch and cut-out located in the front of a building. If the conditions warrant the service entering the side or rear of a building, the conduit must be brought, where practicable, through the cellar to a switch and cut-out at the front wall of the building.

## Disconnection—

Rule 6. Upon disconnecting house wiring from service conductors having a difference of potential of over 500 volts, the live ends of the underground cables must be entirely enclosed in an approved iron box mechanically secured to the conduit, locked or sealed to prevent contact being made with surrounding material, or the tampering or connecting with the conductors by unauthorized persons; and where it is impracticable to do so, the cables must be disconnected in the subway manhole.

## Lead Covering—

Rule 7. All cables placed in any electrical subway or subsidiary must be protected by a lead covering which must be continuous from end to end; and where splices occur, the lead covering must be joined by a lead coupling soldered so as to make a water-tight joint.

## Not to Enter Beyond Cellar—

Rule 8. Conductors carrying an alternating current at an electromotive force of over 550 volts must never enter a building further than the cellar.

## Tags—

Rule 9. Tags for the purpose of identification must be placed upon all wires and cables.

## Part V.

## Insulation Resistance and Tests.

## Tests of Insulation Resistance—

Rule 10. All conductors drawn into and operated in subways, and intended to convey current of two or more amperes with an electromotive force exceeding 550 volts, must have withstood a test for "breaking down" strength at an electrical tension at least two and one-half times greater than that to which the said conductors will be subjected in actual operation; and must have, when laid and connected in subways, at a temperature of 60 degrees Fahr., an initial insulation resistance of not less than two megohms per mile per one hundred volts electromotive force on the circuit. Whenever the insulation resistance of a conductor as aforesaid shall prove to be less than one-half ( $\frac{1}{2}$ ) megohm per mile per one hundred volts, the use of that conductor must at once cease, unless the actual electromotive force on such conductors be reduced so as to re-establish the foregoing ratio.

The insulation resistance per mile length of all branches and feeders of the main conductors must equal at least that of the respective conductors to which said branches and feeders are connected.

Rule 11. The insulation resistance of each length of cable or conductor must be determined before said length is laid in the subway. All lines must be tested for insulation resistance immediately after completion in the subway, and those carrying currents of over two amperes at 550 volts must be tested thereafter at least weekly. A conductor must be tested for insulation resistance immediately after any new connection with, addition or repair to, or alteration of any sort in, said conductor is made, and also whenever any other conductor is placed in the same duct. This rule shall not apply to conductors conveying currents of less than two amperes at a tension of less than 550 volts.

## Part VI.

## Records and Reports.

## Records and Reports of Tests—

Rule 12. Authenticated records of the results of all tests and determinations must be filed with the Commissioner within 24 hours after the completion of the same, if required, and the Commissioner shall have power to verify or cause such tests or determinations to be repeated at his discretion.

## Part VII.

## Access to Subways and Manholes.

## Inner Cover—

Rule 13. All manholes must have the inner cover locked with a special manhole padlock of the subway company, the keys of which must be kept in the possession of the subway company.

## Access—

- Rule 14. Access to the subways is limited to the authorized representatives of:
  - (1) The Commissioner;
  - (2) The Subway Company;
  - (3) The lessees or occupants of the ducts.

## Application for Permit—

Rule 15. Access to the subways shall be had only upon application to the subway company or its regular inspector, on presentation of the Commissioner's permit.

## Inspector's Duties—

Rule 16. Access to the subways shall be had only in the presence of an inspector of the subway company, who must hold possession of the keys of the manhole; who must see that the manholes are properly opened and closed by the tenant; who must remain present during the operation of the tenants, and who is hereby charged with the duty of seeing that the subway company's property, and the property of its tenants, and the property of the City are not injured.

In case of any violation of this ordinance or any injury to property being made or threatened, said inspector shall have power to and must suspend all work, and must report all the facts immediately to the Commissioner and the subway company.

## Protection of Opening—Guard Frame—Ventilation—Lights—

Rule 17. Whenever a manhole is opened, the tenant must place an iron guard frame in the street opening. Manholes, when they are opened and before commencing work, must be free from gas and other explosive substances, and if they are not free thereof, the tenant must ventilate the manholes. The subway company must provide, for such purposes, a fan or blower to be operated by the applicant for such time as may be sufficient to clear the manholes of gas to such an extent as to render it safe for his workmen to enter therein, and no light must be used by the tenant in his operation in the manholes, except when the above examination has shown the absence of gas and other explosive substances. If, after the first



ventilation, gas or other explosive substance is noticed, the tenant must cause the ventilation to be continued.

#### Watchmen—

Rule 18. In all work conducted in the manholes, one man must always be provided by the tenant to act as watchman on the surface at each manhole when open, who must keep constant guard and warn pedestrians, drivers of or persons in control of vehicles and other persons, and who must assist the Subway Inspector in whatever the latter requires in emergency.

#### Smoking—

Rule 19. Smoking in or around manholes is prohibited.

#### Intoxicated or Unreliable Persons—

Rule 20. No one under the influence of liquor or otherwise unreliable must be allowed to engage in work in the subways.

#### Wind Shield—

Rule 21. While the manhole is occupied no cover of any kind whatsoever must be placed over the manhole opening; but a shield may be placed around the windward half of the iron frame to protect the workmen from the dust and wind.

#### Overhead Conductors and Poles—

Section 5. The construction, erection, location and use above ground of electrical conductors, poles, cross arms, lamps, fixtures and other appliances and attachments, shall be governed and regulated as follows:

##### Part I.

##### Poles.

#### Poles—Lines for Conductors of Like Classes—

Rule 22. Two lines of poles bearing conductors of a like class must not be erected in any street or avenue, unless one line be for the operation of street railways.

#### Lines on Same Street—

Rule 23. Two lines of poles must not be erected on the same side of any street or avenue unless one line be for the operation of street railways.

#### Location of Poles—

Rule 24. Poles must be set in the sidewalk about twelve inches from the outer edge of curb, and unless for the operation of a street railroad or at street corners, where necessary to support wires running on the cross street, no pole shall be placed within ten feet of any lamp-post, hydrant or other pole.

#### Crossing Streets—

Rule 25. Each line of poles must be run on one side of the street only, except that when it is absolutely necessary to change to the other side, permission for such change may be granted by the Commissioner.

#### Spacing—

Rule 26. Poles must be uniformly spaced, and there must not be less than fifty to the mile for electric light and power purposes, and not less than forty to the mile for telegraph, telephone and signal purposes.

#### Painting—Numbering—

Rule 27. All poles now standing, or erected hereafter, must, when required by the Commissioner (but he shall not so require oftener than once each year), be painted from top to bottom such colors as may be designated by the Commissioner and in all cases branded or stamped with the initials of the company owning them, at a point not less than five or more than seven feet from the street surface, and also with individual pole numbers as designated by the Commissioner.

#### Removal, etc.—

Rule 28. When a pole is taken down it must be removed from the streets the same day. New poles must not be brought upon any street more than two days in advance of erection. Any pole that shall lie in any street more than two days must be removed by the President of the Borough in which such pole is, at the expense of the owner thereof.

#### Use by Other Companies—

Rule 29. The company or persons owning or controlling poles in any street or avenue must allow the same to be used by other companies or persons operating conductors of a similar electrical service when directed to do so by the Commissioner, on tender of proper compensation.

#### Combination Pole Lines—

Rule 30. Where "combination" pole lines are permitted by the Commissioner they must be constructed as follows:

#### How Set—

Paragraph (a) Poles must be at least 45 feet in length, and at least 6½ feet of such length must be in the ground.

#### Arrangement of Conductors—

Paragraph (b) Each pole must be provided with 6 gains, placed respectively 1, 3, 5, 10, 12 and 14 feet below the peak, the upper 3 gains to carry 8-foot 6-pin cross arms for electric light and power conductors, transformers, and other appliances, the lower 3 to carry 10-foot 10-pin cross arms for telegraph, telephone and signal wires and appliances. The fourth cross-arm, counting from the top, must be reserved for the use of the signal system of the City. The pole pins of the fourth, fifth and sixth arms must be left vacant, to provide at least 26 inches clearance for the passage of linemen.

#### Conductors Passing Down—How Protected—

Paragraph (c) If it is necessary for electric light, power and signal conductors to pass down the pole for any purpose whatever, the electric light and power conductors must be provided with a grounded lead sheathing, and each conductor must be inclosed in an insulating covering which shall afford suitable protection against mechanical injury.

#### Location of Signal Cables—

Paragraph (d) Aerial cables, for signal purposes, must be placed just below the sixth cross arm, or just below the braces thereof. They must be hung from messenger wires grounded every 500 feet.

#### Mast Arms, etc., to be Grounded—

Paragraph (e) Mast arms and other conducting rigging located below the sixth cross arm and employed for electric lighting and power purposes must be grounded.

#### Ground Wires—

Paragraph (f) Ground wires must be of copper wire, with rubber insulation, carried down the pole in a casing which shall afford suitable protection against mechanical injury.

##### Part II.

##### Cross Arms.

#### Cross Arms—Painting—Marks—

Rule 31. Cross arms must be uniform in length, strengthened by braces, and, except in the case of "combination poles," painted the same color as the poles, the cross arms of each company being distinguished by some characteristic mark to indicate ownership, all of which marks must be registered with the Commissioner, and not be changed without his written permission.

#### Pole Brackets—

Rule 32. Pole brackets must not be used on poles carrying electric conductors of any kind; conductors must be supported by cross arms. The Commissioner may, however, wherever it may be done without danger, permit a single conductor to be supported on pins, one on the top of each pole.

##### Part III.

##### Lamp-posts and Poles for Lighting.

#### Lamp-posts—

Rule 33. All permits for the erection, maintenance, location and use of lamp-posts or poles for lighting purposes shall be revocable at the pleasure of the Commissioner.

##### Part IV.

##### Conductors.

#### Conductors—Supports—

Rule 34. All conductors must be supported upon poles or other fixtures by means of petticoat insulators of glass or porcelain when the potential exceeds 100 volts, or by porcelain knobs or cleats when the potential is less than 100 volts.

Similar methods of support must be employed for conductors which pass normally within four inches of any pole, building or other object. Rubber hooks must not be used under any circumstances.

#### Distance from Ground—Extra Protection—

Rule 35. Wherever practicable, the medium distance between the lowest point of sag of conductors and the highest point of the surface of street between poles must be 20 feet. Where this is impracticable, more rigid methods of support than those allowed by this ordinance for line conductors must be employed. Conductors subject to mechanical injury or tampering must have the insulation protected by an approved extra covering.

#### Separation of Classes—

Rule 36. Conductors of one class must not be placed on poles, cross arms or other fixtures erected or maintained for supporting conductors of another class, except at crossings or where otherwise expressly authorized by the Commissioner in writing.

#### Tags—

Rule 37. Where conductors of different ownership occupy the same cross arm, each wire must bear a tag on which is stamped the owner's name, initial or trade mark. Each tag must be made of unoxidizable metal, and must be securely fastened to its conductor near the insulator.

#### Length of Run—

Rule 38. The length of run allowable for lamp connections from subway subsidiaries to lamps or buildings must not exceed 100 feet, and from pole lines to lamps or buildings must not exceed 225 feet.

##### Part V.

##### Repairs.

#### Repairs, Permits—Badges—

Rule 39. Every overhead line, pole, fixture, conductor and other appliance must be kept in thorough order and repair in conformity with this ordinance, and to this end, in cases of unforeseen or unavoidable emergency, repairs may be made without a permit of the Commissioner, but a full report of such repairs must be forwarded at once to the Commissioner. Nothing, however, in this rule must be so construed as to permit the erection, without permit having been previously obtained, in any street, avenue, highway or other public place, of any additional conductors, poles or other fixtures, or the changing or extension of any existing route or location. Every lineman must wear in a conspicuous place a badge showing the name of his employer and his number, if he has any.

##### Part VI.

##### Removals.

#### Removals—Unused Conductors—

Rule 40. All broken and "dead" wires and all conductors not actually in use must be removed on notice from the Commissioner by the owner of same, or by the owner of the supports of such wires or conductors.

#### Unused Service Loops—

Rule 41. No unused service loops must be allowed to remain in place for more than thirty days after the service has been discontinued, except that the Commissioner may, whenever it can be done without danger, permit service loops to remain on the express condition that the service will be resumed within ninety days. When the service loop is thus allowed to remain, the joints or terminals must be as well insulated as the conductors themselves.

#### Underground Accommodations Prevent Repairs, etc.—

Rule 42. In the case of lines in districts where underground accommodations have been provided and the specified time for the burial of the conductors provided by law has elapsed, companies owning or operating such lines shall not make any repairs or connections, nor go upon the poles bearing such lines for any purpose whatever, except to remove the said lines of electrical conductors when directed by the Commissioner to do so.

##### Part VII.

##### Tests.

#### Tests—

Rule 43. All circuits must be tested every hour, and when a ground occurs it must be removed at once, or the current must be discontinued until the insulation is restored.

##### Part VIII.

##### Reports.

#### Reports—

Rule 44. Every company or person erecting or maintaining overhead conductors, lamps, fixtures and the like, must make and file in the office of the Commissioner such record of the same as may be required by the Commissioner, and in such form and at such times as shall be prescribed by him.

#### Outside and Inside Work—

Sec. 6. The construction, installation, location, use and maintenance of interior and exterior wiring and of electric machinery, including the fixtures, fittings, appliances and materials for such wiring or machinery shall be governed and regulated as follows, except in so far as the same may be governed and regulated by section 5 of this ordinance:

##### Part I.

##### Stations and Dynamo Rooms.

Stations, etc., Generators—Frame Insulation—Grounding—Safety Fuse—Cover—Name Plate—

Rule 45. Electric generators must be located in a dry place; must never be placed in a room where any hazardous process is carried on, nor in places where they will be exposed to inflammable gases or flyings of combustible materials; and must be thoroughly insulated from the ground wherever practicable. Wooden base-frames used for this purpose, and wooden floors which are depended upon for insulation, where, for any reason, it is necessary to omit the base-frames, must be kept filled to prevent the absorption of moisture, and must be kept clean and dry. Where frame insulation is impracticable, the Commissioner may in writing, permit its omission, in which case the frame must be permanently and effectively grounded. Every constant-potential generator must be protected from excessive current by a safety fuse, or equivalent device, of approved design in each lead wire, but where such safety fuse or equivalent device is impracticable, the Commissioner may, in writing, permit the same to be dispensed with. Generators must each be provided with a waterproof cover; and must each be provided with a name plate, giving the maker's name, the capacity in volts and amperes, and the normal speed in revolutions per minute.

#### Conductors—Covering—

Rule 46. Conductors, from generators to switchboards, rheostats or other instruments, and thence to outside lines, must be in plain sight or readily accessible; and must have an approved insulating covering, except that in central stations, on exposed circuits, the conductor which is used must have heavy braided, non-combustible outer covering; must be kept so rigidly in place that they cannot come in contact with each other or other conductors; and must in all other respects be installed in accordance with the provisions of this ordinance as to inside work.

#### Switchboard Wiring—

In wiring switchboards, the ground detector, voltmeter and pilot lights must be connected to a circuit of not less than No. 14 B. & S. gauge wire, which circuit is protected by a standard fuse block and must not carry over 660 watts.

#### Switchboards—Construction—

Rule 47. Switchboards must be so placed as to reduce to a minimum the danger of communicating fire to adjacent combustible material; must be made of non-



combustible material or of hard wood in skeleton form, filled to prevent absorption of moisture. If wood is used, all conductors and all current carrying parts of the apparatus on the switchboard must be separated therefrom by non-combustible non-absorptive insulating material.

#### Location—Moisture—Distances Between Live Parts—

Switchboards must be accessible from all sides when the connections are on the back, but may be placed against a brick or stone wall when the wiring is entirely on the face. Under the latter conditions a distance of one inch must be left between board and wall. Switchboards must be kept free from moisture. On switchboards the distances between bare live parts of opposite polarity must be made as great as practicable, and must not be less than those given in Rule 179 of this ordinance for tablet-boards.

#### Resistance Boxes and Equalizers—

Rule 48. Resistance boxes and equalizers must be placed on a switchboard or, if not thereon, at a distance of at least one foot from combustible material, or separated therefrom by a non-inflammable, non-absorptive, insulating material, such as slate or marble. The attachments of the separating material to its support and to the device must be independent of each other, and the separating material must be continuous between the device and the support.

#### Incandescent Lamps as Resistances—Name Plates—

Where protective resistances are necessary in connection with automatic rheostats, incandescent lamps may be used, provided they do not carry or control the main current nor constitute the regulating resistance of the device, and when used must be mounted in porcelain receptacles upon non-combustible supports and must be so arranged that they cannot have impressed upon them a voltage greater than that for which they are rated. The supports must in all cases be provided with a name plate, which shall be permanently attached beside the porcelain receptacle or receptacles and stamped with the candle power and voltage of the lamp or lamps to be used in each receptacle.

#### Lightning Arresters—Location—Kinks, etc.—Ground Connections—

Rule 49. Lightning arresters must be attached to each conductor of every overhead circuit connected with the station; must be located in readily accessible places away from combustible materials, and as near as practicable to the point where the conductors enter the building, and must be placed in plain sight on the switchboard, if possible. Kinks, coils and sharp bends in the wires between the arresters and the outdoor lines must be avoided if possible. Lightning arresters must be connected with a thoroughly good and permanent ground connection by metallic strips or wires having a conductivity not less than that of a No. 6 B. & S. gauge copper wire, which must be run as nearly in a straight line as possible from the arresters to the ground connection. Ground wires for lightning arresters must not be attached to gas pipes within buildings. In no case must the ground wires from lightning arresters be put into iron pipes.

#### Care, etc.—

##### Rule 50. Care and attendance:

A competent man must be kept on duty where generators are operating.

#### Oily Waste—

Oily waste must be kept in approved metal cans and removed daily. Each such can shall be made of metal, with legs raising can three inches from the floor, and with self-closing cover.

#### Testing of Insulation Resistance—Ground Detector—

##### Rule 51. Testing of insulation resistance:

All circuits, except such as are permanently grounded in accordance with Rule 69 of this ordinance, must be provided with reliable ground detectors. Ground wires from ground detectors must not be attached to gas pipes within building.

Where continuously indicating ground detectors are not practicable, the circuits must be tested at least once per day.

Data obtained from all tests must be taken and preserved in duplicate, and one of the duplicates forwarded promptly to the Commissioner and filed with him.

#### Motors, Insulation—

Rule 52. Motors must be thoroughly insulated from the ground wherever practicable. Wooden base-frames used for this purpose, and wooden floors which are depended upon for insulation where, for any reason, it is necessary to omit the base-frames, must be kept filled to prevent absorption of moisture, and must be kept clean and dry.

#### Grounding—

Where frame insulation is impracticable, the Commissioner may, in writing, permit its omission, in which case the frame must be permanently and effectively grounded.

#### Wiring—

Motors must be wired in all respects in accordance with the requirements of this ordinance as to inside work. The motor leads or branch circuits must be designed to carry a current at least 25 per cent. greater than that for which the motor is rated, in order to provide for overloading of the motor and the increased current required in starting, without over-fusing the wires.

#### Cut-out and Switch—Location—

Each motor and resistance box must be protected by a cut-out and controlled by a switch, said switch plainly indicating whether current is "on" or "off." With motors of one-fourth horse power or less, on circuits where the voltage does not exceed 300, the requirements of Rule 77 of this ordinance must be complied with, and single pole switches may be used as allowed in Rule 78 of this ordinance. The switch and rheostat must be located within sight of the motor, except in cases where special permission to locate them elsewhere is given, in writing, by the Commissioner.

Where the circuit breaking device on the motor-starting rheostat disconnects all conductors of the circuit, the switch called for in this section may be omitted.

#### Overload Release Devices—

Overload release devices on motor-starting rheostats will not take the place of the cut-out required by this rule if such devices are inoperative during the starting of the motor.

#### Location of Rheostats to be, etc.—

Motors must have their rheostats or starting boxes located so as to conform to Rule 48 of this ordinance.

#### Arrangement—

Motors must not be run in series-multiple or multiple-series, except on constant-potential systems, and then only by special permission of the Commissioner.

#### Cover—

Motors must be covered with a waterproof cover when not in use, and, if deemed necessary by the Commissioner, must be enclosed in an approved case.

#### Insulation in Case of Fans—

Motors must, when combined with ceiling fans, be hung from insulated hooks, or else there must be an insulator interposed between the motor and the support.

#### Name-plate—

Motors must each be provided with a name-plate, giving the maker's name, the capacity in volts and amperes, and the normal speed in revolutions per minute.

#### Drip-pan—

Every motor must be provided with an approved metal drip-pan, except where its omission is permitted by the Commissioner in writing.

#### Railway Power Plants—Circuit Breaker—

Rule 53. In railway power plants, each feed wire, before it leaves the station, must be equipped with an approved automatic circuit breaker or other approved device, which will immediately cut off the current in case of an accidental ground or any excessive overload. This device must be mounted on a fireproof base, and in full reach of the attendant.

#### Storage and Primary Batteries—

##### Rule 54. Storage and primary batteries:

When a current for light and power is taken from storage or primary batteries, the same general regulations must be observed as apply to similar apparatus fed from dynamo generators developing the same difference of potential.

#### Ventilation—

Storage battery rooms must be thoroughly ventilated.

#### Insulation—

All storage batteries must be mounted on non-absorptive, non-combustible insulators, such as glass or thoroughly vitrified and glazed porcelain.

#### Cell Connections—

Any metal liable to corrosion must not be used in cell connections of storage batteries.

#### Transformers—Location—

##### Rule 55. Transformers:

In central or sub-stations the transformers must be so placed that smoke from the burning out of the coils or the boiling over of the oil (where oil filled cases are used) can do no harm.

#### Part II.

#### Outside Work.

#### Outside Work—Conductors—Insulation—

Rule 56. Conductors for service connections must have an approved rubber insulating covering, and those lying within reach and operated at a potential exceeding 300 volts must be insulated by rubber 6-32 inch in thickness, covered by two coarse cotton braids impregnated with moisture repellent, unless a grounded metallic armor is used. Line conductors must have an approved weather-proof or rubber insulating covering. All "tie wires" must have an insulation equal to that of the conductors they confine.

#### Location of Conductors—

Rule 57. Conductors must be so placed that moisture cannot form a cross connection between them, must be placed not less than a foot apart, and must not be placed in contact with any substance other than their insulating supports. Wooden blocks to which insulators are attached must be covered over their entire surface with at least two coats of water-proof paint.

#### Conductors on House Tops—

Rule 58. Conductors must not be strung over house tops unless by special permission, in writing, from the Commissioner.

#### Protection of Conductors—Crosses—

Rule 59. Conductors must be protected by dead insulated guard irons or wires from possibility of contact with other conducting wires or substances to which current may leak. Special precautions of this kind must be taken where sharp angles occur, or where any conductors may possibly come in contact with electric light or power conductors. Crosses, when unavoidable, must be made as nearly at right angles as possible.

#### Insulators for Conductors—Rubber Hooks—

Rule 60. Conductors must be provided with petticoat insulators of glass or porcelain where the potential exceeds 300 volts. Rubber hooks must not be used.

#### Joints in Conductors—

Rule 61. Conductors must be so spliced and joined as to be both mechanically and electrically secure without solder. The joints must then be soldered, to insure preservation, and covered with an insulation equal to that on the conductors. All joints must be soldered, even if made with some form of patent splicing device.

#### Conductors Entering Buildings—

Rule 62. Conductors must, when they enter buildings, have drip loops outside, and the holes through which the conductors pass must be bushed with non-combustible, non-absorptive insulating tubes slanting upward toward the inside.

#### Conductors for Signaling Systems—

Rule 63. Conductors for signaling systems must not be placed on the same cross-arm with electric light or power conductors, but when placed on the same pole with such conductors the distance between the two inside pins of each cross-arm must not be less than twenty-six inches.

#### Sheaths of Cables to be Grounded—

Rule 64. The metallic sheaths to cables must be permanently and effectively connected to "earth."

#### Trolley Wires—

Rule 65. "Trolley wires" must not be smaller than No. 0 B. & S. gauge copper, and must readily stand the strain put upon them when in use, and must have a double insulation from the ground. In wooden pole construction the pole shall be considered as one insulation. Trolley wires and feeders must be capable of being electrically disconnected at the power plant, or of being divided into sections, so that, in case of fire on the railway route, the current may be shut off from the particular section and not interfere with the work of the Firemen.

#### Ground Return Wires—

Rule 66. In order to diminish electrolytic corrosion of underground metal work ground return wires must be so arranged that the difference of potential between the grounded dynamo terminal and any point on the return circuit shall not exceed twenty-five volts.

#### Conductors for Constant Potential Systems of 5,000 Volts, etc.—

Rule 67. Conductors for constant potential systems of 5,000 volts or over must be located as follows:

#### Contacts to be Avoided—

Paragraph a. Every reasonable precaution must be taken in arranging routes so as to avoid exposure to contact with all other electric circuits.

#### Distance from Other Systems—Combination Poles—

Paragraph b. Except as by this rule otherwise provided the conductors must not approach those of other systems nearer than a distance equal to the height of the taller system, and such lines must not be on the same poles with other conductors, except that signaling wires used by the company operating the high tension system, and which do not enter property other than that owned or occupied by such company, may be carried on the same poles by special written permission of the Commissioner.

#### Precautions—

Paragraph c. Where the conductors must necessarily be carried nearer to those of other systems than is specified in Paragraph b of this rule, or where they must necessarily be carried on the same poles with other conductors, extra precautions to reduce the liability of a breakdown to a minimum must be taken. If carried on the same poles with other conductors the high tension conductors must be carried at least three feet above the other conductors.

#### Crosses—

Paragraph d. Where the conductors cross those of other systems, the poles or supports of both systems must be of heavy and substantial construction.

Whenever it is practicable, end-insulator guards must be placed on the cross-arms of the upper system. If the high-tension conductors cross below the other wires, the conductors of the upper line should be dead-ended at each end of the span to be double grooved or to standard transposition insulators, and the system completed by loops. One of the following forms of construction must then be adopted:

1. The height and length of the cross-over span must be made such that the shortest distance between the lower cross-arms of the upper system and any conductor of the lower system will be greater than the length of the cross-over span, so that a conductor breaking near one of the upper pins will not be long enough to reach any con-



ductor of the lower system. The high-tension conductors must be above the other conductors.

2. A joint pole may be erected at the crossing point, the high-tension conductors being supported on this pole at least three feet above the other conductors. Mechanical guards or supports must then be provided, so that in case of the breaking of any upper conductor, it will be impossible for it to come into contact with any of the lower conductors.

3. Whenever neither of the above methods is practicable, a screen of wires must be interposed between the systems at the cross-over. This screen must be supported on high-tension insulators or grounded and should be of such construction and strength as to prevent the upper conductors when falling from coming into contact with the lower ones.

If the screen is grounded each wire of the screen must be of such size and so connected and earthed that it can surely carry to ground any current which may be delivered by any of the high-tension conductors, and the construction must be such that the wires of the screen will not be destroyed by any arcing likely to occur at the point of contact.

#### Height and Distance from Building—

Paragraph e. When it is necessary to carry the conductors near buildings, they must be at such height and distance from the building as not to interfere with firemen in event of fire; viz, if within 25 feet of a building, they must be carried at a height not less than that of the top front cornice, and height must be greater than that of such cornice, as the conductors come nearer to the building, in accordance with the following table:

Distance of Conductor from Building. Feet.	Elevation of Conductor Above Cornice of Building. Feet.
25	0
20	2
15	4
10	6
5	8
2½	9

#### Transformers—

Rule 68. Transformers must not be placed inside of any building, excepting central stations, unless by special written permission of the Commissioner, and must not be attached to the outside walls of buildings unless separated therefrom by substantial supports.

#### Grounding Low-Potential Systems—

Rule 69. Grounding low-potential systems:

Two-wire, direct-current, low-potential systems having no accessible neutral point must not be grounded. If necessary, the Commissioner may require all other low-potential systems to be grounded, but only when the system is so arranged that under normal conditions of service there will be no passage of current over the ground wire; and when required, the grounding must be as follows:

#### Direct-Current, Three-wire Systems—

Paragraph a. In direct-current, three-wire systems, the neutral wire must be grounded at the central station on a metal plate buried in coke beneath the permanent moisture level, and also through all available underground water and gas-pipes. When the system is under ground the neutral wire must also be grounded at each distributing box through the box. When the system is overhead the neutral wire must be grounded every 500 feet, in the manner prescribed by Paragraphs c, e, f and g, of this rule.

#### Alternating-Current Secondary Systems—

Paragraph b. In alternating-current secondary systems, the transformer secondaries must be grounded at the neutral point or wire, whenever such point or wire is accessible; when no such point or wire is accessible, one side of the secondary circuit may be grounded, provided the maximum difference of potential between the grounded point and any other point in the circuit does not exceed 250 volts. The ground connections must be at the transformer as provided in Paragraphs d, e, f and g, of this rule, and when the transformers feed systems having a neutral wire, such wire must also be grounded at least every 250 feet in the case of an overhead system, and every 500 feet in the case of an underground system.

#### Ground Wire Alternating-Current Systems—

Paragraph c. The "ground wire" in direct-current, three-wire systems must not, at central stations, be smaller than the neutral wire, and not smaller than No. 6 B. & S. gauge elsewhere.

#### Ground Wire Alternating-current Systems—

Paragraph d. The "ground wire" in alternating-current systems must never be less than No. 6 B. & S. gauge, and must always have equal carrying capacity to the secondary lead of the transformer, or the combined leads where transformers are connected in parallel. In three-phase systems, the "ground wire" must have a carrying capacity equal to that of any one of the three mains.

#### Ground Wire Location—

Paragraph e. The "ground wire" must be kept outside of buildings, but may be directly attached to the building or pole. The wire must be carried in as nearly a straight line as possible, and kinks, coils, and sharp bends must be avoided.

#### Ground Connection for Central Stations, etc.—

Paragraph f. The ground connection for central stations, transformer and substations, and banks of transformers must be made through metal plates buried in coke beneath the permanent moisture level, and connection must also be made to all available underground piping systems, including the lead sheath of underground cables.

#### Ground Connections for Individual Transformers, etc.—

Paragraph g. For individual transformers and building services the ground connection may be made as in Paragraph f of this Rule or may be made to water or other piping systems running into the buildings. This connection must be made by carrying the "ground wire" into the cellar and connecting on the street side of meters, or main cocks, but connection must never be made to any lead pipe forming part of a gas service.

#### Part III. A.

#### Inside Work—

Inside Work, All Systems and Voltages.

#### Conductors—

Rule 70. Conductors must not be of smaller size than No. 14 B. & S. gauge, except as otherwise in this ordinance expressly allowed.

#### Tie Wires—

"Tie wires" must have an insulation equal to that of the conductors they confine.

#### Joints—

Conductors must be so spliced or joined as to be both mechanically and electrically secure without solder. The joints must then be soldered to insure preservation, and covered with an insulation equal to that on the conductors.

#### Stranded conductors—

Stranded conductors must be soldered before being fastened under clamps or binding screws, and whether stranded or solid, when they have a conductivity greater than that of No. 8 B. & S. gauge they must be soldered into lugs for all terminal connections.

#### Separation—

Conductors must be separated from contact with walls, floors, timbers of partitions through which they may pass by non-combustible, non-absorptive insulating tubes, except as otherwise in this ordinance expressly provided.

Bushings must be long enough to bush the entire length of the hole in one continuous piece, or else the hole must first be bushed by a continuous waterproof tube. This tube may be a conductor, such as iron pipe, but in that case an insulating bushing must be pushed into each end of it, extending far enough to keep the conductor absolutely out of contact with the pipe.

Conductors must be kept free from contact with gas, water or metallic piping, or any other conductors or conducting material which they cross, by some continuous and firmly fixed non-conductor, creating a separation of at least one inch.

#### Conductors in Wet Places—

Conductors in wet places must be so placed that an air space will be left between conductors and pipes in crossing, and the former must be run in such a way that they cannot come in contact with the pipe accidentally. Conductors must when practicable be run over, and not under, pipes upon which moisture is likely to gather or which, by leaking, may cause trouble on a circuit.

#### Conductors in Elevator Shafts—

The installation of electrical conductors in elevator shafts, in wooden mouldings or on insulators, is prohibited, but conductors may be installed in such shafts if encased in approved metal conduits.

#### Underground Conductors—

Rule 71. Underground conductors must be protected against moisture and mechanical injury where brought into a building, and all combustible material must be kept from the immediate vicinity.

Underground conductors must not be so arranged as to shunt the current through a building around any catch-box.

Where an underground service enters a building through tubes, the tubes must be tightly closed at the outlets with asphaltum or other non-conductor, to prevent gases from entering the building through such channels.

No underground service from a subway to a building shall supply more than one building except by written permission of the Commissioner.

#### Carrying Capacity—

Rule 72. Table of carrying capacity of conductors:

	Table A. Rubber Insulation. See No. 41. Amperes.	Table B. Other Insulations. See Nos. 42 to 44. Amperes.	Circular Mills.
B. & S. G.			
18.....	3	5	1,624
16.....	6	8	2,583
14.....	12	16	4,107
12.....	17	23	6,530
10.....	24	32	10,380
8.....	33	46	16,510
6.....	46	65	26,250
5.....	54	77	33,100
4.....	65	92	41,740
3.....	76	110	52,630
2.....	90	131	66,370
1.....	107	156	83,690
0.....	127	185	105,500
00.....	150	220	133,100
000.....	177	262	167,800
0000.....	210	312	211,600
Circular Mills.			
200,000.....	200	300	
300,000.....	270	400	
400,000.....	330	500	
500,000.....	390	590	
600,000.....	450	680	
700,000.....	500	760	
800,000.....	550	840	
900,000.....	600	920	
1,000,000.....	650	1,000	
1,100,000.....	690	1,080	
1,200,000.....	730	1,150	
1,300,000.....	770	1,220	
1,400,000.....	810	1,290	
1,500,000.....	850	1,360	
1,600,000.....	890	1,430	
1,700,000.....	930	1,490	
1,800,000.....	970	1,550	
1,900,000.....	1,010	1,610	
2,000,000.....	1,050	1,670	

The above tables are prescribed without regard to the question of "drop." No smaller conductor than No. 14 B. & S. gauge must be used except as allowed by Rules 88 and 159 of this ordinance.

#### Switches, Cut-outs and Circuit Breakers—

Rule 73. Switches, cut-outs and circuit breakers must, except as otherwise specially provided in this ordinance, be so arranged that the cut-outs will protect, and the opening of a switch or circuit breaker will disconnect, all of the conductors; that is, in a two-wire system the two conductors, and in a three-wire system the other conductors, must be protected by the cut-out and disconnected by the operation of the switch or circuit breaker.

#### Location—

Switches, cut-outs and circuit breakers must not be placed in the immediate vicinity of inflammable material or where exposed to inflammable gases or dust or to flyings of inflammable material.

In starch and candy factories, grain elevators, flouring mills and buildings used for wood-working or other purposes where fittings may be exposed to dust and flyings of inflammable material the cut-outs and switches must be placed in approved cabinets and whenever practicable outside of the dust rooms. If, however, it is necessary to locate them in the dust rooms the cabinets must be dust-proof and must be provided with self-closing doors.

Switches, cut-outs and circuit breakers must, when exposed to dampness, either be inclosed in a water-proof box or mounted on porcelain knobs.

#### Time Switches—

Time switches must be inclosed in an iron box or cabinet lined with fire-resisting material.

If an iron box is used the minimum thickness of the iron must be .0128 of an inch (No. 8 B. & S. gauge).

If a cabinet is used it must be lined with marble or slate at least ¾ of an inch thick, or with iron not less than .0128 of an inch thick. The box or cabinet must be so constructed that when the switch opens the blades will clear the door by at least one inch.

#### Part III.

#### Inside Work Constant Current Systems.

Inside Work Constant Current Systems—Conductors—Covering—Switch Supports—Separation—Boxing—

Rule 74. Conductors must have an approved insulating covering, and must be arranged to enter and leave the building through an approved double-contact service switch mounted in a non-combustible case, kept free from moisture, and easy of



access to Police or Firemen. Conductors must always be in plain sight and never incased, except when required by the Commissioner; and must be supported on glass or porcelain insulators, which separate the conductors at least one inch from the surface wired over, and must be kept rigidly at least eight inches from each other, except within the structure of lamps, on hanger boards or in cut-out boxes, or like places, where a less distance is necessary; and must, on side walls, be protected from mechanical injury by a substantial boxing, retaining an air space of one inch around the conductors, closed at the top (the wires passing through bushed holes), and extending not less than seven feet from the floor or placed in iron pipe having an approved insulating lining. When crossing floor timbers in cellars, or in rooms where they might be exposed to injury, conductors must be attached by their insulating supports to the under side of a wooden strip not less than one-half inch in thickness.

#### Series Arc Lamps—Globe—

Rule 75. Series arc lamps must be carefully isolated from inflammable materials; must be provided at all times with a glass globe surrounding the arc, and securely fastened upon a closed base. Broken or cracked globes must not be used.

#### Netting—Spark Arresters—

Series arc lamps must be provided with a wire netting (having a mesh not exceeding one and one-fourth inches) around the globe, and an approved spark arrester when easily inflammable material is in the vicinity of the lamps, to prevent escape of sparks of carbon or melted copper.

#### Location—

Outside arc lamps must be suspended at least nine feet above the sidewalks. Inside arc lamps must be placed out of reach or suitably protected.

Arc lamps, when used in places where they are exposed to flyings of easily inflammable material, must have the carbons inclosed completely in a tight globe in such a manner as to avoid the necessity for spark arresters.

Nothing in this rule shall apply to inclosed arc lamps having tight inner globes, but the Commissioner may require a wire netting around the inner globe if the outer globe is omitted.

Where hanger-boards are not used, lamps must be hung from insulating supports other than their conductors.

#### Incandescent Series Lamps—Cut-out—Tubes—

Rule 76. Incandescent lamps in series circuits must have the conductors installed as required in Rule 74 of this ordinance, and each lamp must be provided with an automatic cut-out. Each lamp must be suspended from a hanger-board by means of rigid tube.

No electro magnetic device for switches and no multiple-series or series-multiple system of lighting must be used.

The lamps must not under any circumstances be attached to gas fixtures.

### Part III.C.

#### Inside Work Constant Potential Systems—All Voltages.

#### Constant Potential Systems, All Voltages—Automatic Cut-outs—Location—

Rule 77. Except on main switchboards or where otherwise expressly allowed by the Commissioner in writing, circuit-breakers must not be used, unless fuses are also provided. Automatic cut-outs must be placed on all service conductors, both overhead and underground, as near as possible to the point where they enter the building and inside the walls, and arranged to cut off the entire current from the building.

#### Protection of Switch—

Where the switch required by Rule 78 of this ordinance is inside the building, the cut-out required by this rule must be placed so as to protect it.

#### Change in Size of Conductors—

Automatic cut-outs must be placed at every point where a change is made in the size of conductor, except in a branch circuit, protected by a fuse or circuit breaker of not exceeding 660 watts capacity, and where provided in such case the cut-out in the larger conductor will protect the smaller; also where with the written permission of the Commissioner first obtained extensions are taken from risers to feed cut-outs placed within a short distance of the riser.

#### Location—

Automatic cut-outs must be in plain sight, or inclosed in an approved cabinet and readily accessible. They must not be placed in the canopies or shells of fixtures.

#### Link Fuses—

The ordinary porcelain link fuse cut-outs must not be used. Link fuses may be used only when inclosed in dust-tight, fire-proof cabinets and mounted on slate or marble bases, conforming to the requirements of Rules 174 to 179, inclusive, of this ordinance.

#### One Cut-out to 660 Watts—

Automatic cut-outs must be so placed that no more than one motor or set of incandescent lamps requiring more than 660 watts, whether grouped on one fixture or on several fixtures or pendants, will be dependent upon one cut-out. Special permission, however, may be given in writing by the Commissioner for departure from this requirement in case of large chandeliers, stage borders, and illuminated signs.

#### Link-fuse Rosettes—

On open work in large mills, approved link-fuse rosettes may be used at a voltage of not over 125, and approved enclosed fuse rosettes at a voltage of not over 250, the fuse in the rosette not to exceed 3 amperes, and a fuse of over 25 amperes must not be used in the branch circuit.

#### Taps—

All branches or "taps" from a three-wire Edison system must be run as two-wire circuits.

#### Capacity of Fuses—

The rated capacity of fuses must not exceed the allowable carrying capacity of the conductor, as given in Rule 72 of this ordinance.

#### Circuit Breakers—

Circuit breakers must not be set more than 30 per cent. above the allowable carrying capacity of the wire, unless a fusible cut-out is also installed in the circuit.

#### Switches—Location—

Rule 78. Switches must be placed on all service conductors, whether overhead or underground, in a readily accessible place, as near as possible to the point where the wires enter the building, and arranged to cut off the entire circuit.

Service cut-out and switch must be arranged to cut off current from all devices, including meters.

#### Knife Switches—

Switches must, when practicable, be installed in dry, accessible places. Otherwise they are to be enclosed in a waterproof box. They must be grouped as far as possible. Knife switches must be so placed that gravity will tend to open rather than close them.

#### Single Pole Switches—

Single pole switches must not be used when the circuits which they control supply devices which require over 660 watts of energy, or when the difference of potential is over 300 volts.

#### Flush Switches—

Where flush switches are used, whether with conduit systems or not, they must be enclosed in boxes constructed of iron or steel. No push buttons for bells, gas lighting circuits, or the like shall be placed in the same wall plate with switches controlling electric light or power wiring.

#### Blocks—

Where possible, at all switch or fixture outlets, a 3/8-inch block must be fastened between studs or floor timbers flush with the back of lathing to hold tubes, and to sup-

port switches or fixtures. When this cannot be done, wooden base blocks, not less than 3/4 inch in thickness, securely screwed to lathing, must be provided for switches, and also for fixtures which are not attached to gas pipes or conduit tubing.

#### Heating, etc., Apparatus—Location—Resistances—

Rule 79. Electric heating and cooking apparatus, whether portable or non-portable, must be placed in safe locations and out of reach of inflammable materials, and must be supported on non-conducting and non-combustible standards or bases so as to be at least 4 inches from wood work of any description or other inflammable material, unless protected by non-combustible materials, such as sheet metal and asbestos, so combined as to prevent appreciable transmission of heat, while securing full insulation. The heating wires or resistances must be inclosed in incombustible cases so adapted as to prevent accidental contact with any exterior object or material.

The apparatus must never be concealed, but must be at all times in plain sight.

The apparatus must have double pole switches, cut-outs, and other devices arranged as required by this ordinance for electric light or power apparatus employing the same current and potential.

#### Feed Wires—

The attachments of "feed-wires" to the apparatus must be in plain sight, easily accessible and protected from interference, accidental or otherwise; and must be securely made in the same manner that conductors are required by this ordinance to be attached to motors or generators dealing with equal currents, and the conductors must be continuous from the apparatus to the switch or cut-out, which must not be within two feet of the apparatus. The conductors must be thoroughly insulated and also covered with a good mechanical protection.

#### Portable Heating, etc., Apparatus—Cases—

Rule 80. In portable electric heating and cooking apparatus the resistances for heating must be inclosed in non-combustible cases which in turn must be mounted on non-conducting and non-combustible bases, raising the same at least one inch from any surface on which they stand. The apparatus must not be attached to lamp sockets, and when current of more than 10 amperes is required must conform to the requirements of Rule 79 of this ordinance.

#### Flexible Conductors—Plug Switches—

When currents of ten amperes or less are required, the apparatus may be connected by specially approved flexible double or twin wire conductors, provided each conductor is composed of two multi-strand conductors, each of which is insulated by a waterproof material and asbestos, while both are surrounded by a covering affording adequate mechanical protection. These flexible cords must also be connected to "plug switches" having double pole fuses in their sockets which will cut out the circuits if a cross connection should occur in the flexible conductor. Such "plug switch" must be so arranged that the plug will pull out and break the connection if an abnormal mechanical strain is brought on the flexible conductor.

#### Leading-in Conductors—

The leading-in conductors of these flexible cords must be connected to the apparatus at the point of lowest temperature, and where such conductors are detachable at the apparatus their terminals must be arranged with female ends, protected by porcelain, extending at least 1/8 inch beyond the metal terminals.

#### Connector—

If the connection at the apparatus is fixed, a separable double-pole connector must be placed in the circuit so that, in case an undue strain is brought on the conductors, the device will be automatically cut out and disconnected.

#### Length of Cord—

Flexible cord connections longer than six feet must not be used.

#### Receptacles—

Receptacles for plug attachments must be placed at least six inches above the floor.

#### Switches—

Where switches are provided they must conform to the requirements of Rule 78 of this Ordinance.

#### State Table—

Where a number of utensils are grouped for general cooking service, installations to be approved must be provided with slate, soap-stone or other approved slab or table for utensils to rest upon. Plug receptacles mounted on slate or other approved material must be attached to mains running at least six inches above the working surface of the table.

#### Heating Apparatus to be Applied to Inflammable Articles—Leading-in Conductors—Distance from Floors, etc.—Flexible Cord—

Rule 81. Sad irons and other electric heating appliances that are intended to be applied to inflammable articles, must conform to the requirements of Rules 79 and 80 of this Ordinance, and must also be provided with approved attachments which will cut off current when not in actual use. The leading-in conductors to the apparatus must be connected through porcelain connecting blocks, and the cable or cord of the same must be passed through an insulated elastic spiral or spring, so arranged as to protect the same from kinking, chafing or like injury at or near the point of connection. The conductors must be so placed that they will at all times be at least four feet from the floor and well protected against contact with water pipes or other possible ground connections. Flexible cord must not be used except when specifically approved by the commissioner in writing.

### Part III. D.

#### Inside Work—Low-Potential Systems—300 Volts or Less.

#### Inside Work—Low-Potential Systems—300 Volts or Less—Conductors—Separation of Live Parts—Location—Fished—

Rule 82. Conductors must be so arranged that under no circumstances will there be a difference of potential of 300 volts or more between any bare metal parts in any distributing switch or cut-out cabinet, or equivalent centre of distribution; must not be laid in plaster, cement or similar finish, and must never be fastened with staples; must not be fished except where it can be readily ascertained on inspection that the requirements of this Ordinance have been complied with.

#### Twin Conductors—

Twin conductors must never be used except in conduits, or where flexible conductors are necessary.

#### Protection—

Conductors must be protected on side walls from mechanical injury. When crossing floor timbers in cellars, or in rooms where they might be exposed to injury, conductors must be attached by their insulating supports to the under side of a wooden strip, not less than one-half inch in thickness, and not less than three inches in width.

Suitable protection on side walls must be secured either by a substantial boxing, retaining an air space of one inch around the conductors, closed at the top (the wires passing through the bushed holes), and extending not less than five feet from the floor; or by an iron-armored or metal-sheathed insulating conduit sufficiently strong to withstand the strain to which it will be subjected, and with the ends protected by the lining or by special insulating bushings, so as to prevent the possibility of cutting the insulation; or by plain metal pipe, lined with approved flexible tubing, which must extend from the insulator next below the pipe to the one next above it.

#### Metal Conduits—

If metal conduits or iron pipes are used to protect conductors carrying alternating currents, the two or more conductors of each circuit must be placed in the same conduit, and the insulation of each conductor must be reinforced by approved flexible tubing extending from the insulator next below the pipe to the one next above it. This must also be done in direct-current wiring if there is any possibility of alternating current ever being used on the system.

#### Exposure to Moisture—

When run in unfinished attics, or in proximity to water tanks or pipes, conductors are to be considered as exposed to moisture.



**Conductors for Open Work in Dry Places—Insulation—Supports—Separation—**

Rule 83. Conductors for open work in dry places must have an approved rubber or "slow-burning weatherproof" insulation, and must be rigidly supported on non-combustible, non-absorptive insulators, which will separate the wires from each other and from the surface wired over in accordance with the following table:

Voltage.	Distance from Surface.	Distance Between Wires.
0 to 300.....	½ inch	2½ inch

But nothing in this rule shall be so construed as to forbid the placing of the neutral of an Edison three-wire system in the centre of a three-wire cleat where the difference of potential between the outside conductors is less than 300 volts, provided the outside conductors are separated from each other by two and one-half inches.

**Conductors in Damp Places—Covering—**

Rule 84. Conductors in damp places, or in buildings specially subject to moisture or to acid or other fumes liable to injure the conductors or their insulation, must have an approved insulating covering.

**Protection—**

For protection against water, rubber insulation must be used. For protection against corrosive vapors, either waterproof or rubber insulation must be used.

**Supports—Separation—**

Said conductors must be rigidly supported on non-combustible, non-absorptive insulators, which separate the conductor at least one inch from the surface wired over, and must be kept apart at least two and one-half inches for voltages of 300 or less and at least four inches for higher voltages.

**Conductors for Moulding Work—Covering—Moulding—**

Rule 85. Conductors for moulding work must have an approved rubber insulating covering and must never be placed in moulding in concealed or damp places, or where the difference of potential between any two wires in the same moulding is over 300 volts. Screws, nails, staples, or other metal substances must not be used to hold conductors in grooves of backing or moulding.

Moulding must not be placed directly against a brick wall.

**Conductors for Conduit Work—**

Rule 86. Conductors for conduit work must have an approved rubber insulating covering; must not be drawn in until all mechanical work on the building has been, as far as possible, completed; and must, for alternating systems, have the two or more conductors of a circuit drawn in the same conduit.

The same conduit must never contain circuits of different systems, but may contain two or more circuits of the same system.

**Concealed Knob and Tube Work—**

Rule 87. Concealed knob and tube work must not be used or installed.

**Conductors for Fixture Work—**

Rule 88. Conductors for fixture work must have an approved rubber insulating covering and be not less in size than No. 18 B. & S. gauge. Supply conductors, and especially the splices to "fixture wires," must be kept clear of the grounded part of gas pipes, and, where shells or outlet boxes are used, they must be sufficiently large to allow the fulfillment of this requirement. The conductors must, when fixtures are wired outside, be so secured as not to be cut or abraded by the pressure of the fastenings or motion of the fixture.

Fixtures having an exposed wiring must not be used in show windows.

**Difference of Potential—**

Under no circumstances must there be a difference of potential of more than 300 volts between wires contained in or attached to the same fixture.

**Armored Cables—**

Rule 89. Armored cables must be continuous from outlet to outlet or to junction boxes, and the armor of the cable must enter and be secured to all fittings, as required by Rule 90 of this ordinance, for interior conduits.

**Outlet Boxes—**

Said cables must be equipped at every outlet with an approved outlet box or plate, as required by this ordinance for conduit work.

Outlet plates must not be used where it is practicable to install outlet boxes.

**Grounding—**

Said cables must have the metal armor of the cable permanently and effectively grounded.

**Armor Joints—"Bond Wires"—**

The metal armor of such systems must be joined so as to afford electrical conductivity sufficient to allow the largest fuse or circuit breaker in the circuit to operate before a dangerous rise in temperature in the system can occur. Armor of cables and gas pipes must be securely fastened in metal outlet boxes, so as to secure good electrical connection. Where boxes used for centres of distribution do not afford good electrical connection the armor of the cables must be joined around them by suitable "bond wires." Where sections of armored cable are installed without being fastened to the metal structure of buildings or to the grounded metal piping, they must be bonded together and joined to a permanent and efficient ground connection.

**Covering—**

When installed in so-called fire-proof buildings in course of construction, or afterwards, if concealed, or where it is exposed to the weather, or in damp places, such as breweries or stables, the cable must have a lead covering placed between the outer braid of the conductors and the steel armor.

**Terminal Fittings—**

Where entering junction boxes and at all other outlets, the cable must be provided with approved terminal fittings which will protect the insulation of the conductors from abrasion, unless such junction or outlet boxes are specially designed and approved for use with the cable.

**Junction Boxes—**

Junction boxes must always be installed in such a manner as to be accessible.

For alternating current systems the conductors of the cable must be inclosed in one metal armor.

**Interior Metal Conduits, not Insulation—**

Rule 90. Interior metal conduits are to be considered merely as raceways, and are not to be relied upon for insulation between conductor and conductor, or between the conductor and the ground.

**Diameter—**

No such conduit having an internal diameter of less than five-eighths of an inch must be used.

**Continuous—**

Every such conduit must be continuous from outlet to outlet or to junction boxes, and must enter, and must be secured to all fittings, as required by Rule 89 of this ordinance.

In case of main runs, each conduit must run continuously into a main cut-out cabinet or gutter surrounding the panel board, as the case may be.

**Installation—**

Every interior metal conduit must be first installed as a complete conduit system, without the conductors and without "fish wires" and must be equipped at every outlet with an approved outlet box or plate.

**Outlet Box, etc.—**

Outlet plates must not be used where it is practicable to install outlet boxes.

In buildings already constructed where the conditions are such that neither outlet box nor plate can be installed, these appliances may be omitted by special written permission of the Commissioner.

**Bushings—**

Interior metal conduits where they enter junction boxes, and at all other outlets, must be provided with approved bushings fitted so as to protect the conductors from abrasion, except when such protection is obtained by the use of approved nipples, properly fitted in boxes or devices. Bushings must be secured to conduit by screw or clamp connections. In cases where conductors are subject to injury from an unprotected sharp edge of the conduit end, the pipe must be reamed or the flexible conduit provided with a bushing.

The metal of the conduit must be permanently and effectively grounded.

**Grounding Joints—Bond Wires—**

The metal of conduit systems must be joined so as to afford electrical conductivity sufficient to allow the largest fuse or circuit breaker in the circuit to operate before a dangerous rise in temperature in the conduit system can occur. Conduits and gas pipes must be securely fastened in metal outlet boxes so as to secure good electrical connection. Where boxes used for centres of distribution do not afford good electrical connection, the conduits must be joined around them by suitable "bond wires." Where sections of metal conduit are installed without being fastened to the metal structure of buildings or to the grounded metal piping, they must be bonded together and joined to a permanent and efficient ground connection.

**Junction Boxes—**

Junction boxes must always be installed in such a manner as to be accessible.

**Elbows, etc.—**

All elbows or bends must be so made that the conduit or lining of the same will not be injured. The radius of the curve of the inner edge of any elbow must not be less than three and one-half inches. There must be not more than the equivalent of four-quarter bends from outlet to outlet, the bends at the outlets not being counted.

**Circular Loom, etc.—**

Rule 91. Circular loom and other similar conduits must be installed on the "loop system" and must be continuous from outlet to outlet or junction boxes or devices without splices or taps; must not be installed in gains cut in floor beams or against solid walls, unless protected by an intervening strip of iron or steel at least one-sixteenth of an inch in thickness; must project at least one inch beyond the finished surface of walls or ceilings, except where ending in outlet or junction boxes, or similar devices; must be installed without conductors, and the conductors must not be inserted in the conduit until all mechanical work liable to injure the conduit or conductors has been, as far as possible, completed.

**Dampness—**

Such conduits must not be used in places subject to dampness, nor liable to contact with damp mortar, plaster or like material, as in the case of buildings in course of construction. Where installed on the outside of buildings or in places exposed to the weather, they must be carried on insulators which separate the conduit from the surface wired over by at least one inch and protected with a coating of moisture repellant.

**Straps, etc.—**

Straps or cleats only must be used where it becomes necessary to fasten these conduits.

**"Attix Wire"—**

Rule 92. "Attix wire" must be installed on the "loop system," and must be continuous from outlet to outlet or junction-boxes or similar devices, without splices or taps; must not be installed in gains cut in floor beams or against solid walls, unless protected by an intervening strip of iron or steel at least one-sixteenth of an inch in thickness; must project at least one inch beyond the finished surface of walls or ceilings, except where ending in outlet or junction-boxes, or similar devices, which must be readily accessible; and must not be used in places subject to dampness, nor liable to contact with damp mortar, plaster or like material, as in the case of buildings in course of construction. Where installed on the outside of buildings or in places exposed to the weather, "Attix wire" must be carried on insulators which separate the conductors from the surface, wired over at least one inch and protected with a coating of moisture repellant.

Straps or cleats only must be used where it becomes necessary to fasten these conductors.

**Elevator Cables—Insulation—**

Rule 93. Elevator cables for lighting or control of elevator cars must be made of stranded copper conductors, each strand not to be larger than No. 26, nor smaller than No. 30, B. & S. gauge, and each stranded conductor must be covered by an approved insulation as required by Rule 155 of this ordinance. Over the rubber insulation a substantial fireproof braid must be placed.

If a support wire is used, it must be placed in the centre of the cable, and the cable may be filled with jute or other substances that are thoroughly fireproof. A thoroughly fireproof braid cover must be placed over the whole one-thirty-second (1-32) of an inch in thickness; then a thoroughly moisture-proof braid, tape or rubber compound must be placed over this, which must be protected by a strong outer braid at least one-thirty-second (1-32) of an inch in thickness, thoroughly saturated with a compound that is weather and moisture proof.

**Stage Cable—**

Rule 94. Conductors of stage cable must be stranded and must have an approved rubber insulated covering, as called for in Rule 155 of this ordinance.

Each conductor must have a braiding of at least one-thirty-second (1-32) of an inch in thickness, and cable must be filled with jute or other compound to make the same round; the whole to be covered with a stout braid or tape. When tape is used there must be two covers of tape, and over that an extra strong braid one-thirty-second (1-32) of an inch in thickness, thoroughly impregnated with a preservative compound or an approved metal armor.

Wherever conductors, such as "fixture wires," not having the insulation required by Rule 155 of this ordinance, are brought into an outlet box or in contact with the grounded part of gas-pipe or other grounded conductors, they must be protected by an additional insulation between the conductor and the ground. This additional insulation placed over the wire must be composed of material that will not readily carry fire or absorb moisture; or else the grounded metal with which the conductors are liable to come in contact must be covered or lined with an approved insulating material.

**Fixtures—Insulation—Burs—Tests—**

Rule 95. Fixtures must, when supported from the gas piping or any grounded metal work of a building, be insulated from such piping or metal work by means of approved insulating joints placed as close as possible to the finished surface; must have all burs, or fins, removed before the conductors are drawn into the fixtures, and must be tested for "contacts" between conductors and fixture, for "short circuits" and for ground connections before they are connected to their supply conductors.

**Combination Fixtures—**

No combination fixtures in which the conductors are concealed in a space less than one-fourth inch between the inside pipe and the outside casing must be used.

**Ceiling Blocks—**

Ceiling blocks of fixtures must be made of insulating material; otherwise the wires in passing through the plate must be surrounded with non-combustible, non-absorptive insulating material.

**Insulation Against Tiling—**

Fixtures installed on tiled walls, or unplastered stone, brick or metal ceilings and walls, must be provided with insulation of fibre, hard rubber or mica, firmly secured to the canopy to prevent the canopy coming in contact with the tile, stone or brick.



## Sockets—

## Rule 96. Sockets:

In rooms where inflammable gases may exist the incandescent lamp and socket must be inclosed in a vapor-tight globe, and supported on a pipe hanger, wired with approved rubber-covered wire soldered directly to the circuit.

In damp or wet places, or over specially inflammable stuff, waterproof sockets must be used.

In show windows or where receptacles having exposed terminals are subject to contact from foreign articles, the terminal must be resoldered, taped and painted with insulating material.

## Flexible Cord—

Rule 97. Flexible cord must have an approved insulation and covering; must not be used where the difference of potential between the two wires is 300 or more volts; must not be used as a support for clusters, portable lamps or motors, and must not be used in show windows except where the conductors are protected by an approved metallic armor or pipe.

## Bushings—

Such cord must be protected by insulated bushings where the cord enters the socket on pendants, unless the cord is protected by a metal covering which is secured to fittings by approved bushings; must be so suspended that the entire weight of the socket and lamp shall be borne by knots under the bushing in the socket, and above the point where the cord comes through the ceiling block or rosette, in order that the strain may be taken from the joints and binding screws. When approved metal armored cord is used, suitable bushings, properly fitted, must be substituted for these knots.

Flexible cord must not be used on walls, partitions or other places where standard methods of wiring can be employed.

## Arc Lamps Cut-out—

Rule 98. Arc lamps on constant-potential circuits must have a cut-out for each lamp or each series of lamps.

## Resistances—

All resistances and regulators must be inclosed in non-combustible material and must be treated as sources of heat.

## Globes—Spark Arresters—

The lamps must be supplied with globes and protected by spark arresters and wire netting around the globe, as in the case of series arc lamps.

## Hand Focusing Lamps—

Hand focusing lamps requiring more than 25 amperes must not be used for illumination within a theatre or other place of amusement.

## Economy Coils, etc.—

Rule 99. Economy and compensator coils for arc lamps must be mounted on non-combustible, non-absorptive insulating supports, such as glass or porcelain, allowing an air space of at least one inch between frame and support, and must be treated as sources of heat.

## Decorative Lighting—

## Rule 100. Decorative lighting systems:

Special permission may be given in writing by the Commissioner for the temporary installation of systems of decorative lighting, provided the difference of potential between the wires of any circuit shall not be over 150 volts, and also provided that no group of lamps requiring more than 1,320 watts shall be dependent on one cut-out. Incandescent lamps connected in series must not be used for decorative purposes inside of buildings.

## Signs—

Rule 101. Signs, where receptacles and wiring are not mounted on the face, must be constructed entirely of metal. All receptacles with lug connections used in the construction of signs must be soldered to conductors and the exposed metal parts taped and covered with insulating paint. All current-carrying parts in an electrical sign must be accessible for inspection.

## Stage Pockets—

Rule 102. Stage pockets must be provided with suitable covers to prevent dust, nails and other foreign substances from entering that part of the pocket confining the conductors or current-carrying parts; must be so installed that the bottom is open so as to allow any dirt, nails or other foreign substances that may enter the pocket to pass through; must be entirely inclosed in a metal box, and must be constructed in all cases to carry at least 25 amperes without heating, allowing 70 amperes per square inch of contact surface.

## Flush Plug Receptacles—

Rule 103. Flush plug receptacles must be inclosed in a box constructed of or lined with metal, which must not be less than one-sixteenth (1-16) inch in thickness, and coated on all surfaces with an approved rust preventative; and when installed in baseboards must be kept at least two inches above the floor.

## Floor Plug Receptacles—

Rule 104. Floor plug receptacles must be enclosed in a box constructed of or lined with metal, which must not be less than one-sixteenth (1-16) inch in thickness, and coated on all surfaces with an approved rust preventative and must be provided with a suitable cover so arranged that the receptacle will be both water and dust proof at all times.

## Part III. E.

## Inside Work—High-potential Systems. (301 to 3,500 Volts.)

## Inside Work—High-potential Systems—Conductors—Supports—Separation—Protection—

Rule 105. Conductors must be always in plain sight and never encased, except where otherwise expressly allowed by the Commissioner in writing; must be rigidly supported on glass or porcelain insulators, which raise the wire at least 1 inch from the surface wired over, and must be kept at least 4 inches apart where designed to carry a current of more than 300 volts and less than 550 volts, and at least 8 inches apart where designed to carry a current of more than 550 volts and less than 350 volts, and must be protected on side walls from mechanical injury by a substantial boxing, retaining an air space of 1 inch around the conductors, closed at the top (the wires passing through bushed holes) and extending not less than 7 feet from the floor. When crossing floor timbers in cellars, or in rooms where they might be exposed to injury, conductors must be attached by their insulating supports to the under side of a wooden strip not less than ½ inch in thickness.

## Transformers—Location—

Rule 106. Transformers must not be placed inside of buildings without special permission in writing from the Commissioner; must be located as near as possible to the point at which the primary wires enter the building; must be placed in an enclosure constructed of or lined with fire resisting material, the enclosure to be used only for this purpose, and to be kept securely locked, and access to the same allowed only to responsible persons.

## Insulation—

Transformers must be effectively insulated from the ground, and the enclosure in which they are placed must be practically air tight, except that it must be thoroughly ventilated to the outer air, if possible through a chimney or flue. There should be at least 6 inches air space on all sides of the transformer.

## Series Lamps—

## Rule 107. Series lamps:

No multiple series or series multiple system of lighting must be used or installed except in railway power stations and car houses and elsewhere as permitted in writing by the Commissioner.

Series lamps must not, under any circumstances, be attached to gas fixtures.

## Part III. E (1).

## Inside Work—High-constant Potential Systems of 500 Volts or Less—Car Wiring and Equipment.

## Car Wiring and Equipment—Protection of Car Body—

Rule 108. Under sides of car bodies must be protected by approved fire-resisting insulating material, not less than one-eighth of an inch in thickness, or by sheet iron or steel, not less than .04 of an inch in thickness, as specified in Rules 109, 110 and 111 of this Ordinance. This protection must be provided over all electrical apparatus, similar to and including motors with a capacity of over 75 horse-power each, resistances, contactors, lightning arresters, air brake motors and the like, and also where conductors are run, except that protection may be omitted over conductors designed to carry 25 amperes or less if they are incased in metal conduit.

Rule 109. At motors of over 75 horse-power each, fire-resisting material or sheet iron or steel must extend not less than 8 inches beyond all edges of openings in motors, and not less than 6 inches beyond motor leads on all sides.

Rule 110. Over resistances, contactors and lightning arresters, and other electrical apparatus, except when amply protected by their casing, fire-resisting material or sheet iron or steel must extend not less than 8 inches beyond all edges of the devices.

Rule 111. Over conductors, not incased in conduit, and conductors in conduit when designed to carry over 25 amperes, unless the conduit is so supported as to give not less than ½ of an inch clear air space between the conduit and the car, fire-resisting material or sheet iron or steel must extend at least 6 inches beyond conductors on either side.

Rule 112. The fire-resisting insulating material or sheet iron or steel may be omitted over cables made up of flame proof braided outer covering when surrounded by ½ inch flameproof covering, as called for by Rule 123 of this Ordinance.

Rule 113. In all cases fireproof material or sheet iron or steel must have joints well fitted, must be securely fastened to the sills, floor timbers and cross braces, and must have the whole surface treated with a waterproof paint.

## Cut-out and Switch Cabinets—

Rule 114. Cut-out and switch cabinets must be substantially made of hard wood. The entire inside of cabinet must be lined with not less than ¼-inch fire-resisting insulating material, which shall be securely fastened to the woodwork, and after the fire-resisting material is in place the inside of the cabinet shall be treated with a water-proof paint.

## Conductors—

Rule 115. All conductors must be stranded, the allowable carrying capacity being determined by Table A, Rule 72 of this ordinance, except that motor, trolley and resistance leads shall not be less than No. 7 B. & S. gauge, heater circuits not less than No. 12 B. & S. gauge, and lighting and other auxiliary circuits not less than No. 14 B. & S. gauge.

The current used in determining the size of motor, trolley and resistance leads shall be a percentage of the full load current, based on one hour's run of the motor, as given by the following table:

## Table of Leads—

Size Each Motor.	Motor Leads.	Trolley Leads.	Resistance Leads.
Up to and including 75 horse power...	50 per cent.	40 per cent.	15 per cent.
Over 75 horse power.....	45 per cent.	35 per cent.	15 per cent.

## Fixture Wire—

Fixture wire complying with Rule 160 of this ordinance may be used for wiring approved clusters.

## Insulation and Braid—

Conductors must have an insulation and braid as called for by Rule 155 of this ordinance for wires carrying currents of the same potential.

When run in metal conduit, conductors must be protected by an additional braid, as called for by Rule 161 of this ordinance, unless the conductors are laid in conduit, not being drawn through.

When not in conduit, or approved moulding, or when not in cables surrounded by one-eighth of an inch flame-proof covering, conductors, including the leads from motors, must be protected by an additional flame-proof braid, at least one thirty-second of an inch in thickness, the outside being saturated with a preservative flame-proof compound.

## Joints—

Conductors, except connections of leads to motors, plows or third-rail shoes must be so spliced or joined as to be both mechanically and electrically secure without solder, and the joints must be then soldered and covered with an insulation equal to that on the conductors.

## Connections—

Rule 116. All connections of cables to cut-outs, switches and fittings, except those to controller connection boards, when designed to carry 25 or more amperes, must be provided with lugs or terminals soldered to the cable, and securely fastened to the device by bolts, screws, or by clamping; or, the end of the cable, after the insulation is removed, must be dipped in solder and be fastened into the device by at least two set screws having check nuts.

All connections of conductors to cut-outs, switches and fittings, designed to carry less than 25 amperes, must be provided with turned-up lugs that will grip the conductor between the screw and the lug, the screws being provided with flat washers; or by block terminals having two set screws, and the end of the conductors must be dipped in solder.

Nothing in this rule must be so construed as to apply to circuits where the maximum potential is not over 25 volts and the current does not exceed 5 amperes.

## Cut-outs, Circuit Breakers and Switches—

Rule 117. Cut-outs, Circuit Breakers and Switches—All cut-outs and switches having exposed live metal parts must be located in cabinets. Cut-outs and switches, not in iron boxes or in cabinets, shall be mounted on not less than ¼-inch fire-resisting insulating material, which shall project at least ½ of an inch beyond all sides of the cut-out or switch. Cut-outs must be of the approved cartridge or approved blow-out type.

All switches controlling circuits of over 5 ampere capacity shall be of approved single pole, quick break, or approved magnetic blow-out type.

Switches controlling circuits of 5 amperes or less capacity may be of the approved single pole, double break, snap type.

Circuits must not be fused above their safe carrying capacity.

A cut-out must be placed as near as possible to the current collector, so that the opening of the fuse in this cut-out will cut off all current from the car. When cars are operated by metallic return circuits, with circuit breakers connected to both sides of the circuit, no fuse in addition to the circuit breakers need be used.

## Conduit—

## Rule 118. Conduit:

Metal conduits, outlet and junction boxes must be constructed in accordance with Rules 163 to 166, both inclusive, of this ordinance, except that conduit for lighting circuits need not be over five-sixteenths of an inch internal diameter and one-half of an inch external diameter, and for heating and air motor circuits need not be over three-eighths of an inch internal diameter and nine-sixteenths of an inch external diameter, and all conduits where exposed to dampness must be watertight.

All conduit must be continuous between, and be firmly secured into, all outlet or junction boxes or fittings, making a thorough mechanical and electrical connection between same.



Metal conduits, where they enter all outlet or junction boxes and fittings, must be provided with approved bushings fitted so as to protect cables from abrasion.

Except as provided in Rule 123 of this ordinance all metal conduit must have the metal of the conduit permanently and effectively grounded.

Junction and outlet boxes must be installed in such a manner as to be accessible.

All conduit, outlets or junction boxes and fittings must be firmly and substantially fastened to the frame work of the car.

The Commissioner may, in writing, permit the use of conduit material other than is required by this rule, when the ordinary pipe and junction box construction is not practicable.

#### Moulding—

Rule 119. Moulding must consist of a backing and a capping and must be constructed of fire-resisting insulating material; except that where circuits which the moulding is designed to support are not exposed to moisture, the moulding may be constructed of hard wood.

When constructed of fire-resisting insulating material, the backing shall not be less than one-quarter of an inch in thickness, and must be of a width sufficient to extend not less than one inch beyond conductors at sides.

The capping must not be less than one-eighth of an inch in thickness, must cover and extend at least three-quarters of an inch beyond conductors on either side.

The joints in the moulding shall be mitred to fit close, the whole material being firmly secured in place by screws or nails, and treated on the inside and outside with a waterproof paint.

When fire-resisting moulding is used over surfaces already protected by one-eighth of an inch fire-resisting insulating material, no backing need be used.

Wooden moulding must be so constructed as to thoroughly encase the wire and provide a thickness of not less than three-eighths of an inch at the sides and back of the conductors, the capping being not less than three-sixteenths of an inch in thickness, and must have both outside and inside two coats of waterproof paint.

The backing and the capping must be secured in place by screws.

#### Lighting and Lighting Circuits—

Rule 120. For lighting and lighting circuits outlets must be provided with either single lamps of not over thirty-two candle power, the lamps being supported in approved porcelain receptacles or with approved clusters. Such circuits must be run in approved metal conduit or approved moulding.

When metal conduit is used, except for sign lights, all outlets must be provided with approved outlet boxes. At outlet boxes, except where approved clusters are used, porcelain receptacles must be fastened to the inside of the box, and the metal cover must have an insulating bushing around the opening for the lamp.

When approved clusters are used, the cluster must be thoroughly insulated from the metal conduit, being mounted on blocks of hard wood or fire-resisting insulating material.

Where conductors are run in moulding, the porcelain receptacles or cluster must be mounted on blocks of hard wood or of fireproof insulating material.

#### Heaters and Heating Circuits—

Rule 121. Heaters and heating circuits:

Panel heaters must be so constructed and located that when in place all current-carrying parts will be at least four inches from all woodwork.

Heaters for cross seats must be so located that current-carrying parts will be at least 6 inches below under side of seat, unless under side of seat is protected by not less than  $\frac{1}{4}$  of an inch fire-resisting insulating material, or .04 of an inch sheet metal with 1 inch air space over same, in either of which cases the distance may be reduced to 3 inches.

Circuits must be run in approved metal conduit, or in approved moulding, but if the location of conductors is such as will permit an air space of not less than 2 inches on all sides except from the surface wired over, they may be supported on porcelain knobs or cleats, provided the knobs or cleats are mounted on not less than  $\frac{1}{4}$ -inch fire-resisting insulating material extending at least 3 inches beyond conductors at either side, the supports raising the conductors not less than  $\frac{1}{2}$  of an inch from the surface wired over, and being not over 12 inches apart.

#### Air Pump Motor and Circuits—

Rule 122. Air pump motor and circuits:

Circuits for air pump motors must be run in approved metal conduit or in approved moulding, except that when run below the floor of the car they may be supported on porcelain knobs or cleats, provided the supports raise the conductors at least  $\frac{1}{2}$  of an inch from the surface wired over and are not over 12 inches apart.

Automatic control must be inclosed in an approved metal box. Air pumps and motors, when inclosed, must be in approved metal boxes or wooden boxes lined with metal not less than 1-32 of an inch in thickness.

When conductors are run in metal conduits the boxes surrounding automatic control and air pump and motor may serve as outlet boxes.

#### Main Motor Circuits and Devices—

Rule 123. Main motor circuits and devices:

Conductors connecting trolley stand and main cut-out or circuit breakers in hood, must enter car through approved bushings, or be protected at point of entrance into the car to prevent ingress of moisture.

#### Supports for Conductors—

Conductors connecting third-rail shoes on same track, must be supported in an approved fire-resisting insulating mouldings, or in an approved iron conduit supported by soft rubber or other approved insulated cleats. Conductors on the under side of the car, except as in this Rule otherwise provided, must be supported in one of the following ways:

- (1) In approved metal conduit, junction boxes being provided where branches in conduit are made, and outlet boxes where conductors leave conduit.
- (2) In approved fire-resisting insulating moulding.
- (3) By insulating cleats, the supports being not over 12 inches apart.

#### Cable—

Conductors, with flameproof braided outer covering, connecting controllers at either end of car, or between controllers and contactors, may be run as a cable, provided the cable, where exposed to the weather is encased in a canvas hose or canvas tape, thoroughly taped or sewed at ends and where taps from the cable are made, and where the hose or tape enters the controllers.

Conductors, with or without flameproof braided outer covering, connecting controllers at either end of the car, or between controllers and contactors, may be run as a cable, provided the cable throughout its entire length is surrounded by  $\frac{1}{8}$  of an inch flameproof covering, thoroughly taped or sewed at ends, or where taps from cable are made, and where the flameproof covering enters the controllers.

Cables, where run below floor of car, may be supported by approved insulating straps or cleats. Where run above floor of car, they must be in a metal conduit or wooden box painted on the inside with not less than two coats of flameproof paint, and where this box is so placed that it is exposed to water, as by washing of the car floor, the box must be waterproof.

Canvas hose or tape, or flameproof material surrounding cables after conductors are in same, must have not less than two coats of waterproof insulating material.

Motors must be so drilled that, on double truck cars, connecting cables can leave motor on side nearest to king bolt.

#### Resistances—

Resistances must be so located that there will be at least 6 inches of air space between resistances proper and fire-resisting material of the car and must be mounted on iron supports, being insulated by non-combustible bushings or washers, or, the iron supports must have at least 2 inches of insulating surface between them and metal work of car; or the resistances may be mounted on hard wood bars, supported by iron stirrups, which shall have not less than 2 inches of insulating surface between foot of resistance and metal stirrup, the entire surface of the bar being covered with at least  $\frac{1}{8}$ -inch fire-resisting insulating material.

#### Insulation—

The insulation of the conductor, for about 6 inches from terminal of the resistance, must be replaced if any insulation is necessary, by a porcelain bushing or asbestos sleeve.

#### Controllers—

Controllers must be raised above platform of car by a hard wood block not less than 1 inch in thickness, fitted and painted to prevent moisture working in between it and the platform.

#### Lightning Arresters—

Rule 124. Lightning arresters must, if practicable, be located so as to protect all auxiliary circuits, in addition to main motor circuits.

#### Ground Conductors—

The ground conductor shall be not less than No. 6 B. & S. gauge, run with as few kinks and bends as possible, and be securely grounded.

#### Miscellaneous —

Rule 125. When passing through floors, conductors or cables must be protected by approved insulating bushings, which shall fit the conductors or cables as closely as possible.

Moulding must never be concealed except where readily accessible. Conductors must never be tacked into moulding.

Short bends in conductors must be avoided where possible. Sharp edges in conduits or in moulding must be smoothed to prevent injury to conductors.

#### Inside Work—Extra-High-Potential Systems—

##### Part III.F.

#### Inside Work—Extra-High-Potential Systems. (Over 3,500 Volts.)

#### Primary Wires—

Rule 126. Primary wires must not be brought into or over buildings, except power-stations and sub-stations.

#### Secondary Wires—

Rule 127. Secondary wires must be installed in accordance with the requirements of this ordinance for high-potential systems when their immediate primary wires carry a current at a potential of over 3,500 volts, except when the primary wires are installed in accordance with the requirements of Rule 67 of this ordinance, or are entirely underground, within city, town and village limits.

##### Part IV.

#### Marine Work.

#### Marine Work—Generators—

Rule 128. Electric generators must be located in a dry place; must have their frames insulated from their bed-plates; must each be provided with a waterproof cover, and must each be provided with a name-plate, giving the maker's name, the capacity in volts and amperes, and the normal speed in revolutions per minute.

#### Conductors—

Rule 129. Conductors must be supported in approved moulding or conduit, except at switchboards and for portables, and except, also, in dynamo rooms where the Commissioner may order otherwise.

#### Size—

No single conductor must be larger than No. 12 B. & S. gauge. Conductors must be stranded when greater carrying capacity is required. No single solid conductor smaller than No. 14 B. & S. gauge, except in fixture wiring, must be used.

#### Stranded Conductors—

Stranded conductors must be soldered before being fastened under clamps or binding screws, and when they have a conductivity greater than that of No. 8 B. & S. gauge copper wire they must be soldered into lugs.

#### Joints—

Splices or taps in conductors must be avoided as far as possible. Where it is necessary to make them they must be so spliced or joined as to be both mechanically and electrically secure without solder. They must then be soldered, to insure preservation, covered with an insulating compound equal to the insulation of the conductor, and further protected by a waterproof tape. The joint must then be coated or painted with a waterproof compound.

#### Conductors for Moulding Work—

Rule 130. Conductors for moulding work must have an approved insulating covering at least 3-32 of an inch in thickness and covered with a substantial waterproof and flameproof braid.

#### Tests—

The physical characteristics of the covering must not be such as to be affected by any change in temperature up to 200 degrees Fahrenheit. After two weeks' submersion in salt water at 70 degrees Fahrenheit, it must show an insulation resistance of 100 megohms per mile after three minutes' electrification with 550 volts.

#### Tubes—

Such conductors must have, when passing through water-tight bulkheads and through all decks, a metallic stuffing tube lined with hard rubber. In case of deck tubes, they shall be boxed near deck to prevent mechanical injury.

The conductors must be bushed with hard rubber tubing, one-eighth of an inch in thickness, when passing through beams and non-water-tight bulkheads.

#### Conductors for Conduit Work—

Rule 131. Conductors for conduit work must have an approved insulating covering. The insulation for conductors, for use in lined conduits, must be at least 3-32 of an inch in thickness and be covered with a substantial waterproof and flameproof braid. The physical characteristics of the covering must be such as not to be affected by any change in temperature up to 200 degrees Fahrenheit.

#### Tests—

After two weeks' submersion in salt water at 70 degrees Fahrenheit the covering must show an insulation resistance of 100 megohms per mile after three minutes' electrification with 550 volts.

Conductors for use in unlined metal conduits must conform to the requirements of this ordinance for conductors for use in lined conduits, and in addition must have a second outer fibrous covering at least one thirty-second of an inch in thickness and sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

No conductor for conduit work must be drawn in until the mechanical work on the conduit is completed and the same is in place; and every such conductor, where run through coal bunkers, boiler rooms, and where exposed to severe mechanical injury, must be incased in approved conduit.

#### Portable Conductors—

Rule 132. Portable conductors must be made of two stranded conductors, each having a carrying capacity equivalent to not less than No. 14 B. & S. gauge wire, and each covered with an approved insulation covering. Where not exposed to moisture or severe mechanical injury, each stranded conductor must have a solid insulation at least one thirty-second of an inch in thickness, and must show an insulation resistance between conductors, and between either conductor and the ground, of at least 50 megohms per mile after two weeks' submersion in water at 70 degrees Fahrenheit, and be protected by a slow-burning, tough braided outer covering.

Where exposed to moisture and mechanical injury, each stranded conductor must have a solid insulation of at least one thirty-second of an inch in thickness and protected by a tough braid. The two conductors must then be stranded together, using a jute filling. The whole must then be covered with a layer of flax, either woven or braided, at least one thirty-second of an inch in thickness, and treated with a non-inflammable, water-proof compound. After one week's submersion in water at 70 degrees Fahrenheit it must show an insulation resistance between the two conductors, or between either conductor and the ground, of 50 megohms per mile.

#### Low Tension Conductors—

Rule 133. Bell and other low tension wires must never be run in the same duct with lighting or power wires.



## Table of Current Carrying Capacity—

Rule 134. The current carrying capacity of conductors shall be as follows:

B. & S. Gauge.	Area Actual C. M.	Number of Strands.	Size of Strands B. & S. Gauge.	Amperes.
19 .....	1,288	..	..	..
18 .....	1,624	..	..	3
17 .....	2,048	..	..	..
16 .....	2,583	..	..	6
15 .....	3,257	..	..	..
14 .....	4,107	..	..	12
12 .....	6,530	..	..	17
.. .....	9,016	7	19	21
.. .....	11,368	7	18	25
.. .....	14,336	7	17	30
.. .....	18,081	7	16	35
.. .....	22,799	7	15	40
.. .....	30,856	19	18	50
.. .....	38,912	19	17	60
.. .....	49,077	19	16	70
.. .....	60,088	37	18	85
.. .....	75,776	37	17	100
.. .....	99,064	61	18	120
.. .....	124,928	61	17	145
.. .....	157,563	61	16	170
.. .....	198,677	61	15	200
.. .....	250,527	61	14	235
.. .....	296,387	91	15	270
.. .....	373,737	91	14	320
.. .....	413,639	127	15	340

When greater conducting area than that of 12 B. & S. gauge is required, the conductor must be stranded in a series of 7, 19, 37, 61, 91 or 127 wires, as may be necessary; the strand consisting of one central wire, the remainder laid around it concentrically, each layer to be twisted in the opposite direction from the preceding.

## Switchboards—

Rule 135. Switchboards must be made of non-combustible, non-absorptive insulating material, such as marble or slate, must be kept free from moisture, and must be located so as to be accessible from all sides, must have a main switch, main cut-out and ammeter for each generator, must have a voltmeter and ground detector and must have a cut-out and switch for each side of each circuit leading from board.

## Resistance Boxes—

Rule 136. Resistance boxes must be located on switchboard or away from combustible material. When not placed on switchboard they must be mounted on non-inflammable, non-absorptive material.

## Switches—

Rule 137. Switches must not be single pole when the circuits which they control supply devices which require over 660 watts of energy; when exposed to dampness must be enclosed in a water-tight case; must be of the knife pattern when located on switchboard; and must be distributed so that each freight compartment may be separately controlled.

## Cut-outs—

Rule 138. Cut-outs must be placed at every point where a change is made in the size of the wire (unless the cut-out in the larger wire will protect the smaller).

In places such as upper decks, holds, cargo spaces and fire-rooms, a water-tight and fireproof cut-out may be used, connecting directly to mains when such cut-out supplies circuits requiring not more than 660 watts energy.

When placed anywhere except on switchboards and in cargo spaces, holds or fire-rooms, and other places where it is impossible to run from centre of distribution, cut-outs must be in cabinets lined with fire-resisting material.

Except for motors, searchlights and diving lamps, cut-outs shall be so placed that no group of lamps, requiring a current of more than 660 watts, shall ultimately be dependent upon one cut-out.

## Fixtures—

Rule 139. Fixtures must be mounted on blocks made from well seasoned lumber treated with two coats of white lead or shellac.

Where exposed to dampness the lamp must be surrounded by a vapor-proof globe.

Where exposed to mechanical injury the lamp must be surrounded by a globe, protected by a stout wire guard.

Fixtures must be wired with the same grade of insulation as portable conductors which are not exposed to moisture or mechanical injury.

Ceiling fixtures over two feet in length must be provided with stay chains.

## Wooden Mouldings—

Rule 140. Wooden mouldings:

Where moulding is run over rivets or beams a backing strip must first be put up and the moulding secured to this.

Capping must be secured by brass screws.

## Signal Lights—

Rule 141. Signal lights must be provided with approved telltale board, which will immediately indicate a burned-out lamp.

## Motors—

Rule 142. Motors must be wired under the same precautions as required by this ordinance in the case of a current for lighting of the same volume and potential. The motor and resistance box must be protected by a double-pole cut-out and controlled by a double-pole switch, except in cases where one-quarter horse power or less is used.

## Leads—

The leads or branch circuits must be designed to carry a current at least twenty-five per cent. greater than that required by the rated capacity of the motor, to provide for the inevitable occasional overloading of the motor at times.

## Insulation—

Motors must be thoroughly insulated. Where possible they should be set on base frames made from filled, hard, dry wood and raised above surrounding deck. On hoists and winches they shall be insulated from bed-plates by hard rubber, fibre or similar insulating material.

## Covers, etc.—

Motors must be covered with a waterproof cover when not in use, and must be provided with a name-plate giving maker's name, the capacity in volts and amperes, and the normal speed in revolutions per minute.

## Insulation Resistance—

Rule 143. Insulation Resistance:

The wiring in any vessel must test free from grounds; i. e., the complete installation with all cut-outs and safety devices in place must have an insulation resistance between conductors and between all conductors and the ground (not including attachments, sockets or receptacles) of not less than the following:

Up to 25 amperes.....	800,000 ohms.
Up to 50 amperes.....	400,000 ohms.
Up to 100 amperes.....	200,000 ohms.
Up to 200 amperes.....	100,000 ohms.
Up to 400 amperes.....	50,000 ohms.

Up to 800 amperes.....	25,000 ohms.
Up to 1,600 amperes.....	12,500 ohms.

Where lamp sockets, receptacles and electroliers are connected, one-half of the above is necessary.

## Part V.

## Signaling Systems.

## Signaling Systems—Outside Conductors—

Rule 144. Outside conductors must be run in underground ducts or strung on poles, and, as far as possible, kept off buildings, and must not be placed on the same cross-arm with electric light or power conductors. They must not occupy the same duct, manhole or handhole of conduit systems as electric light or power conductors.

When outside conductors are run on the same pole with electric light or power conductors, the distance between the two inside pins of each cross-arm must not be less than twenty-six inches.

## Protective Device—

Rule 145. Protective Device:

All aerial conductors and all underground conductors which are directly connected to aerial conductors must be provided with some approved protective device, which must be located as near as possible to the point where they enter the building, and not less than six inches from curtains or other inflammable material.

If the protective device is placed inside of building, conductors from outside support to binding posts of protective device must be of copper and not smaller than No. 18 B. & S. gauge; must have an approved rubber insulating covering; must have drip loops in each wire immediately outside the building; and must enter buildings through separate holes sloping upward from the outside; holes to be bushed when practicable with non-absorptive, non-combustible insulating tubes extending through their entire length. Where tubing is not practicable the conductors must be wrapped with two layers of insulating tape.

The conductors must be supported on porcelain insulators, so that they will not come in contact with anything other than their designed supports. A separation between wires of at least two and one-half inches must be maintained.

## Ground Detector—

Rule 146. The ground conductor of the protective device must be of copper, and not smaller than No. 18 B. & S. gauge; must have an approved rubber insulating covering; must run in as straight a line as possible to a good permanent ground, to be made by connecting to water or gas pipe. If gas pipe is used, the connection in all cases must be made between the meter and service pipes. In the absence of other good ground, connection must be made to a metallic plate or bunch of conductors buried in permanently moist earth.

## Construction—

Rule 147. Construction:

The protective device must be mounted on non-combustible, non-absorptive insulating base, so constructed that when the device is in place, all parts which may be alive will be thoroughly insulated from the wall to which the device is attached, and must have the following parts:

## Lightning Arresters—

(a) A lightning arrester which will operate with a difference of potential between wires of not over 500 volts, and so arranged that the chance of accidental grounding is reduced to a minimum.

## Fuse—

(b) A fuse designed to open the circuit in case the conductors become crossed with light or power circuits. The fuse must be able to open the circuit without arcing or serious flashing when crossed with an ordinary commercial light or power circuit.

## Heat Coil—

(c) A heat coil, if the sensitiveness of the instrument demands it, will operate before a sneak current can damage the instrument that the protective device is guarding.

The fuses must be so placed as to protect the arrester and heat coils, and the protective device terminals must be plainly marked "line," "instrument," "ground."

## Conductors Beyond Protective Device—

Rule 148. Conductors beyond the protective device, except where bunched, must be neatly arranged and securely fastened in place in a convenient, workmanlike manner. They must not come nearer than six inches to any electric light or power conductor in the building, unless encased in approved tubing so secured as to prevent slipping out of place.

Conductors connected with outside circuits, where bunched together within any building, or inside conductors, where laid in conduits or ducts with electric light or power conductors, must have fire resisting coverings, or else must be inclosed in an airtight tube or duct.

## Current from Lighting and Power Circuits—

Rule 149. No system of electric signalling must be installed where current therefor is taken from electric power or lighting circuits, unless special permission, in writing, is first obtained from the Commissioner.

## Part VI.

## Miscellaneous.

## Miscellaneous—Electric Gas Lighting Devices—

Rule 150. Electric gas lighting devices must not be installed or used on the same fixture with an electric light.

## Moving Picture Machines—

Rule 151. The top reel of moving picture machines must be incased in an iron box with hole at the bottom large enough for film only to pass through freely, and with a cover so arranged that this hole can be instantly closed.

## Box—

A box must be used for receiving the film after being shown, made of galvanized iron with a hole in the top large enough for the film only to pass through freely, with a cover so arranged that this hole can be instantly closed. An opening may be placed at the side of the box to take the film out, with a door hung at the top, so arranged that it cannot be entirely opened, and provided with a spring catch to lock it when closed. No solder must be used in the construction of either of these boxes.

## Handle—

The handle or crank used in operating the machine must be secured to the spindle or shaft, so that there will be no liability of its coming off and allowing the film to stop in front of the lamp.

## Shutter—

A shutter must be placed in front of the condenser, arranged so as to be normally closed, and held open by pressure of the foot.

## Metal Pan—

A metal pan must be placed under the arc lamp, to catch all sparks.

## Extra Films—

Extra films must be kept in a metal box with tight fitting covers.

## Insulation Resistance—

Rule 152. Insulation resistance—The wiring in any building must test free from grounds, i. e., the complete installation with all cut-outs and safe devices in place must have an insulation between conductors and between all conductors and the ground (not including attachments, sockets, receptacles and electroliers) not less than that given in the following table:

Up to 5 amperes.....	4,000,000 ohms.
Up to 10 amperes.....	2,000,000 ohms.
Up to 25 amperes.....	800,000 ohms.
Up to 50 amperes.....	400,000 ohms.
Up to 100 amperes.....	200,000 ohms.



Up to 200 amperes.....	100,000 ohms.
Up to 400 amperes.....	50,000 ohms.
Up to 800 amperes.....	25,000 ohms.
Up to 1,600 amperes.....	12,500 ohms.

If the lamp sockets, receptacles, electroliers and other attachments are also connected, only one-half of the resistances specified in the above table is necessary.

Construction—

#### Part. VII.

Construction, Fittings and Materials for all Systems and Voltages.

Insulated Conductors—Copper—

Rule 153. Copper for insulated conductors must never vary in diameter so as to be more than two one-thousandths of an inch less than the size required by this Ordinance.

Tags—

Rule 154. Insulated conductors of all kinds must be plainly tagged or marked to show:

1. The maximum voltage at which the conductor is designed to be used.
2. The words "National Electrical Code Standard."
3. Name of the manufacturer and, if desired, trade mark of the conductor.
4. Month and year when manufactured.

Rubber Covered Conductors—

Rule 155. Copper for rubber covered conductors must be thoroughly tinned.

Copper Insulation—

Insulation for voltages up to and including 600 must be of rubber or other approved substance and of a thickness not less than that given in the following table:

B. & S. Gauge.	Thickness.
18 to 16.....	1-32 inch.
15 to 8.....	3-64 inch.
7 to 2.....	1-16 inch.
1 to 0000.....	5-64 inch.
Circular Mills.	
250,000 to 500,000.....	3-32 inch.
500,000 to 1,000,000.....	7-64 inch.
Over 1,000,000.....	1-8 inch.

Measurements of insulating wall must be made at the thinnest portion of the dielectric.

Tests—

The completed coverings must show an insulation resistance of at least 100 megohms per mile during and at the end of thirty days' immersion in water at seventy degrees Fahrenheit.

Dielectric Strength—

Each foot of the completed covering must show a dielectric strength sufficient to resist throughout five minutes the application of an electromotive force of 3,000 volts per one sixty-fourth of an inch thickness of insulation under the following conditions:

Tests—

The source of alternating electromotive force shall be a transformer of at least one kilowatt capacity. The application of the electromotive force shall first be made at 4,000 volts for five minutes and then the voltage increased by steps of not over 3,000 volts, each held for five minutes, until the rupture of the insulation occurs. The tests for dielectric strength shall be made on a sample of wire which has been immersed in water for seventy-two hours. One foot of the conductor under test is to be submerged in the conducting liquid held in a metal trough, one of the transformer terminals being connected to the copper of the conductor and the other to the metal of the trough.

For insulations for voltages greater than 600 and less than 3,501 the thickness of the insulating wall must not be less than that given in the following table:

B. & S. Gauge.	Thickness.
14 to 1.....	3-32 inch.
0 to 0000.....	3-32 inch covered by tape or braid.
Circular Mills.	
250,000 to 500,000.....	3-32 inch covered by tape or braid.
Over 500,000.....	1/8 inch covered by tape or braid.

The requirements of this ordinance as to insulation and break-down resistance for conductors for low potential systems shall apply to systems designed for voltages greater than 600 and less than 3,501, except that an insulation resistance of not less than 300 megohms per mile must be shown.

Conductors for Lighting and Power—

Conductors for lighting and power circuits exceeding 3,500 volts potential must have an insulating wall not less than three-sixteenths of an inch in thickness, and shall withstand a break-down test of at least 30,000 volts and have an insulation resistance of at least 500 megohms per mile.

The tests on this wire must be made under the same conditions and in the same manner as required in this rule for low-potential conductors.

Covering—

All of the insulations referred to in this Rule must be protected by a substantial braided covering, properly saturated with a preservative compound. This covering must be sufficiently strong to withstand all the abrasion likely to be met with under ordinary conditions of use, and sufficiently elastic to permit all conductors smaller than No. 7 B. & S. gauge to be bent around a cylinder whose diameter is twice that of the conductor, without injury to the braid.

Slow-burning Weatherproof Wire—

Rule 156. For "slow-burning weatherproof wire" the insulation must consist of two coatings, one to be fireproof in character and the other to be weatherproof.

Thickness of Coating—

The fireproof coating must comprise about six-tenths of the total thickness of the wall. The completed covering must be of a thickness not less than that given in the following table:

B. & S. Gauge.	Thickness.
14 to 8.....	3-64 inch
7 to 2.....	1-16 inch
1 to 0000.....	5-64 inch
Circular Mills.	
250,000 to 500,000.....	3-32 inch
500,000 to 1,000,000.....	7-64 inch
Over 1,000,000.....	1-8 inch

Measurements of insulating wall must be made at the thinnest portion of the dielectric.

The fireproof coating must be of the same kind as that required in Rule 157 of this ordinance for "slow-burning" wires and must be finished with a hard, smooth surface if it is on the outside.

The weather-proof coating must consist of a stout braid, applied and treated as required by Rule 158 of this ordinance for "weatherproof wire," and must be thoroughly slicked down if it is on the outside.

Slow-burning Wire—

Rule 157. For "slow-burning wire" the insulation must consist of layers of cotton or other thread, all the interstices of which must be filled with the fireproofing compound, or of insulating material having equivalent fire-resisting and insulating properties. The outer layer must be braided. The thickness of insulation must not be less than that required by Rule 156 of this ordinance for "slow-burning weatherproof wire," and the outer surface must be finished smooth and hard.

"Slow-burning wire" must not be used without special permission in writing from the Commissioner.

Weatherproof Wire—

Rule 155. For "weatherproof wire" the insulating covering shall consist of at least three braids, all of which must be thoroughly saturated with a dense moisture-proof compound, applied in such a manner as to drive any atmospheric moisture from the cotton braiding. This compound must retain its elasticity at zero degree Fahrenheit. The thickness of insulation must not be less than that required by Rule 156 of this ordinance for "slow-burning weatherproof wire," and the outer surface must be thoroughly slicked down.

Flexible Cord—

Rule 159. Flexible cord must be made of stranded copper conductors, each strand to be not larger than No. 26 or smaller than No. 30 B. & S. gauge, and each stranded conductor must be covered by an approved insulation and protected from mechanical injury by a tough, braided outer covering.

Each stranded conductor must have a carrying capacity equivalent to not less than a No. 18 B. & S. gauge wire.

Covering—

The covering of each stranded conductor must be made up as follows:

1. A tight, close wind of fine cotton.
2. The insulation proper, which shall be water-proof.
3. An outer cover of silk or cotton.

The insulation must be solid, at least one thirty-second of an inch thick, and must show an insulation resistance of 50 megohms per mile during and at the end of two weeks' immersion in water at 70 degrees Fahrenheit, and stand the tests prescribed by Rule 155 of this ordinance, for low-tension conductors as far as they apply.

The outer protected braiding must be so put on and sealed in place that when cut it will not fray out, and where cotton is used, it must be impregnated with a flame-proof paint, which will not have an injurious effect on the insulation.

Flexible cord for portable use must meet all of the requirements of this ordinance for flexible cord "for pendant lamps," both as to construction and thickness of insulation, and in addition must have a tough, braided cover over the whole. There must also be an extra layer of rubber between the outer cover and the flexible cord, and in moist places the outer cover must be saturated with a moisture-proof compound, thoroughly slicked down, as required for "weather-proof wire" in Rule 158 of this ordinance. In offices, dwellings or in similar places, where the appearance is an essential feature, a silk cover may be substituted for the weather-proof braid.

For Portable Heating Apparatus—

For portable heating and cooking apparatus, flexible cord must be made up as follows:

1. A tight, close wind of fine cotton.
2. A thin layer of rubber or other cementing material about one-hundredth of an inch thick.
3. A layer of asbestos insulation at least three-sixty-fourths of an inch thick.
4. A stout braid of cotton.
5. An outer reinforcing cover especially designed to withstand abrasion.

Fixture Wire—

Rule 160. "Fixture wire" may be made of solid or stranded conductors, with no strands smaller than No. 30 B. & S. gauge, and must have a carrying capacity not less than that of a No. 18 B. & S. gauge wire.

Solid conductors must be thoroughly tinned. If a stranded conductor is used, it must be covered by a tight, close wind of fine cotton.

Insulation—

"Fixture wire" must have a solid rubber insulation of a thickness not less than one-thirty-second of an inch for Nos. 18 to 16 B. & S. gauge, both inclusive, and three-sixty-fourths of an inch for Nos. 14 to 8 B. & S. gauge, both inclusive, except that in arms of fixtures not exceeding twenty-four inches in length, and used to supply not more than one sixteen-candle power lamp or its equivalent, which are so constructed as to render impracticable the use of a conductor with one-thirty-second of an inch thickness of rubber insulation, a thickness of one-sixty-fourth of an inch may be permitted by the Commissioner in writing.

Covering—

"Fixture wire" must be protected with a covering at least one-sixty-fourth of an inch in thickness, sufficiently tenacious to withstand the abrasion of being pulled into the fixture, and sufficiently elastic to permit the wire to be bent around a cylinder whose diameter is twice that of the wire without injury to the braid, and must successfully withstand the tests required in Rule 164 of this ordinance for voltages up to and including 600.

Conduit Wire—Single Conductor—

Rule 161. "Conduit wire":

A single conductor for lined conduits must comply with the requirements of Rule 155 of this ordinance. For unlined conduits it must comply with the same requirements, and in addition there must be a second outer fibrous covering, at least one-thirty-second of an inch in thickness, and sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

Twin Conductors—

For twin or duplex conductors in lined conduit, each conductor must comply with the requirements of Rule 155 of this ordinance, and must have a substantial braid covering the whole, at least one-thirty-second of an inch in thickness, and sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

Concentric Conductors—

For concentric conductors, the inner conductor must comply with the requirements of Rule 155 of this ordinance, and there must be outside of the outer conductor the same insulation as on the inner, the whole to be covered with a substantial braid, which for unlined conduits must be at least one-thirty-second of an inch in thickness, and sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

Armored Cable—Thickness—

Rule 162. The armor of armored cable must have at least as great strength to resist penetration of nails and other similar devices as is required for metal conduits by Rule 164 of this ordinance, and its thickness must not be less than that specified in the following table:

Nominal Internal Diameter. Inches.	Actual Internal Diameter. Inches.	Actual External Diameter. Inches.	Thickness of Wall. Inches.
1/8	.27	.40	.06
1/4	.36	.54	.08
3/8	.49	.67	.09
1/2	.62	.84	.10
3/4	.82	1.05	.11



Nominal Internal Diameter. Inches.	Actual Internal Diameter. Inches.	Actual External Diameter. Inches.	Thickness of Wall. Inches.
1	1.04	1.31	.13
1 1/4	1.38	1.66	.14
1 1/2	1.61	1.90	.14
2	2.06	2.37	.15
2 1/2	2.46	2.87	.20
3	3.06	3.50	.21
3 1/2	3.54	4.00	.22
4	4.02	4.50	.23
4 1/2	4.50	5.00	.24
5	5.04	5.56	.25
6	6.06	6.62	.28

**Covering—**

The conductors of armored cable, whether single or twin conductors, must have an insulating covering as required by Rule 155 of this ordinance. If any filler is used to secure a round exterior, it must be impregnated with a moisture repellant, and the whole bunch of conductors and fillers must have a separate exterior covering.

**Interior Conduits—****Rule 163. Interior conduits:**

Each length of interior conduit, whether lined or unlined, must have the maker's name or initials stamped in the metal or attached thereto in a satisfactory manner, so that an Inspector can readily see the same.

**Metal Conduits with Insulating Lining—**

Rule 164. The metal covering or pipe for metal conduits with lining of insulating material must be at least as strong as the ordinary commercial forms of gas-pipe of the same size, and its thickness must be not less than that of standard gas-pipe as specified in the table given in Rule 162 of this ordinance.

**Tests—**

Such conduits must be so constructed as not to be seriously affected externally by burning out a conductor inside the tube when the iron pipe is connected to one side of the circuit; and must have the insulating lining firmly secured to the pipe. The insulating lining must not crack or break when a length of the conduit is uniformly bent at a temperature of 212 degrees Fahrenheit to an angle of 90 degrees, with a curve having a radius of 15 inches, for pipes of 1 inch and less, and fifteen times the diameter of pipe for larger sizes. The insulating lining must not soften injuriously at a temperature below 212 degrees Fahrenheit, and must leave water in which it is boiled practically neutral.

**Thickness of Lining—**

The insulating lining must be at least 1-32 of an inch in thickness. The materials of which it is composed must be of such a nature as will not have a deteriorating effect on the insulation of the conductor and be sufficiently tough and tenacious to withstand the abrasion test of drawing long lengths of conductors in and out of same. The insulating lining must not be mechanically weak after three days' submersion in water, and when removed from the pipe entire, must not absorb more than 10 per cent. of its weight of water during 100 hours of submersion. All elbows or bends must be so made that the conduit or lining of same will not be injured. The radius of the curve of the inner edge of any elbow must not be less than 3 1/2 inches.

**Unlined Metal Conduits—**

Rule 165. Unline metal conduits. Plain iron or steel pipes of thicknesses and strengths equal to those specified for lined conduits in Rule 164 of this ordinance may be used as conduits, provided their interior surfaces are smooth and free from burs. In order to prevent oxidation, the pipe must be galvanized, or the interior surfaces coated or enameled with some substance which will not soften so as to become sticky and prevent the wire from being withdrawn from the pipe.

**Elbows—**

All elbows or bends must be so made that the conduit will not be injured. The radius of the curve of the inner edge of any elbow must not be less than three and one-half inches.

**Outlet Boxes—**

Rule 166. Outlet boxes must be of pressed steel having a wall thickness not less than .081 of an inch (No. 12 B. & S. gauge) or of cast metal having a wall thickness not less than .0128 of an inch (No. 8 B. & S. gauge), and must be well galvanized, enameled or otherwise coated, inside and out, to prevent oxidation.

**Inlet Holes—**

Inlet holes must be effectually closed when not in use by metal which will afford protection substantially equivalent to that of the walls of the box.

**Marks—**

The boxes must be plainly marked with the name or trade-mark of the manufacturer, so that the name will be seen when and after the boxes are installed.

**Lining—**

Boxes used with lined conduit must comply with this rule and in addition must have a tough and tenacious insulating lining firmly secured in position.

**Wooden Mouldings—**

Rule 167. Wooden mouldings must have, both outside and inside, at least two coats of water-proof material, or be impregnated with a moisture repellant; and must be made in two pieces, a backing and a capping, and must afford suitable protection from abrasion, and must be so constructed as to thoroughly incase the conductor and provide a one-half inch tongue between the conductor and a solid backing, which, under grooves, shall not be less than three-eighths of an inch in thickness.

**Tubes and Bushings—Construction—Materials and Tests—Marks—**

Rule 168. Tubes and bushings must be made straight and free from checks or rough projections, with ends smooth and rounded to facilitate the drawing in of the conductor and prevent abrasion of its covering; and must be made of non-combustible insulating material, which, when broken and submerged for 100 hours in pure water at 70 degrees Fahrenheit will not absorb over one-half of one per cent. of its weight; and must have the name, initials or trade mark of the manufacturer stamped in the ware.

**Sizes—**

The dimensions of walls and heads of tubes and bushings must be at least as great as those given in the following table:

Diameter of Hole. Inches.	External Diameter. Inches.	Thickness of Wall. Inches.	External Diameter of Head. Inches.	Length of Head. Inches..
5-16	9-16	1-8	13-16	1-2
3-8	11-16	5-32	15-16	1-2
1-2	13-16	5-32	1 3-16	1-2
5-8	15-16	5-32	1 5-16	1-2
3-4	1 3-16	7-32	1 11-16	5-8
1	1 7-16	7-32	1 15-16	5-8
1 1-4	1 13-16	9-32	2 5-16	5-8
1 1-2	2 3-16	11-32	2 11-16	3-4
1 3-4	2 9-16	13-32	3 1-16	3-4
2	2 15-16	15-32	3 7-16	3-4
2 1-4	3 5-16	17-32	3 13-16	1
2 1-2	3 11-16	19-32	4 3-16	1

**Cleats—Construction—**

Rule 169. Cleats must hold the conductor firmly in place without injury to its covering.

Sharp edges which may cut the conductor must be avoided.

**Supports—**

Bearing points on the surface must be made by ridges or rings about the holes for supporting screws, in order to avoid cracking and breaking down when screwed tight.

**Material and Tests—Marks—Spacings—**

Cleats must be made of non-combustible insulating material, which, when broken and submerged for 100 hours in pure water at 70 degrees Fahrenheit, will not absorb over one-half per cent. of its weight, and must have the name, initials, or trade mark of the manufacturer stamped in the ware, and must conform to the spacings given in the following table:

Voltage.	Distance from wire to surface.	Distance between wires.
0-300.....	1/2 inch.	2 1/2 inches

**Service Switches—**

Rule 170. Switches. Service switches must indicate clearly, on inspection, whether the current is "on" or "off."

**Switches for Constant Current Systems—**

Switches for constant current systems must close the main circuit and disconnect the branch wires when turned "off"; and must be so constructed that they shall be automatic in action, not stopping between points when started, and that an arc will be prevented between the points under all circumstances; and must indicate clearly on inspection whether the current be "on" or "off."

**Knife Switches—Bases—**

Rule 171. Knife switches must be mounted on non-combustible, non-absorptive, insulating bases, such as slate or porcelain. Bases with an area of over 25 square inches must have at least 4 supporting screws. Holes for supporting screws must be so located or countersunk that there will be at least 1/2 of an inch space, measured over the surface, between the head of the screw or washer and the nearest live metal part, and in all cases when between parts of opposite polarity must be countersunk.

**Mounting—**

Pieces carrying the contact jaws and hinge clips must be secured to the base by at least two screws, or else made with square shoulder, or provided with dowel pins, to prevent possible turnings, and the nuts of screw-heads on the under side of the base must be countersunk not less than 1/8 inch and covered with a waterproof compound which will not melt below 150 degrees Fahrenheit.

**Hinges—**

Hinges of knife switches must not be used to carry current unless they are equipped with spring washers, held by lock-nuts or pins, so arranged that a firm and secure connection will be maintained at all positions of the switch blades.

**Spring Washers—**

Spring washers must be of sufficient strength to take up any wear in the hinge and maintain a good contact at all times.

**Metal—**

All knife switches must have ample metal for stiffness and to prevent rise in temperature of any part of over fifty degrees Fahrenheit at full load, the contacts being arranged so that a thoroughly good bearing at every point is obtained when using pure copper blades with contact faces of not less than one square inch for each seventy-five amperes. The whole device must be mechanically well made throughout.

**Cross Bars—**

All cross bars less than three inches in length must be made of insulating material. Bars of three inches and over, which are made of metal, to insure greater mechanical strength, must be sufficiently separated from the jaws of the switch to prevent arcs, under any circumstances, following from the contacts to the bar on the opening of the switch.

To prevent turning or twisting the cross bar must be secured to each blade by two screws, or the joints made with square shoulders or provided with dowel pins.

**Connections—**

Knife switches for currents of over twenty-five amperes must be equipped with lugs, firmly screwed or bolted to the switches, and into which the conductors shall be soldered. For the smaller-sized switches simple clamps can be employed, provided they are heavy enough to stand considerable hard usage.

**Tests—**

Knife switches, before installation, must be tested to operate successfully at 50 per cent. overload in amperes and 25 per cent. excess voltage, under the most severe conditions with which they are liable to meet under the ordinary conditions of use, and must be plainly marked so that the markings shall be visible when the switches are installed, with the name of the maker and the current and the voltage for which the switches are designed.

**Spacings—**

Spacings must be at least as great as those given in the following table:

	Minimum separation of nearest metal parts of opposite polarity.	Minimum break Distance.
<b>125 Volts or Less—</b>		
<b>For switchboards and panel board:</b>		
10 amperes or less.....	3/4 inch	1/2 inch.
11-25 amperes .....	1 inch	3/4 inch
26-50 amperes .....	1 1/4 inch	1 inch
<b>For individual switches:</b>		
10 amperes or less.....	1 inch	3/4 inch
11-35 amperes .....	1 1/4 inch	1 inch
36-100 amperes .....	1 1/2 inch	1 1/4 inch
101-300 amperes .....	2 1/4 inch	2 inch
301-600 amperes .....	2 3/4 inch	2 1/2 inch
601-1,000 amperes.....	3 inch	2 3/4 inch
<b>126 to 250 volts—</b>		
<b>For all switches:</b>		
10 amperes or less.....	1 1/2 inch	1 1/4 inch
11-35 amperes .....	1 3/4 inch	1 1/2 inch
36-100 amperes .....	2 1/4 inch	2 inch
101-300 amperes .....	2 1/2 inch	2 1/4 inch
301-600 amperes .....	2 3/4 inch	2 1/2 inch
601-1,000 amperes .....	3 inch	2 3/4 inch



For switches larger than 100 amperes the above spacings for 250 volts direct current can be used for 440 volts alternating current. Switches on switchboards with these spacings intended for use on alternating current systems with voltage above 250 volts must be stamped with the voltage for which they are designed, followed by the letters "A. C."

	Minimum separation of nearest metal parts of opposite polarity.	Minimum break distance.
251 to 600 volts— For all switches: 10 amperes or less.....	3½ inch.	3 inch.
11-35 amperes .....	4 inch.	3½ inch.
36-100 amperes .....	4½ inch.	4 inch.

#### Auxiliary Breaks—

Auxiliary breaks or the equivalent must be used in switches designed for over 300 volts and less than 108 amperes, and on switches designed for use in breaking currents greater than 100 amperes at a tension of more than 300 volts.

#### Break Distance—

For three-wire Edison systems switches must have the break distance required for circuits of the potential of the outside conductors.

#### Exception—

Rule 172. The Commissioner may permit the use of knife switches which do not conform to all the requirements of Rule 171 of this ordinance, provided, however, that the requirements of said Rule as to test shall be strictly complied with.

#### Snap Switches—Bases—

##### Rule 173. Snap Switches:

Current carrying parts of snap switches used on constant potential systems must be mounted on non-combustible, non-absorptive insulating bases, such as slate or porcelain, and the holes for supporting screws must be countersunk not less than one-eighth of an inch. There must in no case be less than three sixty-fourths of an inch space between supporting screws and current carrying parts.

#### Sub-bases—

Sub-bases of non-combustible, non-absorptive insulating material, which will separate the conductors at least one-half of an inch from the surface wired over, must be furnished with all snap switches used in exposed knob or cleat work.

#### Mounting—

Pieces carrying contact jaws must be secured to the base by at least two screws, or else made with a square shoulder, or provided with dowel-pins or otherwise so arranged as to prevent possible turnings; and the nuts or screw heads on the under side of the base must be countersunk not less than one-eighth inch, and covered with a waterproof compound which will not melt below 150 degrees Fahrenheit.

#### Metal—

All the switches must have ample metal for stiffness and to prevent rise in temperature of any part of over 50 degrees Fahrenheit at full load, the contacts being arranged so that a thoroughly good bearing at every point is obtained. The whole device must be mechanically well made throughout.

In order to meet the above requirements on temperature rise without causing excessive friction and wear on current carrying parts, the contact surfaces must measure from 0.1 to 0.15 of a square inch for each 10 amperes, according to the metal used and the form of construction adopted.

#### Insulating materials—

Any material used for insulating current-carrying parts must retain its insulating and mechanical strength when subject to continued use, and must not soften at a temperature of 212 degrees Fahrenheit.

#### Binding Posts—

Binding posts must be substantially made, and the screws must be of such size that the threads will not strip when set up tight.

#### Covers—

Covers, when made of conducting material, except face plates for flush switches, must be lined on sides and top with tough and tenacious insulating material, at least one thirty-second of an inch in thickness, firmly secured so that it will not fall out with ordinary handling. The side lining must extend slightly beyond the lower edge of the cover.

#### Handle or Button—

The handle or button and other exposed parts must not be in electrical connection with the circuit.

#### Tests—

The switches must "make" and "break" with a quick snap, and must not stop when motion has once been imparted by the button or handle, and must operate successfully at 50 per cent. overload in amperes and 25 per cent. excess voltage, under the most severe conditions with which they are liable to meet in practice.

When slowly turned "on" and "off" at the rate of about two or three times per minute, while carrying the rated current, the switches must "make and break" the circuit six thousand times before failing.

#### Marks—

The switches must be plainly marked so as to be readily seen after the device is installed, with the name or trade mark of the maker and the current and voltage for which the switch is designed.

On flush switches these markings may be placed on the back of the face plate or on the sub-plate. On other types they must be placed on the front of the cap, cover or plate.

#### Cut-Outs and Circuit Breakers—Bases—Tests—Marks—

Rule 174. Cut-outs and circuit-breakers must be supported on bases of non-combustible, non-absorptive insulating material. Cut-outs must be of plug or cartridge type, when not arranged in approved cabinets, so as to obviate any danger of the melted fuse metal coming in contact with any substance which might be ignited thereby. Cut-outs must operate successfully on short circuits, under the most severe conditions which they are liable to meet under the ordinary conditions of use, at a voltage 25 per cent. above their rated voltage, and with fuses rated at 50 per cent. above the current for which the cut-out is designed. Circuit breakers must operate successfully on short circuits under the most severe conditions which they are liable to meet, when set at 50 per cent. above the current and with a voltage 25 per cent. above the voltage for which they are designed. Cut-outs and circuit breakers must be plainly marked so as to be always visible, with the name of the maker, and current and voltage for which the device is designed.

#### Link-Fuse Cut-Outs—Bases—Mounting—

Rule 175. Link-fuse cut-outs must be mounted on slate or marble bases. Bases with an area of over twenty-five square inches must have at least four supporting screws. Holes for supporting screws must be kept outside of the area included by the outside edges of the fuse-block terminals, and must be so located or countersunk that there will be at least one-half of an inch of space, measured over the surface, between the head of the screw or washer and the nearest live part. Nuts or screw-heads on the under side of the base must be countersunk not less than one-eighth inch, and covered with a waterproof compound which will not melt below 150 degrees Fahrenheit. All fuse-block terminals must have ample metal for stiffness, and to prevent rise in temperature of any part of over 50 degrees Fahrenheit at full load. Terminals, as far as practicable, should be made of compact form, instead of being rolled out in thin strips; and sharp edges or thin projecting pieces, as on wing thumb nuts and the like, should be avoided.

#### Connections—

Clamps for connecting the wires to the fuse-block terminals must be of solid, rugged construction, so as to insure a thoroughly good connection, and to withstand considerable hard usage. For fuses rated at over fifty amperes, lugs firmly screwed or bolted to the terminals and into which the conducting wires are soldered, must be used.

#### Tests—

Link fuse cut-outs must operate successfully when blowing only one fuse at a time on short circuits with fuses rated at 50 per cent. above current and with a voltage 25 per cent. above the voltage for which the cut-out is designed.

#### Marks—

They must be plainly marked, so that the markings will be visible when the cut-out block is installed, with the name of the maker and the current and the voltage for which the block is designed.

#### Spacings—

Spacings in the case of plain, open-link fuses, mounted on slate or marble bases, must be at least as great as those given in the following table. If the copper fuse-tips overhang the edges of the fuse-block terminals, the spacings must be measured between the nearest edges of the tips:

	Minimum Separation of Nearest Metal Parts of Opposite Polarity.	Minimum Break Distance.
125 volts or less: 10 amperes or less.....	¾ inch.	¾ inch.
11-100 amperes .....	1 inch.	¾ inch.
101-300 amperes .....	1 inch.	1 inch.
301-1,000 amperes .....	1¼ inch.	1¼ inch.
126 to 250 volts: 10 amperes or less .....	1½ inch.	1¼ inch.
11-100 amperes .....	1¾ inch.	1¼ inch.
101-300 amperes .....	2 inch.	1½ inch.
301-1,000 amperes .....	2½ inch.	2 inch.

Between fuse terminals of similar polarity a space must be maintained of at least one-half of an inch for voltages of 125 or less, and of at least three-quarters of an inch for voltages from 126 to 250. This is the minimum distance allowable, and greater separation should be provided when practicable.

For 250 volt boards or blocks, with the ordinary front connected terminals, except where these have a mass of compact form, a substantial barrier of insulating material, not less than one-eighth of an inch in thickness, must be placed in the "break" gap; this barrier to extend out from the base at least one-eighth of an inch farther than any bare live part of the fuse-block terminal, including binding screws, nuts and the like.

For three-wire systems cut-outs must have the break distance required for circuits of the potential of the outside conductors.

#### Inclosed Fuse Cut-outs, Plug and Cartridge Type—Bases—

Rule 176. Inclosed fuse cut-outs, plug and cartridge type must be made of non-combustible, non-absorptive insulating material. Blocks with an area of over twenty-five square inches must have at least four supporting screws. Holes for supporting screws must be located or countersunk so that there will be at least one-half of an inch space, measured over the surface, between the screw-head or washer and the nearest live metal part, and in all cases when between parts of opposite polarity must be countersunk.

#### Mounting—

Nuts or screw-heads on the under side of the base must be countersunk at least one-eighth of an inch and covered with a water-proof compound which will not melt below 150 degrees Fahrenheit.

#### Terminals—

Terminals of such a design that the block cannot be easily fused with anything but approved inclosed fuses must be used on blocks having a rated capacity of 60 amperes or less. Terminals must be secured to the base by two screws, or the equivalent, so as to prevent them from turning, and must be so made as to secure a thoroughly good contact with the fuse.

#### Connections—

Clamps for connecting conductors to the terminals must be of a design which will insure a thoroughly good connection, and must be sufficiently strong and heavy to withstand hard usage. For fuses rated to carry over 60 amperes, lugs, firmly screwed or bolted to the terminals and into which the connecting conductors shall be soldered, must be used.

#### Classification—

Inclosed fuse cut-outs, plug and cartridge type, must be classified according to both current and voltage, and must be so designed that the bases of one class cannot be used with fuses of another class rated for a higher current or voltage.

#### Design—

The design must be such that accidental short circuits cannot readily be formed across live metal parts of opposite polarity on the block or on the fuses in the block.

#### Marks—

Each cut-out must be marked, so that the markings will be plainly visible when the block is installed, with the name of the maker and the voltage and limits of current for which it is designed.

#### Link Fuses—Terminals—Rating—

Rule 177. Link fuses must have contact surfaces or tips of harder metal, having perfect electrical connections with fusible part of the strip, and must be stamped with about 80 per cent. of the maximum current which they can carry indefinitely, thus allowing about 25 per cent. overload before fuse melts.

#### Marks—

Fuse terminals must be stamped with maker's name or initials, or with some known trade-mark.

#### Inclosed Fuses, Plug and Cartridge Type Construction—

Rule 178. The fuse plug or cartridge of inclosed fuses, plug and cartridge type must be so constructed that lint and dust cannot collect around the fusible wire and become ignited when the fuse is blown.

The fusible wire must be attached to the plug or cartridge terminals in such a way as to secure a thoroughly good connection and to make it difficult for it to be replaced when melted.

#### Classification—

Such fuses must be classified to correspond with the different classes of cut-out blocks, and must be so designed that it will be impossible to put any fuse of a given class into a cut-out block which is designed for a current or voltage lower than that of the class to which the fuse belongs.

#### Terminals—

The fuse terminals must be sufficiently heavy to insure mechanical strength and rigidity.

#### Rating—

The fuses must be so constructed that with the surrounding atmosphere at a temperature of 75 degrees Fahrenheit they will carry indefinitely a current 10 per cent. greater than that at which they are rated, and at a current 15 per cent. greater than



such rating they will open the circuit without reaching a temperature which will injure the fuse tube or terminals of the fuse block. With a current 50 per cent. greater than such rating, and room temperature 75 degrees Fahrenheit, the fuses, starting cold, must blow within the following time, respectively:

- 0-30 amperes, 30 seconds.
- 0-60 amperes, 1 minute.
- 61-100 amperes, 2 minutes.
- 101-200 amperes, 4 minutes.
- 201-400 amperes, 8 minutes.
- 401-600 amperes, 10 minutes.

#### Marks—

The fuses must be marked, where the markings will be plainly visible, with the name or trade-mark of the maker and the voltage and current for which the fuse is designed.

#### Temperature Rise—

The temperature of the exterior of the fuse inclosure must not rise more than 125 degrees Fahrenheit above that of the surrounding air when the fuse is carrying the current for which it is rated.

#### Tests—

The fuses must not hold an arc, or throw out melted metal or sufficient flame to ignite easily inflammable material on or near the cut-out, when only one fuse is blown at a time on a short circuit, or a system having a capacity of 300 K. W. or over, at the voltage for which the fuse is rated.

#### Tablet and Panel Boards—

Rule 179. In tablet and panel boards the following minimum distance respectively between bare live metal parts must be maintained:

0-125 volts.....	3/4-inch.	1/2-inch.	1/2-inch.
126-250 volts.....	1 1/4-inch.	3/4-inch.	3/4-inch.

All boards must have the maker's name or trade-mark plainly marked on them so as to be plainly visible when the board is in position. This may be stamped on the bus bars, or may be on a name-plate suitably fastened to the board.

#### Cut-out Cabinets—Materials—

Rule 180. Cut-out cabinets must be substantially constructed of non-combustible, non-absorptive material, or of wood. When wood is used the inside of the cabinet must be completely lined with a non-combustible insulating material. Except with metal conduit systems, asbestos board at least one-eighth inch in thickness may be used in dry places if firmly secured by shellac and tacks.

With metal conduit systems the lining of either the box or the gutter must be of one-sixteenth-inch galvanized, painted or enameled iron, or preferably one-quarter-inch slate or marble.

#### Door—

The door must close against a rabbet, so as to be perfectly dust-tight. Strong hinges and a strong hook or catch are required. Glass doors must be glazed with heavy plate glass, not less than three-sixteenths of an inch in thickness, and panes must not exceed one foot in width. A space of at least two inches must be allowed between the fuses and the door.

#### Bushings—

Bushings through which conductors enter must fit tightly the holes in the box, and must be of approved construction. The conductors should completely fill the holes in the bushings, tape being used to build up the conductors if necessary, so as to keep out the dust.

#### Rosettes—Bases—

Rule 181. In all rosettes, both fused and fuseless, current-carrying parts must be mounted on non-combustible, non-absorptive insulating bases. There must be no openings through the rosette base except in concealed work, and these openings should not be made any larger than necessary.

There must be at least one-fourth of an inch space, measured over the surface, between supporting screws and current carrying parts. The supporting screws must be so located or countersunk that the flexible cord cannot come in contact with them.

Bases for knob and cleat work must have at least two holes for supporting screws; must be high enough to keep the conductors and terminals at least one-half of an inch from the surface to which the rosette is attached, and must have a porcelain lug under each terminal to prevent the rosette from being placed over projections which would reduce the separation to less than one-half of an inch.

Bases for moulding and conduit work must be high enough to keep the conductors and terminals at least three-eighths of an inch from the surface wired over.

#### Mounting—

Contact pieces and terminals must be secured in position by at least two screws, or made with a square shoulder, or otherwise arranged to prevent turning.

The nuts or screws heads on the under side of the base must be countersunk not less than one-eighth of an inch, and covered with a waterproof covering which will not melt below 150 degrees Fahrenheit.

#### Terminals—

Line terminals plates must be at least .07 of an inch in thickness, and terminal screws must not be smaller than No. 6 standard screw with about 32 threads per inch.

Terminal plates for flexible cord and for fuses must be at least .06 of an inch in thickness, and the terminal screws must not be smaller than No. 5 standard screw with about 40 threads per inch.

#### Cord Inlet—

The diameter of the cord inlet hole should be 13-32 of an inch, in order that standard portable cord may be used.

#### Knot—

Ample space must be provided for a substantial knot tied in the cord as a whole. All parts of the rosette upon which this knot is likely to bear must be smooth and well rounded.

#### Cover—

When the rosette is made in two parts the cover must be secured to the base so as not to work loose.

In fused rosettes, the cover must fit closely over the base so as to prevent the accumulation of dust or dirt on the inside, and to prevent any flash or melted metal from being thrown out when the fuses melt.

#### Marks—

All rosettes must be plainly marked so as to be readily seen after the rosette has been installed, with the name or trade mark of the manufacturer, and the rating in amperes and volts. Fuseless rosettes may be rated 3 amperes, 250 volts; fused rosettes, with link fuses, not over 2 amperes, 125 volts.

#### Tests—

Fused rosettes must operate successfully when short-circuited on the voltage for which they are designed, the test being made with the two fuses in circuit.

#### Sockets—Standard Sizes—

Rule 182. Sockets. The standard lamp socket must be suitable for use on any voltage not exceeding 250 and with any size of lamp up to fifty candle-power. For lamps larger than fifty candle-power a standard keyless socket may be used, but if a key is required, a special socket designed for the current to be used must be made.

#### Marks—

The standard socket must be plainly marked "250 v., 50 c. p." and with the manufacturer's name or registered trade mark. Special sockets must be marked with the current and voltage for which they are designed.

#### Shell—

Metal used for shells must be hard, but not so hard as to be brittle or so soft as to be easily dented or knocked out of shape. Brass shells must be at least thirteen one-thousandths of an inch in thickness, and shells of any other material must be thick enough to give the same stiffness and strength as the required thickness of brass.

#### Lining—

The inside of the shells must be lined with insulating material, which must absolutely prevent the shell from becoming a part of the circuit, even though the wires inside the socket should start from their position under the binding screws.

The material used for lining must be at least one thirty-second of an inch in thickness, and must be tough and tenacious. It must not be injuriously affected by the heat from the largest lamp permitted in the socket, and must leave water in which it is boiled practically neutral. It must be so firmly secured to the shell that it will not fall out with ordinary handling of the socket.

The cap must also be lined, and this lining must comply with the requirements for shell linings.

The shell lining should extend beyond the shell so far that no part of the lamp base is exposed when a lamp is in the socket.

#### Caps—

Caps, when of sheet brass, must be at least thirteen one-thousandths of an inch in thickness, and when cast or made of other metals must be of equivalent strength. The inlet piece, except for special sockets, must be tapped with a standard one-eighth inch pipe thread. It must contain sufficient metal for a full, strong thread, and when not in one piece with the cap must be joined to it in such a way as to give the strength of a single piece.

There must be sufficient room in the cap to enable the ordinary wireman to easily and quickly make a knot in the cord and to push it into place in the cap without crowding. All parts of the cap upon which the knot is likely to bear must be smooth and well insulated.

#### Frame and Screws—

The frame which holds the moving parts must be sufficiently heavy to give ample strength and stiffness.

Brass pieces containing screw threads must be at least six one-hundredths of an inch in thickness.

Binding post screws must not be smaller than No. 5 standard screw, with about 40 threads per inch.

#### Spacings—

Points of opposite polarity must everywhere be kept not less than three-sixty-fourths of an inch apart, unless separated by approved insulation.

#### Connections—

The connecting points for the flexible cord must be made to very securely grip a No. 16 or 18 B. & S. gauge conductor.

#### Lamp Holder—

The socket must firmly hold the lamp in place so that it cannot be easily jarred out, and must provide a contact good enough to prevent undue heating with the maximum current allowed. The holding pieces, springs and the like, if a part of the circuit, must not be sufficiently exposed to allow them to be brought in contact with anything outside of the lamp socket.

#### Base—

With the exception of the lining, all parts of insulating material inside the shell must be made of porcelain.

#### Key—

The socket key-handle must be of such a material that it will not soften from the heat of a fifty candle-power lamp hanging downwards from the socket in air at 70 degrees Fahrenheit, and must be securely, but not necessarily rigidly, attached to the metal spindle which it is designed to turn.

#### Sealing—

All screws in porcelain pieces, which can be firmly sealed in place, must be so sealed by a waterproof compound which will not melt at a temperature below 200 degrees Fahrenheit.

#### Putting Together—

The socket as a whole must be securely put together.

#### Tests—

The socket, when slowly turned "on" and "off" at the rate of about two or three times per minute, while carrying a load of one ampere at 250 volts, must "make and break" the circuit 6,000 times before failing.

#### Keyless Sockets—

Keyless sockets of all kinds must comply with the requirements of this rule for key sockets as far as practicable.

#### Sockets of Insulating Material—

Sockets made of porcelain or other insulating material must conform to the requirements of this rule as far as practicable, and all parts must be strong enough to withstand a moderate amount of hard usage without breaking.

Porcelain shell sockets being subject to breakage and constituting a hazard when broken, must not be used in places where they will be exposed to hard usage.

#### Inlet Bushing—

When the socket is not attached to a fixture, the threaded inlet must be provided with a strong insulating bushing having a smooth hole at least nine thirty-seconds of an inch in diameter. The edges of the bushing must be rounded and all inside fins removed, so that in no place will the cord be subjected to the cutting or wearing action of a sharp edge.

Bushings for sockets having an outlet threaded for three-eighths-inch pipe should have a hole thirteen thirty-seconds of an inch in diameter, so that they will accommodate approved reinforced flexible cord.

#### Hanger Boards—

Rule 183. Hanger boards must be so constructed that all wires and current-carrying devices thereon will be exposed to view and thoroughly insulated by being mounted on a non-combustible, non-absorptive insulating substance. All switches attached to hanger boards must be so constructed as to be automatic in their action, to cut off both poles to the lamp, and not to stop between points when started and to prevent an arc between points under all circumstances.

#### Arc Lamps—Stops—

Rule 184. Arc lamps must be provided with reliable stops to prevent carbons from falling out in case the clamps become loose.

#### Insulation—

All exposed parts must be carefully insulated from the circuit.

#### Switches—

The lamps must, for constant-current systems, be provided with an approved hand switch, and an automatic switch that will shunt the current around the carbons, should they fail to feed properly.

The hand switch to be approved, if placed anywhere except upon the lamp itself, must comply with the requirements for switches on hanger boards contained in Rule 183 of this ordinance.

#### Spark Arresters—

Rule 185. Spark arresters must close the upper orifice of the globe so that it will be impossible for any sparks thrown off by the carbons to escape.



## Insulating Joints—

Rule 186. Insulating joints must be entirely made of material that will resist the action of illuminating gases, and will not give way or soften under the heat of an ordinary gas flame or leak under a moderate pressure; and must be so arranged that a deposit of moisture will not destroy the insulating effect. They must show a dielectric strength between gas-pipe and attachments sufficient to resist throughout five minutes the application of an electromotive force of 4,000 volts; and must be sufficiently strong to resist the strain to which they are liable to be subjected during installation.

Insulating joints having soft rubber in their construction must not be used.

## Rheostats—Materials—

Rule 187. Rheostats must be made entirely of non-combustible materials except such minor parts as handles and magnet insulation.

All segments, lever arms and similar parts must be mounted on non-combustible, non-absorptive insulating material.

## Construction—

Rheostats must have legs which will keep the current-carrying parts at least one inch from the surface on which the rheostat is mounted.

The construction throughout must be heavy, rugged and thoroughly workmanlike.

## Connections—

Clamps for connecting wires to the terminals must be designed to insure a thoroughly good connection, and must be sufficiently strong and heavy to withstand hard usage. For currents above fifty amperes, lugs firmly screwed or bolted to the terminals, and into which the connecting wires shall be soldered, must be used.

Clamps or lugs will not be required when leads designed for soldered connections are provided.

## Marks—

Rheostats must be plainly marked, so that the markings will be readily seen after the device is installed, with the rating and the name of maker; and the terminals of motor-starting rheostats must be marked to indicate to what part of the circuit each is to be connected, as "line," "armature" and "field."

## Contacts—

The design of the fixed and movable contacts and the resistance in each section must be such as to secure the least tendency towards arcing and roughening of the contacts, even with careless handling or the presence of dirt.

In motor-starting rheostats, the contact at which the circuit is broken by the lever arm when moving from the running to the starting position, must be so designed that there will be no detrimental arcing. The final contact, if any, on which the arm is brought to rest in the starting position must have no electrical connection.

## No-Voltage Release—

Motor-starting rheostats must be so designed that the contact arm cannot be left on intermediate segments, and must be provided with an automatic device which will interrupt the supply circuit before the speed of the motor falls to less than one-third of its rated speed, marked on the motor, as required by Rule 52 of this ordinance.

## Overload Release—

Overload release devices which are inoperative during the process of starting a motor must not be used unless other circuit breakers or fuses are installed in connection with them.

## Tests—

Rheostats must, after 100 operations under their normal rated conditions, show no serious burning of the contacts or other faults, and the release mechanism of motor-starting rheostats must not be impaired by such a test.

Field rheostats, or main-line regulators intended for continuous use, must not be burned out or depreciated by carrying the full normal current on any step for an indefinite period. Regulators intended for intermittent use (such as on electric cranes and elevators) must be able to carry their rated current on any step for as long a time as the character of the apparatus which they control will permit them to be used continuously.

## Reactive Coils—

Rule 188. Reactive coils must be made of non-combustible material, mounted on non-combustible bases and must be treated as sources of heat.

## Condensers—

Rule 189. Condensers must conform to the requirements of this ordinance as to other apparatus operating with equivalent voltage and currents. They must have non-combustible cases and supports, and must be isolated from all combustible materials, and treated as sources of heat.

## Transformers—

Rule 190. Transformers must not be placed in any but metallic or other non-combustible cases, and must successfully meet the following tests:

1. They shall be run for eight consecutive hours at full load in watts under conditions to be met in actual service, and at the end of that time the rise in temperature, as measured by the increase of resistance of the primary coil, must not exceed 135 degrees Fahrenheit.

2. The insulation of transformers when heated shall withstand continuously for five minutes a difference of potential of 10,000 volts (alternating) between primary and secondary coils and between the primary coils and core, and a no-load "run" at double voltage for thirty minutes.

## Lightning Arresters—

Rule 191. Lightning arresters must be mounted on non-combustible bases, must be so constructed as not to maintain an arc after the discharge has passed, and must have no moving parts.

## Turning on Current—Penalty—Stopping Current—Duty of Police—

Sec. 7. Any person turning on electric current or causing or allowing or procuring the same to be turned on prior to the compliance with the provisions of this ordinance and of chapter 466 of the Laws of 1901 and the acts amendatory thereof, shall be subject to a penalty of \$50 for each offence; and the Commissioner of the Department of Water Supply, Gas and Electricity shall have power, when, in his discretion, safety requires, to stop or cause to be stopped the use and transmission of such current, and to this end it shall be the duty of the Commissioner of Police to render all reasonable assistance to the Commissioner of Water Supply, Gas and Electricity, upon request of the latter.

## Dangerous Installation—Notice to Make Safe—Violation—

Sec. 8. In case any electric wiring, appliance, machinery, apparatus, fixtures, fittings, poles, lamps or other installation in use at or after the time of the taking effect of this ordinance shall, in the opinion of the Commissioner of Water Supply, Gas and Electricity, be or become unsafe or dangerous to life or property or likely to cause conflagration, the Commissioner of Water Supply, Gas and Electricity shall cause written notice to be given to the person, persons or corporation owning or controlling the same forthwith to make the same safe, said notice to specify the particular in which the same is unsafe or dangerous or likely to cause conflagration; and in case such notice shall not be complied with for ten days after the same shall be given or served, the said Commissioner shall have the power to remove the same, or so much thereof as may be unsafe or dangerous to life or property or likely to cause conflagration, or to take such other steps and measures as may be necessary to make the same safe and to obviate danger.

## Service of Notices—

Sec. 9. All notices required or authorized by this ordinance, to be issued or served, may be served by delivering to and leaving a copy of the same with the person or persons to whom the same may be addressed or for whom the same may be intended, or if such person or persons cannot be found after diligent search, by posting the same in a conspicuous place upon the premises to which such notice may refer, and by depositing a copy thereof inclosed in a postpaid sealed wrapper, ad-

ressed to said person or persons at his or their last known place of residence or place of business, in any postoffice or postoffice letter box or mail chute under the jurisdiction of the United States in The City of New York.

## Application of Ordinance—

Sec. 10. This ordinance shall not apply to nor affect electrical apparatus, work or installations contracted for or commenced but not completed at the time of the passage of this ordinance, but the same may be completed, if due diligence be exercised, either before or after the taking effect of this ordinance in all respects in accordance with the requirements of law or ordinances or the rules and regulations of the Department of Water Supply, Gas and Electricity, which requirements would have been applicable thereto and have governed the same if this ordinance had not been passed or had not taken effect.

## Repealed—

Sec. 11. All ordinances or parts of ordinances, including the Building Code, inconsistent with this ordinance are hereby repealed, but any of the provisions of this ordinance, so far as they are wholly or in substance the same as ordinance in force at the time of the taking effect of this ordinance, shall be construed as a continuation thereof, and not as new enactments.

## Taking Effect—

Sec. 12. This ordinance shall take effect at the expiration of sixty days from the date of the approval hereof by the Mayor, or, in case he shall not approve the same, from the date when this ordinance (but for this section) would take effect under section 40 of chapter 466 of the Laws of 1901.

Which was referred to the Committee on Water Supply, Gas and Electricity.

## REPORTS OF STANDING COMMITTEES.

## Reports of Committee on Finance—

No. 1194.

The Committee on Finance, to whom was referred on November 29, 1904 (Minutes, page 710), the annexed communication from the Tenement House Department asking a transfer to its appropriation for salaries, respectfully

## REPORT:

That, having examined the subject, they therefore recommend that the annexed resolution be adopted.

Tenement House Department of The City of New York,  
No. 61 Irving Place, Southwest Corner Eighteenth Street,  
New York City, November 21, 1904.

## Board of Aldermen, City Hall, City:

Gentlemen—I would respectfully request that the sum of \$2,000 of the Appropriation for Rents for the Tenement House Department for the year 1904 be transferred to the Appropriation for Salaries, this amount not being needed for rents and being needed for the account of salaries.

I would further respectfully request that the sum of \$5,000 of the Appropriation for Supplies and Contingencies for the Tenement House Department for the year 1904 be transferred to the Appropriation for Salaries, this amount not being needed for supplies and contingencies and being needed for the account of salaries.

Trusting that these transfers will meet with your approval, I am,

Respectfully yours,

THOS. C. T. CRAIN, Commissioner.

Resolved, That, upon the annexed request of the Tenement House Commissioner, the Board of Estimate and Apportionment be and hereby is requested to make the several transfers of money therein asked for so that said Department may be the better enabled to continue the work in which it is engaged.

JOHN T. McCALL, JOHN H. DONOHUE, JAMES W. REDMOND, JOHN DIEMER, PHILIP HARNISCHFEGER, Committee on Finance.

Which was adopted.

No. 1206.

The Committee on Finance, to whom was referred on November 29, 1904 (Minutes, page 738), the annexed resolution in favor of authorizing the Commissioner of Bridges to execute a contract with the Pennsylvania Steel Company, for certain work on Blackwell's Island Bridge, respectfully

## REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary.

They therefore recommend that the said resolution and ordinance be adopted.

Whereas, A contract for the construction of the steel superstructure of the Blackwell's Island Bridge over the East river, between the Boroughs of Manhattan and Queens, was entered into about the twentieth day of November, nineteen hundred and three, by and between the City of New York, acting through the Commissioner of Bridges, and the Pennsylvania Steel Company, as contractor; and

Whereas, In said contract it was provided that the said contractor should build, construct, finish and fully complete the whole work in a manner described and shown in certain specifications and by certain plans and drawings set forth therein, and in accordance with such further details and instructions as the Engineer might from time to time furnish, approve or issue for the purpose of insuring the thorough completion of the work in the most efficient manner; and

Whereas, It was provided in and by said contract that at the option of the Commissioner of Bridges of The City of New York the quantities in the several items might be increased or diminished, or one kind of steel substituted for the other, at the price or prices provided in the said contract; and

Whereas, By said contract it was provided that the contractor should receive certain prices per pound for certain specified descriptions of material set forth and described in said contract; and

Whereas, It was in said contract specified that if the conditions at any time required changes or alterations to be made, such changes or alterations should be made and the work and materials required to be furnished to effect such changes should be done and furnished by the contractor as under and a part of said agreement and at the prices given therein; and

Whereas, In the course of completing the plans of said bridge it has been determined by the Commissioner of Bridges and the Engineer in charge of the work that certain changes must be made in the specifications, plans and drawings, which said changes are required for the following purposes, viz:

To provide for an increase of strength in the trusses and floor system sufficient to carry an additional pair of elevated railway tracks on the second or upper floor of said bridge, and to provide for the addition of stringers, etc., necessary for this purpose; to provide further area at the points of contact between the steel superstructure and the masonry abutments; and to carry out certain other minor changes required in the plans, now therefore

Resolved, That the Commissioner of Bridges, under and pursuant to said powers reserved in the said contract, has ordered and directed the contractor, in submitting his detailed drawings in triplicate provided for by the said contract, to submit drawings embodying the modification and changes in the specifications hereinbefore described;

The contractor has assented to the said directions of the Commissioner, and if the said modifications in the detail drawings shall require additional work and materials, the contractor will furnish such additional work and materials as under and a part of his original contract and at the prices therein provided for.

Nothing in this agreement shall be construed to mean that the Commissioner has ordered the contractor to furnish any materials, the price of which per pound was not fixed by the contract between the parties hereto.

The estimated cost of the additional work required under this contract is estimated at three hundred and sixty thousand dollars (\$360,000);

Resolved, That the Commissioner of Bridges be and is hereby authorized to execute a contract with the Pennsylvania Steel Company for the work in question on the terms above recited.

JOHN T. McCALL, WILLIAM WENTZ, PHILIP HARNISCHFEGER, JOHN DIEMER, JAMES W. REDMOND, Committee on Finance.

Alderman McCall asked and obtained immediate consideration for this report.

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 Ahner, Baldwin, Boerner, Boyhan, Brenner, Bridges, Callahan, Chambers, Culkin, Davies, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Gass, Gillies, Goodman, Grifenhagen, Grimm, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Higgins, James, Jones, Kenney, Kevin, Koch, Lochner, McCall, McCarthy, Malone, Marks, Meyers, Morris, Arthur H. Murphy, Owens, Poole, Redmond, Richter, Robinson, Schappert, Schloss, Shea, Sheil, Sickles, Stapleton, Sturges, Tolck, Twomey, Ware, Wafer, Wentz, Wirth and the President—60.

No. 1195.

The Committee on Finance, to whom was referred on November 29, 1904 (Minutes, page 711), the annexed resolution in favor of providing for incidental or emergency expenses on bridges over the Harlem river contingent to the Department of Bridges, respectfully

#### REPORT:

That, having examined the subject, they recommend that the said resolution be adopted.

Resolved, That for the purpose of defraying any incidental or emergency expenses on the bridges over the Harlem river and in the Borough of Manhattan contingent to the Department of Bridges of The City of New York, the Commissioner of Bridges may by requisition draw upon the Comptroller from time to time for sums payable from the appropriations for Maintenance of and Repairs to Bridges over the Harlem river and in the Borough of Manhattan, not exceeding five hundred dollars (\$500). Said sums to be used by said Commissioner of Bridges to meet emergencies on the aforesaid bridges over the Harlem river and in the Borough of Manhattan.

JOHN T. McCALL, WILLIAM WENTZ, JAMES W. REDMOND, JOHN H. DONOHUE, PHILIP HARNISCHFEGGER, JOHN DIEMER, Committee on Finance.

Alderman McCall asked and obtained immediate consideration for this report.

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 Ahner, Baldwin, Boyhan, Brenner, Chambers, Culkin, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Gass, Goodman, Grifenhagen, Haenlein, Haggerty, Harburger, Higgins, James, Jones, Kenney, Koch, Lochner, McCall, McCarthy, Malone, Marks, Morris, Arthur H. Murphy, Owens, Poole, Richter, Schappert, Schloss, Shea, Stapleton, Sturges, Tolck, Ware, Wentz and the President—43.

No. 1183.

The Committee on Finance, to whom was referred on November 22, 1904 (Minutes, page 641), the annexed resolution in favor of paying bills of telephone companies, respectfully

#### REPORT:

That, having examined the subject, they recommend that the said resolution be adopted.

Resolved, That the Comptroller be and he is hereby authorized and requested to draw warrants as follows:

One in favor of the New York Telephone Company for two hundred and seventy-five dollars and ten cents (\$275.10), being for telephone service furnished to the office of the City Clerk for the three months ending September 30, 1904.

One in favor of the New York and New Jersey Telephone Company for seventy-two dollars and five cents (\$72.05), being for telephone service furnished in the rooms of the Board of Aldermen, in the Borough Hall, Brooklyn, from July 1 to October 1, 1904.

The said several sums to be payment in full for all services rendered during the periods stated, and to be charged to and paid out of the appropriation entitled "City Contingencies, 1904."

JOHN T. McCALL, JOHN H. DONOHUE, JAMES W. REDMOND, JOHN DIEMER, PHILIP HARNISCHFEGGER, Committee on Finance.

Alderman Owens asked and obtained immediate consideration for this report.

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 Ahner, Baldwin, Boerner, Boyhan, Brenner, Callahan, Chambers, Davies, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Gass, Goodman, Grifenhagen, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Higgins, James, Jones, Koch, Lochner, McCall, McCarthy, Malone, Marks, Owens, Poole, Redmond, Richter, Robinson, Schappert, Schloss, Shea, Sheil, Stapleton, Sturges, Tolck, Twomey, Ware, Wafer, Wentz and the President—49.

No. 1136.

The Committee on Finance, to whom was referred on November 15, 1904 (Minutes, page 374), the annexed ordinance in favor of an issue of Corporate Stock, \$550,000, for permanently bettering school buildings, respectfully

#### REPORT:

That, having examined the subject, they are unable to determine for what purpose said amount of money is to be used.

They therefore recommend that the said ordinance be rejected.

AN ORDINANCE providing for an issue of Corporate Stock in the sum of five hundred and fifty thousand dollars (\$550,000), to provide means for improving, permanently bettering and equipping public school 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. The Board of Aldermen hereby approves of and concurs in the following resolution adopted by the Board of Estimate and Apportionment October 31, 1904, and authorizes the Comptroller to issue Corporate Stock of The City of New York to the amount and for the purposes therein specified:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended by chapter 409 of the Laws of 1904, 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 hundred and fifty thousand dollars (\$550,000), to provide means for improving, permanently bettering and equipping public school buildings in The City of New York, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue Corporate Stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding five hundred and fifty thousand dollars (\$550,000), the proceeds whereof to be applied to the purposes aforesaid."

JOHN T. McCALL, WILLIAM WENTZ, JAMES W. REDMOND, JOHN H. DONOHUE, PHILIP HARNISCHFEGGER, JOHN DIEMER, Committee on Finance.

Alderman McCall asked and obtained immediate consideration for this report.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Ahner, Baldwin, Boerner, Brenner, Bridges, Callahan, Chambers, Culkin, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Gass, Grimm, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Keely, Koch, Lochner, McCall, McCarthy, Malone, Marks, Arthur H. Murphy, Owen J. Murphy, Poole, Redmond, Richter, Robinson, Schappert, Schloss, Sheil, Stapleton, Tolck, Twomey and Wentz—42.

Negative—Aldermen Davies, Goodman, Grifenhagen, Jones, Kevin, Meyers, Shea, Sturges, Ware, Wafer, Wirth and President Cromwell—12.

And the President declared the report adopted and the ordinance rejected.

#### MOTIONS, ORDINANCES AND RESOLUTIONS.

Alderman Davies asked and obtained unanimous consent to introduce the following:

No. 1224.

Whereas, It has been alleged by certain newspapers published in The City of New York that certain contracts made with, and payments to be made to, the gas and electric lighting companies by The City of New York for public lighting in the said city, are excessive and not in conformity with an economical administration of the affairs of the City; and

Whereas, Section 54 of the Greater New York Charter makes it the duty of the Board of Aldermen to see that the affairs of the City and all of its Departments are conducted in an economical manner; therefore be it

Resolved, That the Board of Aldermen make an investigation into the matter of the said contract and payments, and for that purpose a Special Committee of five members be appointed by the President of said Board for the purpose of said investigation, and that said Committee report, not only on the advisability and economy of said payments and contract, but also to suggest any proper means of enabling the City to more practically and economically administer the lighting affairs of the City.

Alderman McCall moved that this resolution be referred to the Committee on Water Supply, Gas and Electricity

The President put the question whether the Board would agree with said motion. Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Baldwin, Boerner, Brenner, Callahan, Chambers, Culkin, Donohue, Doull, Dowling, Doyle, Gass, Haenlein, Haggerty, Harburger, Harnischfeger, Higgins, Jones, Kenney, Kevin, Koch, Lochner, McCall, Malone, Marks, Morris, Arthur H. Murphy, Owen J. Murphy, Owens, Poole, Redmond, Richter, Schappert, Schloss, Sheil, Stapleton, Tolck, Twomey and Wafer—38.

Negative—Aldermen Davies, Diemer, Goodman, Grifenhagen, Grimm, Gunther, Meyers, Robinson, Sturges and Ware—10.

No. 1225.

By Alderman Downing—

Whereas, The Local Board of Improvements of The Heights District did, on December 21, 1903, and again on February 1, 1904, by unanimous vote adopt resolutions in favor of a public park from Remsen to Joralemon street and from Furman street to the easterly line of Montague terrace, extended to the easterly line of Columbia place, in the Borough of Brooklyn; and

Whereas, Over one thousand persons, among them many of the most distinguished and disinterested gentlemen of the community, as well as of the particular section for which this public park has sought, who consider that a park on the bluff of Brooklyn Heights is a "City question and not altogether a borough question," and that such a park would be an attraction and an ornament to the City and in every way desirable, both from a utilitarian and an artistic point of view, have petitioned for what they deem as a most desirable public improvement; therefore

Resolved, That the Board of Estimate and Apportionment is urged to take up for consideration and give its approval to this proposition so that there may be established and constructed at an early day this much-needed and commendable public improvement.

Which was adopted.

#### REPORTS OF STANDING COMMITTEES RESUMED.

Report of Committee on Public Letting—

No. 1062—(S. O. No. 66).

The Committee on Public Letting, to whom was referred on October 11, 1904 (Minutes, page 24), the annexed communication from the Commissioner of Parks, Borough of The Bronx, asking authority to purchase telford stone without public letting, respectfully

#### REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary.

They therefore recommend that the annexed resolution be adopted.

Resolved, That, in accordance with provisions of section 419 of the amended Greater New York Charter, the Commissioner of Parks of the Borough of The Bronx be and he is hereby authorized to purchase 7,000 cubic yards of telford stone to be delivered at Crotona Park, Borough of The Bronx, at a price not to exceed 75 cents per yard.

JOHN J. TWOMEY, PIERCE N. POOLE, FRANK GASS, JOHN WIRTH, WILLIAM T. JAMES, WILLIAM C. BOERNER, Committee on Public Letting.

Which, on motion of Alderman Twomey, was made a special order for the next meeting at 2 o'clock P. M.

Reports of Committee on Finance—

No. 1196—(G. O. No. 135).

The Committee on Finance, to whom was referred, on November 29, 1904 (Minutes, page 712), the annexed resolution in favor of providing for minor or incidental expenses of the Williamsburg Bridge, contingent to the Department of Bridges, respectfully

#### REPORT:

That, having examined the subject, they recommend that the said resolution be adopted.

Resolved, That for the purpose of defraying any minor or incidental expenses of the Williamsburg Bridge contingent to the Department of Bridges of The City of New York the Commissioner of Bridges may, by a requisition, draw upon the Comptroller for a sum, payable from the special fund on deposit with the Chamberlain to the credit of the Williamsburg Bridge Maintenance Fund, not exceeding one thousand dollars (\$1,000), said sum to be used by said Commissioner of Bridges to meet emergencies on the Williamsburg Bridge.

JOHN T. McCALL, JOHN H. DONOHUE, JAMES W. REDMOND, PHILIP HARNISCHFEGGER, JOHN DIEMER, Committee on Finance.

Which was laid over.

No. 1205—(G. O. No. 136).

The Committee on Finance, to whom was referred on November 29, 1904 (Minutes, page 738), the annexed resolution in favor of paying bill of P. H. McDonald (\$100) for engrossing resolutions on death of Hon. Franklin Edson, respectfully

#### REPORT:

That, having examined the subject, they recommend that the said resolution be adopted.

Resolved, That the Comptroller be and he is hereby authorized and requested to draw a warrant in favor of P. H. McDonald for one hundred dollars (\$100), the said sum to be payment in full for engrossing resolutions on the death of Hon. Franklin Edson, adopted by the Board of Aldermen September 27, 1904, and approved by his Honor the Mayor October 4, 1904, the said amount to be charged to and paid out of the appropriation entitled "City Contingencies, 1904."

JOHN T. McCALL, WILLIAM WENTZ, JAMES W. REDMOND, JOHN H. DONOHUE, PHILIP HARNISCHFEGGER, JOHN DIEMER, Committee on Finance.

Which was laid over.

Report of Committee on Streets, Highways and Sewers—

No. 1191.

The Committee on Streets, Highways and Sewers, to whom was referred on November 22, 1904 (Minutes, page 701), the annexed resolution in favor of permitting the East Side Settlement to erect retaining walls on Exterior street, Borough of Manhattan, respectfully

#### REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary. They therefore recommend that the said resolution be adopted.

Resolved, That the East Side House Settlement, the owner of property on the south side of East Seventy-sixth street, Borough of Manhattan, for a distance of one hundred and thirty-eight feet, extending westerly from the west line of Exterior street, is hereby authorized to maintain and erect retaining walls and stoops in front of its property, such walls and stoops to be substantially as they now are, and within four feet of the building line, such work to be at the expense of such owner, under the supervision of the President of the Borough of Manhattan, such permission to continue during the pleasure of the Board of Aldermen.

FRANK L. DOWLING, PATRICK CHAMBERS, JOHN J. BRIDGES, ANDREW J. DOYLE, CHARLES W. CULKIN, Committee on Streets, Highways and Sewers.

Which was adopted.



## Reports of Committee on Laws and Legislation—

No. 142—(S. O. No. 67).

The Committee on Laws and Legislation, to whom was referred, on February 2, 1904 (Minutes, page 424), the annexed ordinance in favor of amending the ordinance entitled "The Street Cleaning Ordinance," respectfully

## REPORT:

That having examined the subject they recommend that the said ordinance be adopted.

AN ORDINANCE to amend an ordinance entitled "An Ordinance regulating the cleaning of streets and sidewalks and keeping them clean, and removing snow and ice, dirt and other materials therefrom in The City of New York."

Be it Ordained by the Board of Aldermen as follows:

Section 8 of an ordinance entitled "An Ordinance regulating the cleaning of streets and sidewalks and keeping them clean and removing snow and ice, dirt and other materials therefrom in The City of New York," adopted the 31st day of July, 1902, and approved by the Mayor the 6th day of August, 1902, as amended by an ordinance adopted the 10th day of March, 1903, approved by the Mayor the 23d day of March, 1903, is hereby amended to read as follows:

Section 8. Every owner, lessee, tenant or occupant of any building or lot of ground abutting on a street or public place, or any agent having charge thereof, who shall fail to remove the snow and ice, dirt or other materials from the paved sidewalk in front thereof, as required by section 6 of this ordinance, shall be deemed to be guilty of a misdemeanor, and on conviction thereof by a City Magistrate, either upon confession of the defendant or upon competent testimony, shall be punished by a fine of not less than three dollars and not more than five dollars for each such offense, or by imprisonment for not less than one day nor more than five days.

ISAAC MARKS, WILLIAM J. BOYHAN, JAMES W. REDMOND, RICHARD KLEIN, JAMES COWDEN MEYERS, Committee on Laws and Legislation.

Which, on motion of Alderman Marks, was made a special order for the next meeting at 2.15 o'clock P. M.

No. 719—(S. O. No. 68).

The Committee on Laws and Legislation, to whom was referred on June 7, 1904 (Minutes, page 872), the annexed ordinance in favor of amending the Rules of the Road, respectfully

## REPORT:

That, having examined the subject, they recommend that the said ordinance be adopted.

AN ORDINANCE in relation to the rules of the road. To amend Article IX.—Penalties for violations.

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

Section 1. Penalties for violations. Any person violating any provision or regulation hereof shall be deemed guilty of a misdemeanor, and upon conviction thereof before any City Magistrate, either upon conviction of the party or by competent testimony, may be fined for such offense any sum not less than one dollar and not exceeding fifty dollars, and in default of payment of such fine may be committed to prison by such City Magistrate until the same be paid, but such imprisonment shall not exceed ten days.

Sec. 2. This ordinance shall take effect immediately.

ISAAC MARKS, JAMES COWDEN MEYERS, WILLIAM J. BOYHAN, JAMES W. REDMOND, J. RICHARD KEVIN, Committee on Laws and Legislation.

Which, on motion of Alderman Marks, was made a Special Order for the next meeting at 2.20 o'clock P. M.

No. 971—(S. O. No. 69).

The Committee on Laws and Legislation, to whom was referred on August 31, 1904 (Minutes, page 886), the annexed ordinance in relation to bootblacks, respectfully

## REPORT:

That, having examined the subject, they believe the proposed ordinance to be necessary. They therefore recommend that the said ordinance be adopted.

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

To amend Title III. of "A General Ordinance in Relation to Business Requiring a License and the Regulation Thereof in The City of New York," approved by the Mayor May 22, 1899, by adding section 36A, which shall read as follows:

Section 36A—Any person carrying and using a box, pedestal or portable stand for the purpose of blackening, polishing or oiling shoes and boots in the streets and public places in The City of New York, shall for all purposes be considered a peddler, and shall procure a license to be issued as provided by this ordinance, upon the payment of five (5) dollars as a fee therefor annually.

No such license or badge shall be issued to any child actually or apparently under the age of sixteen years, and each child actually or apparently under such age is prohibited from blackening, polishing or oiling shoes.

Nothing herein contained shall be deemed to bar a criminal prosecution under the Penal Code.

ISAAC MARKS, JAMES COWDEN MEYERS, WILLIAM J. BOYHAN, JAMES W. REDMOND, J. RICHARD KEVIN, Committee on Laws and Legislation.

Which, on motion of Alderman Marks, was made a special order for the next meeting, at 2.30 o'clock P. M.

No. 1150—(S. O. No. 70).

The Committee on Laws and Legislation, to which was referred on November 15, 1904 (Minutes, page 396), the annexed resolution in favor of exempting plumbing contractors from charges of fees by any Borough President or Commissioner of Public Works for connecting into any sewer or sewers in any street, alley, etc., in The City of New York, respectfully

## REPORT:

That, having examined the subject, they therefore recommend that the said resolution be adopted, with the amendment that it does not affect any existing contract.

Resolved, That all plumbing contractors performing work on any municipal or public buildings in The City of New York shall be exempt from charge of fees by any Borough President or Commissioner of Public Works for connecting into any public sewer or sewers in any street, alley or highway, except a nominal charge of ten dollars for each such municipal or public building owned by The City of New York, provided, however, that this resolution shall not affect any existing contract.

WILLIAM E. MORRIS, WILLIAM J. BOYHAN, DANIEL E. SICKLES, JAMES COWDEN MEYERS, MOSES J. WAFER, J. RICHARD KEVIN, JAMES W. REDMOND, Committee on Laws and Legislation.

Which, on motion of Alderman Marks, was made a special order for the next meeting at 2.35 o'clock P. M.

Nos. 1186 and 1204.

The Committee on Laws and Legislation, to whom were referred on November 22, 1904, and November 29, 1904 (Minutes, page 700 and page 737), the annexed resolutions in favor of designating certain newspapers in New York County to print the session laws of 1905, respectfully

## REPORT:

That, having examined the subject, they recommend the annexed substitute resolution for adoption.

Resolved, That, as provided by chapter 715 of the Laws of 1892, and the laws amendatory thereof, "The Bronx Borough Record and Times" (Republican), having been selected therefor by a majority of the members of the Republican Party represented in the Board of Aldermen from the County of New York, as a newspaper fairly representing said party, be and the said "Bronx Borough Record and Times" is hereby designated as one of the two newspapers in which shall be published the Session Laws for 1905, in said County of New York.

(Substitute.)

Resolved, That, pursuant to the provisions of chapter 715 of the Laws of 1892, and section 1856 of the Amended Greater New York Charter, "The Bronx Borough Record and Times" (Republican), and the "Daily North Side News" (Democratic), each of whose place of publication is in the County of New York, be and

they are hereby designated as the two newspapers in which shall be published Session Laws of 1905, in said County of New York.

ISAAC MARKS, JAMES COWDEN MEYERS, WILLIAM J. BOYHAN, JAMES W. REDMOND, J. RICHARD KEVIN, WILLIAM E. MORRIS, Committee on Laws and Legislation.

Alderman Harnischfeger asked and obtained immediate consideration for this report.

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 Ahner, Baldwin, Boerner, Brenner, Bridges, Callahan, Chambers, Culkin, Davies, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Goodman, Grimm, Haenlein, Haggerty, Harburger, Harnischfeger, Jones, Kenney, Kevin, Koch, McCall, McCarthy, Malone, Marks, Meyers, Morris, Arthur H. Murphy, Owens, Poole, Redmond, Richter, Schappert, Schloss, Sheil, Sturges, Tolk, Twomey, Ware and Wirth—45.

No. 1187.

The Committee on Laws and Legislation, to whom was referred on November 22, 1904 (Minutes, page 700), the annexed ordinance in favor of authorizing payment of wages to per diem employees of The City of New York for all public or designated holidays, respectfully

## REPORT:

That, having examined the subject, they recommend that the said ordinance be adopted.

AN ORDINANCE to authorize payment of wages to per diem employees of The City of New York for all public or designated holidays.

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

1. That on public or specially designated holidays, the per diem employees of The City of New York shall, equally with salaried officers and employees, receive their full daily compensation.

2. This ordinance shall take effect immediately.

ISAAC MARKS, WILLIAM E. MORRIS, JAMES W. REDMOND, J. RICHARD KEVIN, JAMES COWDEN MEYERS, Committee on Laws and Legislation.

Alderman Marks asked and obtained immediate consideration for this report.

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 Ahner, Baldwin, Boerner, Brenner, Bridges, Callahan, Chambers, Culkin, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Goodman, Grimm, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Jones, Kenney, Koch, Lochner, McCall, McCarthy, Malone, Marks, Meyers, Morris, Arthur H. Murphy, Owen J. Murphy, Owens, Poole, Redmond, Richter, Schappert, Schloss, Sheil, Stapleton, Tolk, Twomey, Ware, Wafer, Wentz and Wirth—48.

## MOTIONS, ORDINANCES AND RESOLUTIONS, RESUMED.

No. 1226.

By the President—

Resolved, That the following-named persons be and they are hereby appointed Commissioners of Deeds:

By the President—

C. Andrew Rosenphal, No. 102 East One Hundred and Twenty-fifth street.

W. J. Dunn, No. 92 St. Nicholas avenue, Manhattan.

Abraham I. Vilkomirson, No. 243 Madison street, Manhattan.

George Tonkonogy, No. 1765 Pitkin avenue, Brooklyn.

Norman M. Burrell, No. 248 West Seventy-fifth street, Manhattan.

William S. Petty, No. 252 West Twenty-first street, Manhattan.

By Alderman Ahner—

Mary E. F. Wallace, No. 117 East One Hundred and Twelfth street, Manhattan.

By Alderman Boyhan—

Robert D. Elder, Jr., No. 211 West One Hundred and Twenty-third street, Manhattan.

By Alderman Baldwin—

George L. Rauch, No. 557 West One Hundred and Sixty-ninth street, Manhattan.

By Alderman Brenner—

John S. Martino, No. 147 Baltic street, Brooklyn.

By Alderman Chambers—

Peter A. Peterson, No. 407 Broadway, Manhattan.

By Alderman Doull—

Chas. L. Thatcher, Jr., No. 155 Broadway, Manhattan.

By Alderman Dowling—

John Monaghan, No. 233 West One Hundred and Forty-second street, Manhattan.

James B. Bowen, No. 408 West Twenty-third street, Manhattan.

Nellie B. Dolan, No. 341 West Twenty-fourth street, Manhattan.

By Alderman Donohue—

Michael Kleiner, No. 118 Columbia street, Manhattan.

James S. Friedman, No. 621 East Fifth street, Manhattan.

By Alderman Downing—

Eugene T. Ryan, No. 70 Whitney avenue, Elmhurst, Queens.

By Alderman Davies—

Joseph C. Jahn, No. 336 Fulton street, Jamaica, Queens.

By Alderman Diemer—

Alexander Greer, No. 280 St. Nicholas avenue, Manhattan.

James R. Speers, No. 529 Willoughby avenue, Brooklyn.

By Alderman Gillies—

Herbert S. Tenney, Simonson avenue, Clifton, Richmond.

By Alderman Goodman—

John D. Kahrs, No. 1592 Lexington avenue, Manhattan.

By Alderman Grimm—

Charles G. Gall, No. 229 Van Sicklen avenue, Brooklyn.

Clifford B. Day, No. 126 Jerome street, Brooklyn.

By Alderman Harburger—

Reuben Dorfman, No. 10 First avenue, Manhattan.

By Alderman Harnischfeger—

Alexander H. W. Zerban, No. 776 Forest avenue, The Bronx.

By Alderman Hann—

Geo. H. Ohnewald, No. 805 Flatbush avenue, Brooklyn.

By Alderman Higgins—

John F. Chapman, No. 79 Barrow street, Manhattan.

By Alderman Haenlein—

Chas. Schreiber, No. 18 Park street, Brooklyn.

By Alderman Jones—

Fernando Wood, No. 443 Central Park, West, Manhattan.

By Alderman Kevin—

John G. Wischerth, Bedford avenue, corner Greene avenue, Brooklyn.

By Alderman Lochner—

Stephen H. Voris, Sheldon avenue, Jamaica, Queens.

By Alderman Malone—

Louis W. Beveridge, Fortieth street and Fort Hamilton avenue, Brooklyn.

Anna Clarke, No. 4415 Third avenue, Brooklyn.



By Alderman Murphy—  
Antonio Russo, No. 2356 Arthur avenue, The Bronx.

By Alderman Morris—  
Clarence C. Ferris, Spuyten Duyvil, The Bronx.  
Robert D. Tape, No. 596 Bathgate avenue, The Bronx.  
Otto Lackman, No. 525 East One Hundred and Sixty-third street, The Bronx.

By Alderman Marks—  
Benjamin Reass, No. 132 Nassau street, Manhattan.  
Louis Hohenberg, No. 711 Sixth street, Manhattan.  
William Jasie, No. 302 Broadway, Manhattan.  
Joseph Horowitz, No. 235 Canal street, Manhattan.  
Emanuel Dollinger, Nos. 128-130 Broome street, Manhattan.  
Alexander Pfeiffer, No. 271 Broadway, Manhattan.  
Barney Mann, No. 268 East Broadway, Manhattan.  
Henry W. Goldman, No. 179 East Broadway, Manhattan.  
Abraham I. Gordon, No. 320 Broadway, Manhattan.

By Alderman Schloss—  
Louis Halle, No. 25 Broad street, Manhattan.  
Abm. L. Gutman, No. 142 West Eighty-seventh street, Manhattan.

By Alderman Wafer—  
Chas. Wurm, No. 27 Woodhull street, Brooklyn.  
Wm. J. Grant, No. 646 Henry street, Brooklyn.  
Salvador A. Visca, No. 242 Columbia street, Brooklyn.

By Alderman Ware—  
William H. Klenke, No. 981 Madison avenue, Manhattan.  
George P. Hotaling, No. 133 East Ninety-first street, Manhattan.

By Alderman Wirth—  
Louis L. G. Benedict, No. 141 Madison street, Brooklyn.  
The President put the question whether the Board would agree with said resolution.

Which was decided in the affirmative by the following vote:  
Affirmative—Aldermen Ahner, Baldwin, Boerner, Boyhan, Brenner, Bridges, Callahan, Chambers, Culkin, Davies, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Goodman, Griffenhagen, Grimm, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Jones, Kenney, Koch, Lochner, McCall, McCarthy, Malone, Marks, Meyers, Morris, Arthur H. Murphy, Owen J. Murphy, Owens, Poole, Redmond, Richter, Robinson, Schappert, Schloss, Sheil, Stapleton, Sturges, Tolk, Twomey, Ware, Wafer, Wirth and the President—53.

No. 1227.

By Alderman McCall—  
Resolved, That the Committee on Finance be and it is hereby discharged from further consideration of the below-enumerated matters, and that the same be placed on file.

No. 739. Communication from Police Department in relation to the selection of a site for station-house, etc., for Nineteenth Precinct. Page 880, Minutes of June 14, 1904.

No. 1083. Communication from Commissioner of Police, transmitting bills incurred by the Police Department on occasion of General Slocum disaster. Page 121, Minutes of October 25, 1904.

Which was adopted.

No. 1228.

By Alderman Morris—  
Resolved, That permission be and the same is hereby given to Alte Mencher to erect and maintain a retaining-wall within the stoop-line in front of his premises, four feet in height, on Ryer avenue, seventy-five feet east of One Hundred and Eightieth street, Borough of The Bronx, the work to be done at his own expense, under the direction of the President of the Borough of The Bronx, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 1229.

By Alderman Marks—  
AN ORDINANCE Discontinuing the Use of Catharine Market.  
Be it Ordained by the Board of Aldermen of The City of New York, as follows:  
That Catharine Market, in the Borough of Manhattan, designated and declared among others to be one of the public markets of The City of New York, in accordance with the provisions of section 47 of the Revised Ordinances of 1897, is hereby discontinued as a public market, and its use as such is hereby forbidden.

Which was referred to the Committee on Public Buildings and Markets.

No. 1230.

By Alderman Marks—  
Resolved, That the Committee on Laws and Legislation be and they hereby are discharged from further consideration of the following enumerated communications, resolutions and ordinances; and be it further

Resolved, That the aforesaid communications, resolutions and ordinances be placed on file:

No. 425—Ordinance relative to licensing dogs and cats. Page 97, Minutes of April 13, 1904.

No. 816—Resolution requesting heads of departments to close offices at 3 P. M. during July and August. Page 1150, Minutes of June 28, 1904.

No. 942—Communications from New York Retail Grocers' Union in relation to pushcarts. Page 630, Minutes of August 31, 1904.

No. 948—Communications from West Side Taxpayers' Association in relation to pushcarts. Page 636, Minutes of August 31, 1904.

Which was adopted.

No. 1231.

By Alderman Harburger—  
AN ORDINANCE to amend section 530 of the Revised Ordinances of 1897, as amended.

Be it Ordained by the Board of Aldermen of The City of New York, as follows:  
Section 1. Section 530 of the Revised Ordinances of 1897, relative to peddlers, vendors, hawkers and hucksters, is hereby further amended by adding at the end thereof, after the words "Pearl street," the following, "or in Avenue B, from Houston street to Fourteenth street."

Sec. 2. All ordinances or parts of ordinances inconsistent or conflicting with the provisions of this ordinance are hereby repealed.

Sec. 3. This ordinance shall take effect immediately.

The President put the question whether the Board would agree with said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Ahner, Baldwin, Boerner, Brenner, Bridges, Callahan, Chambers, Culkin, Davies, Donohue, Dougherty, Doull, Dowling, Doyle, Goodman, Grimm, Haenlein, Haggerty, Harburger, Harnischfeger, Jones, Kenney, Koch, Lochner, McCall, McCarthy, Malone, Marks, Morris, Arthur H. Murphy, Owens, Poole, Redmond, Richter, Robinson, Schappert, Schloss, Sheil, Stapleton, Sturges, Twomey, and Wafer—42.

Negative—Alderman Tolk—1.

No. 1232.

By Alderman Goodman—  
Resolved, That D. A. Starbuck, of No. 208 Broadway, in the Borough of Manhattan, be and he is hereby appointed a City Surveyor.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Ahner, Baldwin, Boerner, Brenner, Bridges, Callahan, Chambers, Culkin, Davies, Diemer, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Goodman, Grimm, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Jones, Kenney, Koch, Lochner, McCall, McCarthy, Malone, Marks, Meyers, Morris, Arthur H. Murphy, Owens, Redmond, Richter, Robinson, Schappert, Schloss, Sheil, Stapleton, Sturges, Twomey, Ware, Wafer, Wentz and Wirth—48.

No. 1233.

By Alderman Haenlein—  
Resolved, That it is recommended to the Commissioner of Water Supply, Gas and Electricity that an arc light be placed and maintained on the southwest corner of Morgan avenue and Maujer street, in the Borough of Brooklyn.

Which was adopted.

On motion of Alderman Tolk, the Board returned to the order of business of General Orders.

#### GENERAL ORDERS.

Alderman Tolk called up General Order No. 131, being a report and resolution, as follows:

No. 1061.

The Committee on Salaries and Offices, to whom was referred, on October 11, 1904 (Minutes, page 23), the annexed resolution in favor of fixing salary of position of Junior Clerk in office of the Board of Trustees of the College of The City of New York, respectfully

#### REPORT:

That, having examined the subject, they recommend that the said resolution be adopted.

Whereas, The Board of Estimate and Apportionment, at a meeting held October 7, 1904, adopted the following resolution:

"Resolved, That the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, in accordance with the provisions of section 56 of the Greater New York Charter, that the salary of the position of Junior Clerk in the office of the Board of Trustees of the College of The City of New York be fixed at the rate of four hundred and eighty dollars (\$480) per annum."

Resolved, That the Board of Aldermen hereby concurs in said resolution, and fixes the salary of the position of Junior Clerk in the office of the Board of Trustees of the College of The City of New York at the rate of four hundred and eighty dollars (\$480) per annum.

PHILIP HARNISCHFEGER, FRANK L. DOWLING, PATRICK CHAMBERS, MORITZ TOLK, ARTHUR H. MURPHY, Committee on Salaries and Offices.

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 Ahner, Baldwin, Boerner, Brenner, Bridges, Callahan, Chambers, Culkin, Davies, Donohue, Dougherty, Doull, Dowling, Downing, Doyle, Goodman, Grimm, Gunther, Haenlein, Haggerty, Harburger, Harnischfeger, Jones, Kenney, Kevin, Koch, Lochner, McCall, McCarthy, Malone, Marks, Morris, Arthur H. Murphy, Owens, Poole, Richter, Robinson, Schappert, Schloss, Sheil, Stapleton, Sturges, Tolk, Twomey, Ware, Wafer, Wentz and Wirth—48.

#### SPECIAL ORDERS.

Alderman Davies called up Special Order No. 53, being a report and resolution, as follows:

No. 849.

The Committee on Water Supply, Gas and Electricity, to whom was referred on July 5, 1904 (Minutes, page 202), the annexed resolution in favor of requesting the Commissioner of Water Supply, Gas and Electricity to light lamps in front of certain churches, respectfully

#### REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary.

They therefore recommend that the said resolution be adopted.

Resolved, That the Commissioner of Water Supply, Gas and Electricity is hereby respectfully requested to place Welsbach burners on the lamp-posts in front of the following churches:

1. In front of the Lutheran Church, at the southeast corner of One Hundred and Fortieth street and Edgecombe avenue.

2. In front of the Roman Catholic Church of St. Charles Borromeo, in West One Hundred and Forty-first street, between Seventh and Eighth avenues.

REGINALD S. DOULL, WILLIAM WENTZ, PETER A. SHEIL, SAMUEL H. JONES, JOHN V. COGGEY, Committee on Water Supply, Gas and Electricity.

Which, on motion of Alderman Davies, was placed on file.

Alderman Davies called up Special Order No. 52, being a report and resolution as follows:

No. 848.

The Committee on Water Supply, Gas and Electricity, to whom was referred on July 5, 1904 (Minutes, page 202), the annexed resolution in favor of requesting the Commissioner of the Department of Water Supply, Gas and Electricity to light certain streets, respectfully

#### REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary.

They therefore recommend that the said resolution be adopted.

Resolved, That the Commissioner of Water Supply, Gas and Electricity is hereby respectfully requested to light the following named streets, as follows:

1. To light Manhattan street, in the Borough of Manhattan, with electric lights.

2. To light One Hundred and Forty-fifth street with electric lights.

REGINALD S. DOULL, WILLIAM WENTZ, PETER A. SHEIL, SAMUEL H. JONES, JOHN V. COGGEY, Committee on Water Supply, Gas and Electricity.

Which was adopted.

Alderman Owens moved that the Board do now adjourn.

The President put the question whether the Board would agree with said motion. Which was decided in the affirmative.

And the President declared that the Board stood adjourned until Tuesday, December 13, 1904, at 1 o'clock P. M.

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

### BOROUGH OF MANHATTAN.

#### BUREAU OF BUILDINGS.

THE CITY OF NEW YORK, November 28, 1904.

OPERATIONS FOR THE WEEK ENDING NOVEMBER 26, 1904.

Plans filed for new buildings; estimated cost, \$1,020,100.....	22
Plans filed for alterations; estimated cost, \$139,200.....	25
Buildings reported as unsafe, but not serious.....	27
Buildings reported for additional means of escape.....	3
Other violations of law reported.....	49
Unsafe building notices issued.....	61
Fire-escape notices issued.....	6
Violation notices issued.....	79
Violation cases forwarded for prosecution.....	24
Iron and steel inspections made.....	4,980
Complaints lodged with the Bureau.....	1

ISAACA. HOPPER,  
Superintendent of Buildings, Borough of Manhattan.

WILLIAM H. CLASS,  
Chief Clerk.



## DEPARTMENT OF FINANCE.

Abstract of the transactions of the Bureau of the City Chamberlain for the week ending October 31, 1904.

OFFICE OF THE CITY CHAMBERLAIN,  
NEW YORK, November 16, 1904.

Hon. GEORGE B. McCLELLAN, Mayor:

SIR—In pursuance of section 196, chapter 466 of the Laws of 1901, I have the honor to present herewith a report to October 31, 1904, of all moneys received by me, and the amount of all warrants paid by me since October 22, 1904, and the amount remaining to the credit of the City on October 31, 1904.

Very respectfully,  
PATRICK KEENAN, City Chamberlain.

Dr.	THE CITY OF NEW YORK, in account with PATRICK KEENAN, Chamberlain, during the week ending October 31, 1904.	CR.	
1904. Oct. 31	To Additional Water Fund..... \$221,977 53 Additional Water Fund, City of New York..... 51,818 80 Armory Fund..... 367 10 American Museum of Natural History..... 1,308 88 Anti-toxine Fund..... 1,002 17 Atlantic Avenue Improvement Fund, Borough of Brooklyn..... 11,285 32 Bridge Over Harlem River, One Hundred and Forty-fifth and One Hundred and Forty-ninth Streets..... 11,635 57 Bridge Over Harlem River at Third Avenue..... 15,171 25 Bridge Over Harlem River, between First and Willis Avenues..... 374 00 Bridge Over East River, between Boroughs of Manhattan and Brooklyn..... 2,974 64 Bridge Over East River, between Boroughs of Manhattan and Queens..... 2,995 16 Bridge, with Abutments, Over Tracks of the New York Central and Hudson River Railroad, etc..... 2,550 40 Bridge Across Bronx River and Approaches to Bridge Over New York and Harlem Railroad, etc..... 132 00 Bridge Over Bronx River at One Hundred and Seventy-seventh Street..... 65 93 Bridge Over Eastchester Bay, Pelham Bay Park, Borough of The Bronx..... 717 27 Bridge Over Flushing Creek, etc., Borough of Queens..... 230 05 Botanical Garden, Bronx Park..... 5,632 17 Borough of Brooklyn..... 349 50 Borough of Queens..... 224 40 Cathedral Parkway—Improvement and Construction of..... 3,464 78 Change of Grade Damage Commission, Twenty-third and Twenty-fourth Wards..... 1,090 10 College of The City of New York—New Sites, etc..... 111,957 75 Construction and Establishment of High Pressure Water System, etc., Borough of Manhattan..... 465 55 Construction and Establishment High Pressure Water System, etc., Borough of Brooklyn..... 745 83 Construction of Bridge over Gowanus Canal, etc., Borough of Brooklyn..... 2,615 85 Construction of Bridge Across Harlem River, Two Hundred and Seventh Street, Borough of Manhattan, etc..... 19,740 77 Construction and Improvement of Small Parks, Borough of Manhattan, etc..... 455 06 Constructing Improved Toilet Facilities, City Parks, etc., Borough of Manhattan..... 149 50 Construction of Sewers, Borough of Brooklyn..... 16,608 67 Construction of New Hospital, Borough of The Bronx..... 600 00 Construction of Private Sewers, Borough of Brooklyn..... 124 00 Construction and Equipment of Borough Building, Borough of Richmond..... 29,733 00 Dock Fund..... 108,310 41 Department of Correction—Building Fund..... 6,932 60 Department of Education—Special High School Fund..... 2,305 21 Department of Education—Maintenance of Training Schools..... 1,596 57 Department of Health—Building Fund..... 15,407 05 Department of Public Charities—Building Fund..... 15,506 61 Excise Taxes, New York County..... 9,890 00 Excise Taxes, Kings County..... 4,722 50 Excise Taxes, Queens County..... 2,470 10 Excise Taxes, Richmond County..... 742 50 Expenses of Commissioners of Estimate and Appraisal, etc..... 91 30 Extension of River-side Drive to Boulevard Lafayette..... 103 20 Fund for Street and Park Openings..... 226,221 22 Fund for Gratuitous Vaccination..... 4 00 Fire Department Fund—Sites, Buildings, etc..... 8,890 43 Fire Department Fund—Sites, Buildings, Boroughs of Brooklyn and Queens..... 7,809 16 Fire Alarm Telegram System, Borough of Richmond..... 241 25 Improvement of Parks, Parkways and Drives, Boroughs of Manhattan and Richmond..... 9,585 82 Improvement of Parks, Parkways and Drives, Borough of The Bronx..... 16,606 25 Improvement of Parks, Parkways and Drives, Boroughs of Brooklyn and Queens..... 6,035 00 Improvement of Parks, Parkways and Drives, chapter 643, Laws of 1897..... 172 42 Improvement and Construction of Parks, Parkways and Playgrounds, Boroughs of Manhattan and Richmond..... 8,346 99 Improvement and Construction of Parks, Parkways and Playgrounds, Borough of The Bronx..... 7,535 09 Improvement of Parks, Parkways and Drives, Boroughs of Brooklyn and Queens..... 5,494 38 Maintenance and Distribution, Water Supply, Borough of Brooklyn, 1904..... 50,741 78 Map or Plan of Portion of Second, Third, Fourth and Fifth Wards, Borough of Queens..... 3,447 00 Maintenance and Improvement of Public Parks, Brooklyn Heights..... 14 00 New Bellevue Hospital..... 1,490 00 New East River Bridge Fund..... 196,722 01 New Richmond County Jail..... 2,833 45 New York Fire Department Relief Fund..... 70,000 00 New York and Brooklyn Bridge..... 10,363 27 New York Public Library Fund..... 53,770 23 New York Zoological Garden Fund..... 3,509 60 Newtown Creek Bridge Fund, Borough of Brooklyn..... 35,454 80 Opening and Extending, etc., Bedford Avenue, Brooklyn..... 48 00 Police Department Fund—Sites and Buildings..... 14,156 00 Public Baths Fund, Borough of Manhattan..... 5,445 83 Public Baths Fund—Borough of Brooklyn..... 4,177 50 Public School Library Fund..... 209 86 Restoring and Repaving—Special Fund—Borough of Manhattan..... 2,411 90 Restoring and Repaving—Special Fund—Borough of The Bronx..... 111 60 Restoring and Repaving—Special Fund—Borough of Brooklyn..... 45 60 Restoring and Repaving—Special Fund—Borough of Queens..... 11 55 Repaving—Chapter 85, Laws of 1897..... 543 54 Repaving—Chapter 35, Laws of 1892..... 1,482 59 Repaving—Chapter 346, Laws of 1899..... 813 57 Repaving—Chapter 475, Laws of 1895..... 7,186 07 Repaving Streets, Borough of Manhattan..... 45,554 01 Repaving Streets, Borough of The Bronx..... 29,690 50 Repaving Streets, Borough of Brooklyn..... 91,971 26 Repaving Streets, Borough of Queens..... 814 65 Repaving Streets, Borough of Richmond..... 2,066 00 Rapid Transit Fund, No. 2..... 31,612 14 Rapid Transit Construction Fund..... 140,752 00 Refunding Assessments Paid in Error, Borough of The Bronx..... 8 66 Refunding Assessments Paid in Error, Borough of Brooklyn..... 161 68 Refunding Taxes Paid in Error, Borough of Brooklyn..... 1,399 73 Refunding Taxes Paid in Error, Borough of Queens..... 40 38 Revenue Bonds of 1903..... 403,000 00 Revenue Bonds of 1904..... 8,170,000 00 Revenue Bond Fund—Board of Health—Necessary Expenses, etc..... 24,268 76 Revenue Bond Fund—General Repairs—Board of Education..... 13 52 Revenue Bond Fund—Judgments..... 17,138 49 Revenue Bond Fund—Claims..... 6,734 14 Revenue Bond Fund—Plans—Suitable Exhibit, City of New York, at Louisiana Purchase Exposition..... 2,039 86 Revenue Bond Fund—Commissioner of Licenses, etc., for Volunteer Fire Company's Service, Borough of Richmond..... 909 35 Revenue Bond Fund—Purchase of Supplies, Manufacturing Purposes, Kings County Penitentiary..... 675 00 Revenue Bond Fund—Repairs to Bungay Street Outlet Sewer, Borough of The Bronx..... 576 05 Revenue Bond Fund—Expenses of Making Exact Triangulation, etc., City of New York..... 764 95 Revenue Bond Fund—Payment Additional Compensation, Hostlers, Police Department..... 660 25 Revenue Bond Fund—Repairs to and Reconstructing Sewers, Borough of Manhattan..... 1,091 37 Revenue Bond Fund—Deficiency Appropriation, Police Department, 1904, etc..... 151 67 Revenue Bond Fund—Expenses City Commission, etc., Plans, etc., City of New York..... 216 28 Revenue Bond Fund—Repairing and Renovating Streets and Pavements, Borough of Manhattan..... 1,268 50	1904. Oct. 22	By Balance..... \$11,089,274 10  CITY OF NEW YORK.  Taxes: Borough of Manhattan..... Austen..... \$2,021,953 52 Borough of The Bronx..... 155,81 66 Borough of Brooklyn..... 607,628 35 Borough of Queens..... 104,965 73 Borough of Richmond..... 46,142 7 \$3,025,772 02  Water Rents: Borough of Brooklyn..... Austen..... 4,168 87 Borough of Queens..... 2,463 70 Water Meter Fund No. 2: Borough of Manhattan..... Austen..... \$270 28 Borough of The Bronx..... 37 11 307 39  Arrears of Taxes: Borough of Manhattan..... Collector Assessments..... \$69,197 52 Borough of The Bronx..... 16,938 12 Borough of Brooklyn..... 45,202 41 Borough of Queens..... 17,083 74 Borough of Richmond..... 4,002 95 152,424 74  Interest on Taxes: Borough of Manhattan..... Collector Assessments..... \$10,672 69 Borough of The Bronx..... 2,739 28 Borough of Brooklyn..... 5,177 07 Borough of Queens..... 3,124 65 Borough of Richmond..... 504 41 22,218 40  Street Improvement Fund—January 1, 1898: Borough of Manhattan..... Collector Assessments..... \$10,005 37 Borough of The Bronx..... 21,107 25 Borough of Brooklyn..... 18,118 92 Borough of Richmond..... 1,414 74 56,646 28  Interest on Assessments—Street Improvement Fund: Borough of Manhattan..... Collector Assessments..... \$745 50 Borough of The Bronx..... 1,492 05 Borough of Brooklyn..... 1,088 89 Borough of Richmond..... 90 43 3,416 87  Fund for Street and Park Openings: Borough of Manhattan..... Collector Assessments..... \$9,798 57 Borough of The Bronx..... 67 9 75 Borough of Brooklyn..... 23,767 15 Borough of Queens..... 320 01 Borough of Richmond..... 46 7 121,892 45  Interest on Assessments—Fund for Street and Park Openings: Borough of Manhattan..... Collector Assessments..... \$3,009 95 Borough of The Bronx..... 3,39 23 Borough of Brooklyn..... 960 29 Borough of Queens..... 21 00 Borough of Richmond..... 2 43 7,388 90  Borough of Brooklyn— Interest on Twenty-sixth Ward Bonds..... Collector of Assessments..... 1,669 79 Interest on interest on Twenty-sixth Ward Bonds..... 19 07 Local Improvements, Late Town New Utrecht..... 275 27 Sewer Assessments, Twenty-ninth Ward..... 1,533 41 Opening and Grading Assessments, Thirty-first Ward..... 1,303 16 Flagging Tax Assessments, Thirtieth Ward..... 109 44 Flatbush Avenue Improvement, Twenty-ninth Ward..... 1,660 05 Interest on Assessments..... 87 85 Arrears of Water Rents, 1898, etc..... 2,067 79 Interest on Water Rents, 1898, etc..... 320 39  Borough of Queens— Long Island City: Water Rents..... 40 35 Interest on Water Rents..... 13 53 Village of College Point: Water Rents..... 5 03 Interest on Water Rents..... 72 Village of Flushing: Water Rents..... 168 88 Interest on Water Rents..... 23 30 Village of Whitestone: Water Rents..... 2 09 Interest on Water Rents..... 16 Intestate Estates, New York County..... Comptroller..... 95 64 Dock Fund..... Featherston..... 3,305 66 Theatrical and Concert Licenses..... McAdoo..... 3,700 00 Return Trial Fees..... Merzbach..... 169 50 Commissions of Public Administrator..... Hots..... 2,325 26 Anti-toxine Fund..... Bell..... 1,020 03 Fund for Gratuitous Vaccination..... 901 10 Maintenance and improvement of Public Parks, Brooklyn Heights..... Kennedy..... 45 84 Common Land Fund, Late Town of Gravesend—Rents..... Byrnes..... 12 00 Unclaimed salaries and Wages..... Timmerman..... 155 99  Excise Taxes..... Nichol..... \$10 00 Michell..... 7,123 13 Healy..... 5,027 19 Dowling..... 311 25 6,461 57  Department of Education—General School Fund, 1904..... Reimbursement..... 1,790 35 Department of Education—Special School Fund, 1904..... Cook..... 88 16 Repaving Streets, Borough of Brooklyn..... Refund..... 2,998 12 Department of Health—Hospital Fund, 1904..... Bell..... 4,026 00 Refunding Assessments Paid in Error, Borough of Manhattan..... Commissioners Sinking Fund..... 79 53 Refunding Assessments Paid in Error, Borough of Brooklyn..... 19 56 Borough of Brooklyn Assessors—Arrears 1893..... 1,493 76 Croton Water Rent Refunding Account..... 1,655 78 3 per cent. Corporate Stock (Water Fund, Boroughs of Manhattan and The Bronx..... 22,500 00 3 per cent. Corporate Stock (Water Fund), Borough of Brooklyn..... 5,000 00 3 per cent. Corporate Stock (Water Fund), Borough of Queens..... 10,000 00 3 per cent. Corporate Stock (Water Fund), Borough of Brooklyn..... 5,000 00 3 per cent. Corporate Stock (Map or Plan First Ward, etc.), Borough of Richmond..... 5,000 00 3 per cent. Corporate Stock (Map or Plan, etc., second, third and fourth Wards, Borough of Queens..... 2,500 00 3 per cent. Corporate Stock (Construction of Webster Avenue Relief Sewer, Borough of The Bronx..... 8,500 00



1904. Oct. 31	To Revenue Bond Fund—Operating, etc., Plat, etc., New York and Westchester Water Company.....	\$23 25	1904. Oct. 31	By 3 per cent. Corporate Stock (Additional Water Fund).....	Commissioners Sinking Fund	\$65,000 00
	Revenue Bond Fund—Cleaning Sewers and Sewer Basins, Borough of Manhattan.....	3,613 80		3 per cent. Corporate Stock (Change of Grade Damage Commission, Twenty-third and Twenty-fourth Wards).....	"	3,000 00
	Revenue Bond Fund—Renovating, etc., Public Markets, Borough of Manhattan.....	598 60		4 per cent. Corporate Stock (Atlantic Avenue Improvement Fund, Borough of Brooklyn).....	"	2,500 00
	Revenue Bond Fund—Expenses for Caring for, etc., and Removing Records, etc., Kings County.....	1,380 00		3 per cent. Corporate Stock (Construction and Improvement of Toilet Facilities, City Parks), Borough of Manhattan.....	"	2,000 00
	Revenue Bond Fund—Repairs, Supplies, Extra Expenses of Transferring Convicts of Sheriff's Office, New York County.....	366 66		3 per cent. Corporate Stock (Improvement and Construction of Parks, Parkways and Playgrounds), Boroughs of Manhattan and Richmond.....	"	10,000 00
	Revenue Bond Fund—Additional Expenses, District Attorney's Office, etc.....	1,250 18		3 per cent. Corporate Stock (Improvement of Parks, Parkways and Drives), Borough of the Bronx.....	"	6,500 00
	Revenue Bond Fund—Indexing Conveyances, County Clerk's Office.....	508 33		3 per cent. Corporate Stock (Department of Health Building Fund).....	"	15,000 00
	Revenue Bond Fund—County Charge and Expenses.....	11,242 72		3 per cent. Corporate Stock (Construction and Equipment of Borough Building), Borough of Richmond.....	"	35,000 00
	Revenue Bond Fund—Expenses for Conducting Criminal Actions Against C. F. Dodge, etc.....	124 25		3 per cent. Corporate Stock (Rebuilding Retaining Wall, etc., Edgecombe Avenue, One Hundred and Forty-seventh and One Hundred and Forty-eighth Streets), Borough of the Bronx.....	"	5,000 00
	School Building Fund, Borough of Queens.....	495 00		3 per cent. Assessment Bonds (Street Improvement Fund, January 1, 1898).....	"	100,000 00
	School Building Fund, Borough of Richmond.....	255 03		3 per cent. Revenue Bonds, 1904.....	Harvey Fisk & Co.....	\$200,000 00
	School Building Fund.....	112,845 82		3 per cent. Revenue Bonds, 1904.....	Morgan & Bartlett.....	4,000,000 00
	Street Improvement Fund.....	138,140 38		3 per cent. Revenue Bonds, 1904.....	Chemical National Bank.....	250,000 00
	Sewer Inspection and Repairs, Borough of Richmond.....	8 00		3 per cent. Revenue Bonds, 1904.....	Title Guarantee and Trust Company.....	200,000 00
	Sites for Carnegie Libraries.....	10,236 60		3 per cent. Revenue Bonds, 1904.....	Fifth Avenue Trust Company.....	1,000,000 00
	Unsafe Building Fund.....	71 00		3 per cent. Revenue Bonds, 1904.....	Guarantee Trust Company.....	1,050,000 00
	Unclaimed Salaries and Wages.....	1,326 66		3 1/4 per cent. Revenue Bonds, 1904.....	Corn Exchange Bank.....	200,000 00
	Water Fund, Boroughs of Manhattan and The Bronx.....	40,599 04		3 1/4 per cent. Revenue Bonds, 1904.....	Chemical National Bank.....	500,000 00
	Water Fund, Borough of Brooklyn.....	242 22		3 1/4 per cent. Revenue Bonds, 1904.....	Fisk & Robinson.....	250,000 00
	Water Fund, Borough of Queens.....	14,131 25		3 1/2 per cent. Revenue Bonds, 1904.....	"	1,000,000 00
	Water Revenue, Borough of Brooklyn, 1904.....	70 75				
	Water Construction, Borough of Brooklyn.....	300 00				
	Water-main Fund, No. 3.....	979 60				
	Williamsburg Bridge Maintenance Fund.....	3,240 10				
	Washington Park, Town of Stapleton, and Small Park, Port Richmond, Borough of Richmond—Improvement of.....	25 00				
		\$10,772,740 76				
	1899 and Previous Years.					
	Repaving Streets and Avenues, etc.....	\$3,045 29				
	1900.					
	Department of Education—Special School Fund, Borough of Brooklyn.....	112 15				
	1901.					
	Department of Education—Special School Fund, Boroughs of Manhattan and The Bronx.....	49 49				
	Department of Education—Special School Fund, Borough of Brooklyn.....	96 60				
	1902.					
	Department of Education—Special School Fund.....	4,766 94				
	Department of Education—Special School Fund, Boroughs of Manhattan and The Bronx.....	32 50				
	1903.					
	Bellevue and Allied Hospitals.....	9 10				
	Board of City Record.....	147 93				
	Department of Education—Special School Fund—Board of Education.....	2,641 31				
	Department of Education—Special School Fund, Borough of Manhattan.....	100 04				
	Department of Education—Special School Fund—Borough of Brooklyn.....	41 73				
	Department of Water Supply, Gas and Electricity, Boroughs of Manhattan and The Bronx.....	84 45				
	Department of Water Supply, Gas and Electricity, Borough of Richmond.....	23 30				
	Police Department.....	3,248 57				
	President of the Borough of Brooklyn—Bureau of Highways.....	1,027 25				
	Interest on Revenue Bonds of 1903.....	20,275 00				
	1904.					
	Advertising.....	13,836 03				
	Armory Board, Boroughs of Manhattan and The Bronx.....	707 19				
	Armory Board, Boroughs of Brooklyn and Queens.....	230 92				
	Asylum of St. Vincent de Paul.....	708 95				
	Brooklyn Disciplinary Training School.....	2,120 27				
	Board of Assessors.....	2,67 02				
	Board of Aldermen and City Clerk.....	12,891 38				
	Bellevue and Allied Hospitals.....	13,531 14				
	Board of Building Examiners.....	642 10				
	Board of City Record.....	24,954 31				
	Board of Elections.....	700 16				
	Board of Estimate and Apportionment.....	3,091 32				
	Brooklyn Home for Consumptives.....	1,148 80				
	Coroners, Borough of Manhattan.....	5,078 82				
	Coroners, Borough of The Bronx.....	403 00				
	Coroners, Borough of Brooklyn.....	2,010 35				
	Coroners, Borough of Queens.....	1,499 99				
	Coroners, Borough of Richmond.....	933 33				
	Commissioners of Accounts.....	11,797 51				
	Civil Service Commission.....	7,514 99				
	Costs of Commitment of Insane Persons.....	31 75				
	College of The City of New York.....	25,339 97				
	City Court of New York.....	11,384 40				
	Cathedral Free Circulating Library.....	1,439 38				
	Columbus Hospital.....	704 60				
	City Magistrate's Courts, First Division.....	15,183 68				
	City Magistrate's Courts, Second Division.....	14,483 17				
	Colored Orphan Asylum and Association, etc.....	1,323 57				
	Commissioners of the Sinking Fund.....	237 70				
	Court of Special Sessions, First Division.....	8,306 11				
	Court of Special Sessions, Second Division.....	5,871 91				
	Department of Bridges, Borough of Manhattan.....	12,269 14				
	Department of Bridges, Borough of The Bronx.....	1,719 43				
	Department of Bridges, Borough of Brooklyn.....	3,937 33				
	Department of Bridges, Borough of Queens.....	4,914 44				
	Department of Bridges, Borough of Richmond.....	100 00				
	Department of Correction, Borough of Manhattan.....	43,401 86				
	Department of Correction, Borough of Brooklyn.....	7,299 46				
	Department of Education—Special School Fund—Board of Education.....	71,847 54				
	Department of Education—Special School Fund, Borough of Manhattan.....	20,134 16				
	Department of Education—Special School Fund, Borough of The Bronx.....	8,801 54				
	Department of Education—Special School Fund, Borough of Brooklyn.....	37,586 02				
	Department of Education—Special School Fund, Borough of Queens.....	9,000 37				
	Department of Education—Special School Fund, Borough of Richmond.....	1,560 00				
	Department of Education—General School Fund.....	97,832 76				
	Department of Finance.....	60,046 17				
	Department of Finance—Chamberlain's Office.....	3,003 28				
	Department of Health, Borough of Manhattan.....	31,050 48				
	Department of Health, Borough of The Bronx.....	3,426 13				
	Department of Health, Borough of Brooklyn.....	9,373 35				
	Department of Health, Borough of Queens.....	3,108 32				
	Department of Health, Borough of Richmond.....	691 66				
	Department of Parks, Boroughs of Manhattan and Richmond.....	10,400 41				
	Department of Parks, Borough of The Bronx.....	13,398 87				
	Department of Parks, Boroughs of Brooklyn and Queens.....	8,708 37				
	Department of Public Charities.....	30,042 93				
	Department of Street Cleaning—Boroughs of Manhattan and The Bronx.....	754 03				
	Department of Street Cleaning, Borough of Brooklyn.....	37,507 09				
	Department of Taxes and Assessments.....	14,473 58				
	Department of Water Supply, Gas and Electricity, Boroughs of Manhattan and The Bronx.....	42,252 23				
	Department of Water Supply, Gas and Electricity, Borough of Brooklyn.....	7,440 00				
	Department of Water Supply, Gas and Electricity, Borough of Queens.....	6,575 57				
	Department of Water Supply, Gas and Electricity, Borough of Richmond.....	629 77				
	Dominican Convent of Our Lady of the Rosary.....	6,290 74				
	Examining Board of Plumbers.....	443 33				
	Expenses of Art Commission.....	405 55				
	Fire Department, Boroughs of Manhattan and The Bronx.....	102,411 33				
	Fire Department, Boroughs of Brooklyn and Queens.....	37,508 03				
	German Odd Fellows' Home and Orphan Asylum.....	143 71				
	House of Calvary.....	495 20				
	Hebrew Infant Asylum, City of New York.....	141 57				
	House of St. Giles the Cripple.....	830 15				
	Hebrew Sheltering Guardian Society.....	638 00				
	Inspectors and Sealers of Weights and Measures.....	2,005 00				
	Interest on the City Debt.....	4,066 38				
	Interest on Revenue Bonds of 1904.....	113,087 11				
	Law Department.....	34,030 14				
	Lutheran Hospital Association, City of New York and Vicinity.....	96 00				
	Long Island College Hospital.....	873 30				
	Maternity, Long Island College Hospital.....	147 11				
	Mayrality.....	2,110 04				
	Mayorality—Bureau of Licenses.....	1,766 05				
	Municipal Courts, City of New York.....	35,077 20				
	Municipal Explosives Commission.....	210 00				
	Normal College.....	16,133 05				
	New York Infant Asylum.....	2,270 30				
	New York Juvenile Asylum.....	1,044 26				
	New York Public Library.....	18,033 40				
	New York Society for the Prevention of Cruelty to Children.....	3,333 33				
	Orphan Home, Borough of Brooklyn.....	5,182 57				
	Ozanam Home for Friendless Women.....	458 03				
	Orphan Asylum.....	8 75				
	Police Department.....	242,186 30				
	President of the Borough of Manhattan—Bureau of Buildings.....	19,630 20				
	Bureau of Engineer of Street Openings.....	2,508 33				



1904. Oct. 31	To President of the Borough of Manhattan—		1904. Oct. 31	By Borough of Brooklyn—	
	Bureau of Highways.....	\$19,470 68		Water Rents.....	McGuire.....
	Bureau of Incumbrances and Permits.....	1,976 50		Water Revenue.....	".....
	Bureau of Public Baths and Public Comfort Stations.....	1,906 50		Restoring and Repaving.....	Brackenridge.....
	Bureau of Public Buildings and Offices.....	20,410 25		Street Incumbrance Fund.....	Woodbury.....
	Bureau of Sewers.....	4,838 70		Sundry Licenses.....	Griffin.....
	General Administration.....	6,005 07		Arrears of Taxes, 1897, etc.....	Collector of Assessments..
	President of the Borough of The Bronx—			Arrears of Taxes, County Towns.....	".....
	Bureau of Highways.....	13,437 85		Interest on Taxes, etc.....	".....
	Bureau of Public Baths and Public Comfort Stations.....	15 00		Interest on Twenty-sixth Ward Bonds.....	".....
	Bureau of Public Buildings and Offices.....	815 75		Interest on Interest on Twenty-sixth	".....
	Bureau of Sewers.....	2,586 53		Ward Bonds.....	".....
	Topographical Bureau.....	204 75		Eight Ward Improvement Fund—In-	".....
	President of the Borough of Brooklyn—			stallments.....	".....
	Bureau of Buildings.....	11,880 57		Sewerage Fund—Laws of 1892 and 1894	".....
	Bureau of Highways.....	20,393 76		Twenty-sixth Ward—Main Sewer—	".....
	Bureau of Incumbrances and Permits.....	1,692 85		Full Payments.....	".....
	Bureau of Public Buildings and Offices.....	19,299 60		Twenty-sixth Ward—Street Improve-	".....
	Bureau of Sewers.....	8,051 03		ment Fund—Installments.....	".....
	Topographical Bureau.....	4,085 24		Assessment Fund.....	".....
	General Administration.....	4,794 58		Opening and Grading Assessments,	".....
	President of the Borough of Queens—			Thirty-first Ward.....	".....
	Bureau of Buildings.....	2,350 50		Assessments for Local Improvements,	".....
	Bureau of Highways.....	12,473 56		Town of New Lots—Installments....	".....
	Bureau of Public Buildings and Offices.....	20 00		Assessments for Local Improvements,	".....
	Bureau of Sewers.....	2,863 80		Town of New Lots—Full Payments....	".....
	Bureau of Street Cleaning.....	3,192 43		Interest on Assessments.....	".....
	General Administration.....	2,125 81		Opening and Widening Streets.....	".....
	Topographical Bureau.....	5,674 35		Interest on Assessments—Opening and	".....
	President of the Borough of Richmond—			Widening Streets.....	".....
	Bureau of Buildings.....	1,271 33		Advertising Sales.....	".....
	Bureau of Highways.....	2,798 34		Arrears of Water Rents, 1897, etc....	".....
	Bureau of Public Buildings and Offices.....	52 00		Interest on Water Rents, 1897, etc....	".....
	Bureau of Sewers.....	486 23		Borough of Queens—	
	Bureau of Street Cleaning.....	1,542 23		Sundry Licenses.....	Smith.....
	Topographical Bureau.....	185 30		Water Rents.....	Creed.....
	General Administration.....	420 66		Restoring and Repaving.....	Bernel.....
	Queens Borough Library.....	1,202 58		Long Island City:	Collector of Assessments..
	Rents.....	2,153 17		Arrears of Taxes.....	".....
	Redemption of the City Debt.....	410 66		Interest on Taxes.....	".....
	Roman Catholic House of the Good Shepherd.....	1,226 83		Arrears of Water Rents.....	".....
	Roman Catholic Orphan Asylum Society.....	9,574 29		Interest on Water Rents.....	".....
	St. Ann's Home for Destitute Children.....	2,357 42		Assessments for Local Improvements	".....
	St. Agatha's Home for Children.....	5,141 82		Interest on Assessments.....	".....
	St. Michael's Home.....	1,705 75		Sales for Arrears of Taxes.....	".....
	Society of the Lying-in Hospital of The City of New York.....	4,000 94		Interest on Sales for Arrears of Taxes.	".....
	S. R. Smith Infirmary.....	1,258 71		Advertising Charges in Sales.....	".....
	Salaries—General Interpreters, Borough of Brooklyn.....	1,075 01		General Improvement Commission.	".....
	Tenement House Department.....	1,520 27		Long Island City—First Installment	".....
	Washington Square Home for Friendless Girls.....	169 21		General Improvement Commission,	".....
	New York County.			Long Island City—First Installment	".....
	Armories and Drill-rooms.....	9,073 50		Interest.....	".....
	Board of City Record.....	1,180 43		General Improvement Commission	".....
	County Clerk.....	7,970 41		Long Island City—Full Payment....	".....
	Commissioner of Jurors.....	3,435 11		Town of Newtown:	
	Court of General Sessions.....	15,252 50		Arrears of Taxes.....	".....
	District Attorney.....	19,068 94		Interest on Taxes.....	".....
	Fees of Witnesses, etc.....	5,000 00		Arrears of School Taxes.....	".....
	Public Administrator.....	1,931 63		Interest on School Taxes.....	".....
	Preservation of Public Records, County Clerk's Office.....	1,197 88		Sales for Arrears of Taxes.....	".....
	Preservation of Public Records, Register's Office.....	849 97		Interest on Sales for Arrears of Taxes	".....
	Preservation of Public Records, Surrogate's Office.....	925 00		Town of Flushing:	
	Supreme Court, First Department.....	58,427 37		Arrears of Taxes.....	".....
	Rents.....	2,400 00		Interest on Taxes.....	".....
	Register.....	10,060 33		Village of Flushing:	
	Sheriff.....	8,879 73		Arrears of Taxes.....	".....
	Surrogate's Court.....	12,249 86		Interest on Taxes.....	".....
	St. Joseph's Institution for the Improved Instruction of Deaf Mutes....	7,249 02		Village of Whitestone:	
	Kings County.			Arrears of Taxes.....	".....
	Armories and Drill-rooms.....	6,510 00		Interest on Taxes.....	".....
	Board of City Record.....	542 52		Town of Jamaica:	
	County Clerk.....	5,169 78		Sales for Arrears of Taxes.....	".....
	County Court.....	9,435 42		Interest on Sales for Arrears of Taxes	".....
	Commissioner of Jurors.....	2,414 31		Village of Jamaica:	
	District Attorney.....	6,539 95		Arrears of Taxes.....	".....
	Register.....	10,096 77		Interest on Taxes.....	".....
	Supreme Court, Second Department.....	16,978 53		Town of Hempstead:	
	Sheriff.....	9,310 33		Tax Arrears—Commissions.....	".....
	Surrogate's Court.....	5,074 52		Interest on Tax Arrears—Commissions	".....
	Queens County.			Village of Rockaway Beach:	
	Board of City Record.....	54 87		Arrears on Taxes.....	".....
	Commissioner of Jurors.....	350 00		Interest on Taxes.....	".....
	District Attorney.....	1,366 06		Borough of Richmond—	
	Surrogate's Court.....	1,266 65		Water Rents.....	Oakley.....
	Sheriff.....	806 61		Restoring and Repaving.....	Cromwell.....
	Richmond County.			Sewer Inspection and Repairs.....	".....
	Board of City Record.....	41 94		Sundry Licenses.....	Woelfle.....
	Commissioner of Jurors.....	402 15		State, Town and County Taxes:	Collector of Assessments..
	District Attorney.....	456 66		Northfield.....	".....
	St. Joseph's Institution for the Improved Instruction of Deaf Mutes....	15 08		Castleton.....	".....
	Sheriff.....	29 40		School Taxes—Twenty-nine Districts.	".....
				Interest on Taxes.....	".....
	Balance.....				
		</			



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Dr.		THE CITY OF NEW YORK, <i>in account with</i> PATRICK KEENAN, Chamberlain, during the week ending October 31, 1904.				Cr.	
1904 Oct. 31	To Witness Fees, New York County .....	\$741 04		1904 Oct. 22	By Balance, Witness Fees, New York County .....	\$284 67	
	Witness Fees, Richmond County .....	3 42			Balance, Witness Fees, Queens County .....	520 40	
			\$744 46		Balance, Witness Fees, Richmond County .....	198 12	
	Balances, New York County .....	\$1,543 63		" 31	Witness Fees, New York County .....		\$1,000 19
	Balances, Queens County .....	520 40					5,000 00
	Balances, Richmond County .....	194 70					
			5,258 73				
			\$6,003 19				\$6,003 19
				Oct. 31, 1904	By Balance .....		\$5,258 73
E. & O. E., F. W. SMITH, Bookkeeper.				PATRICK KEENAN, City Chamberlain.			

DR.

THE CITY OF NEW YORK, in account with PATRICK KEENAN, Chamberlain, during the week ending October 31, 1904.

CR.

1904. Oct. 31	To Jury Fees—New York County.....	\$4,324 00		1904 Oct. 22	By Balance, Jury Fees, New York County.....	\$48,859 00	
	Jury Fees—Kings Co nty.....	1,884 00			Balance, Jury Fees, Kings County.....	13,542 00	
	Jury Fees—Que ns County .....	82 00			Balance, Jury Fees, Queens County .....	1,402 80	
	Jury Fees—Richmond County.....	28 30	\$6,318 30		Balance, Jury Fees, Richmond County.....	570 74	\$64,74 54
	Balance, New York County .....	\$14,535 00					
	Ba ance, Kings County .....	11,658 00					
	Balance, Queens County .....	1,320 80					
	Balance, Richmond County....	542 44					
			58,056 24				
			\$61,374 54				\$64,374 54

Oct. 31, 1904. By Balance .....

\$58,056 24

E. & O. E., F. W. SMITH, Bookkeeper.

PATRICK KEENAN, City Chamberlain.

DR.		THE CITY OF NEW YORK, in account with PATRICK KEENAN, Chamberlain, during the week ending October 31, 1904.		CR.	
1904. Oct. 31	To Interest Registered..... Balance .....	\$1,530 07 32,692 60 \$36,322 67	1904 Oct. 22 " 31	By Balance ..... Interest Registered.....	\$36 054 52 267 75 \$36,322 67
			Oct. 31, 1904	By Balance .....	\$32,692 60
E. & O. E., F. W. SMITH, Bookkeeper.			PATRICK KEENAN, City Chamberlain.		

## BOROUGH OF BROOKLYN.

REPORT OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN FOR THE  
WEEK ENDING NOVEMBER 26, 1904.

COMMISSIONER OF PUBLIC WORKS.

## BUREAU OF PUBLIC BUILDINGS AND OFFICES.

During the week ending November 26, 1904, 40 orders—24 for supplies and 16 for repairs—were issued by the Bureau of Public Buildings and Offices.

Bills aggregating \$3,640 98 were signed and forwarded to the Commissioner for transmission to the Department of Finance.

## BUREAU OF INCUMBRANCES AND PERMITS.

*Complaint Department.*

Complaint Department	
Bureau of Complaints	1
Mail	5
Office	7
Inspectors	12
Police Department	7
<b>Total</b>	<b>32</b>



## Specials—

Relay flags.....	40
Material on street.....	14
Open street for water service.....	6
Stands inside stoop line.....	4
Erect regulation storm doors.....	4
Erect steam hoisting apparatus.....	3
Repairs to awning.....	3
Cross walk to cart in.....	2
Tar kettles.....	2
Dig out walks and fill in with ashes.....	2
String banner across walk.....	1
Construct iron stairway.....	1
Construct iron fence.....	1
Open street to repair water pipe.....	1
Fill in dirt road.....	1
Open walk to plant trees.....	1
Temporary barrier across walk.....	1
Repairs to vault lights.....	1
Total.....	88

Total..... 241

## Permits Passed—

Tap water pipes.....	59
Repair water connections.....	70
Sewer connections.....	106
Sewer connection repairs.....	16
Total.....	251

## Cashier's Department.

Moneys Received—	
Re-paving over water connections.....	\$635 00
Re-paving over sewer connections.....	268 00
Re-paving over gas connections.....	352 40
Extra paving.....	3 78
Total.....	\$1,259 18

## BUREAU OF SEWERS.

Superintendent's Office, Borough of Brooklyn, November 28, 1904.

	NUMBER OF.	AMOUNT.	APPROPRIATIONS.	FUNDS.
<i>Moneys Received.</i>				
For sewer permits.....	141	\$1,610 00		
Number of permits issued.....	123			
For new sewer connections.....	18			
For old sewer connections (repairs).....				
Requisitions drawn on Comptroller.....	4	\$6,375 97		\$4,322 11
Linear feet of sewer built, 90 inch to 166 inch.....	282			
Linear feet of sewer built, 24 inch to 90 inch.....	796			
Linear feet of pipe sewer built.....	3,642			
Total number of feet sewer built.....	4,720			
Number of manholes built.....	25			
Number of basins built.....	17			
Number of basins repaired.....	7			
Linear feet of pipe sewers cleaned.....	21,850			
Linear feet of sewers examined.....	58,945			
Number of basins cleaned.....	341			
Number of basins examined.....	702			
Manhole heads and covers set.....	2			
Manhole heads and covers re-set.....	5			
Manhole covers put on.....	4			
Number of basin pans set.....	1			
Number gallons sewage pumped, Twenty-sixth Ward.....	63,592,326			
Number gallons sewage pumped, Thirty-first Ward.....	31,503,74			
Cubic feet sludge pumped, Twenty-sixth Ward.....	48,296			
Cubic feet sludge pumped, Thirty-first Ward.....	14,107			

## Laboring Force Employed during the Week.

	INSPECTORS OF CONSTRUCTION.	FOREMEN.	MECHANICS.	LABORERS.	HORSES AND CARTS.
Sewer repairing and cleaning—Pay-rolls and Supplies.....	8	2	49	19	
Street Improvement Fund.....	48		2		
Twenty-sixth Ward Disposal Works.....			10		
Thirty-first Ward Disposal Works.....		2		13	

## BUREAU OF HIGHWAYS.

## Division of Street Repairs.

## Force Employed on Repairs to Street Pavements—

Mechanics.....	53
Laborers.....	117
Horses and wagons.....	20
Foremen.....	18
Horses and carts.....	30
Teams.....	22

## Work Done by Connection Gangs—

Water and sewer connections repaired.....	92
Gas connections repaired.....	48
Dangerous holes repaired and made safe.....	64
Complaints received.....	53
Defects remedied.....	67

## Work Done by Repair Gangs—

Putnam avenue, between Broadway and Bushwick avenue, 766 yards cobblestone.	
Twentieth street, between Fifth and Sixth avenues, 285 yards cobblestone.	
Waverly avenue, between Myrtle and Flushing avenues, 379 yards cobblestone.	
Forty-ninth street, between Second and Third avenues, 308 yards cobblestone.	
St. Andrews place and Herkimer street, 210 yards cobblestone.	
Hudson avenue, between Johnson and Nassau streets, 1,410 yards granite block.	
Crecent street, between Atlantic avenue and Fulton street, 788 yards belgian block.	
Elton street, between Arlington and Ridgewood avenues, 461 yards belgian block.	
Square yards pavement repaved by connection gangs.....	820
Square yards concrete mixed and laid.....	275
Cubic yards stone crushed.....	211
Total number of square yards of pavement repaired.....	5,427
Linear feet of curbing reset.....	368
Square feet of bridging relaid.....	302
Square feet of flagging relaid.....	4,507
Square feet of cement walk repaired.....	2,198

## Force Employed on Macadam and Unimproved Roadways—

Steam rollers.....	2
Mechanics.....	2
Laborers.....	42

Horses and wagons.....	8
Teams.....	15
Sprinklers.....	7
Horses and carts.....	18
Foremen.....	7

Macadam roadway cleaned, linear feet.....	16,840
Dirt roadway repaired and cleaned, linear feet.....	850
Gutter cleaned, linear feet.....	34,350

## Repairs Made to Macadam Roadways—

Kings Highway, between Flatbush avenue and Eastern parkway.....	Square yards. 900
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Pay-rolls for week ending November 26, 1904.....	\$6,886 66
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## Operations of the Bureau of Buildings, Borough of Brooklyn, for the Week ending November 26, 1904.

Plans filed for new buildings (brick); estimated cost, \$423,700.....	53
Plans filed for new buildings (frame); estimated cost, \$188,985.....	55
Plans filed for alterations; estimated cost, \$21,610.....	46
Building slip permits issued; estimated cost, \$4,705.....	72
Plumbing slip permits issued; estimated cost, \$6,045.....	68
Bay window permits issued; estimated cost, \$6,735.....	24
Unsafe cases filed.....	12
Violation cases filed.....	74
Unsafe notices issued.....	12
Violation notices issued.....	74
Complaints received.....	46

## Operations of the Bureau of Buildings, Borough of Brooklyn, for Corresponding Week ending November 28, 1903.

Plans filed for new buildings (brick); estimated cost, \$283,200.....	31
Plans filed for new buildings (frame); estimated cost, \$161,235.....	46
Plans filed for alterations; estimated cost, \$15,290.....	28

Respectfully submitted,

MARTIN W. LITTLETON,  
President Borough of Brooklyn.

## POLICE DEPARTMENT.

New York, November 25, 1904.

The following proceedings were this day directed by Police Commissioner William McAdoo:

Referred to the Chief Inspector.

Application of Unique Vaudeville Company, for appointment of Chas. W. Phillips as Special Patrolman.

Application of James H. Curtin, London Theatre, for appointment of Joseph Cook as Special Patrolman.

Approved.

Application of Captain John J. Lantry, Twenty-fourth Precinct, for transfer of Patrolmen Edward J. O'Connor, Twenty-fourth Precinct, to another precinct, and James Foley, Twelfth Precinct, to his command.

Referred to the Third Deputy Commissioner.

Petition for pension of Annie L. Coughlin, widow of Daniel S. Coughlin.

Referred to the Bookkeeper.

Application of Kate O'Neill to collect balance of pension due Estate of Francis O'Neill. To make payment on receipt of proper release and proof of identity.

Chief Clerk to Answer.

Abraham & Straus, asking for record of Robert M. Harkin and David Hughes.

Masquerade Ball Permits Granted.

L. Klein, Lenox Assembly Rooms, Manhattan, November 26, fee \$10.

Jos. Auer, Webster Hall, Manhattan, November 26, fee \$25.

G. G. Griffin, same place, December 3, fee \$25.

Annie Peters, Beethoven Hall, Manhattan, November 26, fee \$25.

S. Klieger, Grand American Hall, Manhattan, November 26, fee \$10.

H. Gross, Grand Irving Palace, Manhattan, November 28, fee \$10.

J. J. Shannon, New Star Casino, Manhattan, November 26, fee \$25.

C. Schnoor, Metropolitan Park, Queens, November 26, fee \$10.

Concert License Granted.

Jacob Pudles, Eldridge Jewish Concert Hall, No. 133 Eldridge street, Manhattan, December 4, 1904, to March 4, 1905; fee \$150.

Referred to the Chief Inspector (additional).

Application of Manhattan Protective Company, for appointment of William H. Stromberg and Thomas J. Thorsten as special patrolmen.

Application of Richard Tillman for appointment of Harry K. Shellman as Special Patrolman.

Application of Hugo Lederer for appointment of Michael Tandlich as Special Patrolman.

Application of Tiffany Studios for appointment of George Faust as Special Patrolman.

Referred to the Third Deputy Commissioner (additional).

Communication from Ina A. Winfield, asking that she be granted a pension.

Special Patrolman Appointed.

Isaac Kemp for Morris Somach, Grand Irving Palace, Manhattan.

Full Pay Granted.

Patrolman George J. Kettler, Twenty-fourth Precinct, October 22 to November 13, 1904.

Patrolman Frank L. Carey, Seventh Precinct, September 8 to October 31, 1904.

Patrolman Cornelius M. O'Keefe, Sixtieth Precinct, September 16 to October 22, 1904.

Ordered, That the Bureau of Repairs and Supplies, through the Third Deputy Commissioner, be directed to make necessary preparation in the new Seventy-fifth Precinct Police station-house for sleeping accommodations for men of the Seventy-fifth Precinct who are now accommodated at No. 86 Fourth street, Long Island City, and to give especial direction that such premises shall not be occupied for any purpose by the Police Department after November 30, 1904, the time when the lease thereof expires.

On File.

Reports from precincts in Manhattan, The Bronx and Richmond, under Rule 49, paragraph 7, relative to places of amusement.

Report of Sergeant William Delaney, Fifth Court, relative to arrest of Roundsman George Bobel, Tenth Precinct, on charge of abandoning his wife.

Acknowledgment from Merchants' Association of New York, of receipt of copy of report and order issued relative to throwing refuse in the streets.

The following transfers, etc., were ordered by the Commissioner, to take effect 4 P. M., the 23d inst.:

Patrolman Matthew J. O'Donnell, from Third Precinct to Eighteenth Precinct, remanded from license duty.

Patrolman Francis J. Kiernan, from Third Precinct to Eighteenth Precinct, remanded from license duty.

In effect 12 noon, the 23d inst.:

Patrolman Joseph T. Dermody, Eighth Precinct, temporarily assigned to telephone table.

In effect 4 P. M., the 24th inst.:

Patrolman Edward F. X. McDonald, from Twelfth Precinct to Twentieth Precinct.

In effect 8 A. M., the 25th inst.:

Patrolman John L. Brill, from Twenty-seventh Precinct to Third Precinct, for duty regulating traffic, Columbus Circle.



Patrolman James P. Murphy, from Twelfth Precinct to Third Precinct, for duty Broadway and White street.

Patrolman Thomas E. Rossiter, from Sixty-second Precinct to Third Precinct, for duty regulating traffic, Brooklyn.

Patrolman Alvert W. Smith, from Third Precinct to Twelfth Precinct, remanded from crossing Broadway and White street.

Patrolman William Powers, from Twentieth Precinct to Nineteenth Precinct, for duty Broadway and Thirty-eighth street.

Patrolman John J. Kelly, from Fifty-first Precinct to Forty-eighth Precinct, for duty public bath on Hicks street.

Mounted Patrolmen transferred to the Third Precinct, to assist in regulating traffic, Borough of Brooklyn:

Patrolman John A. Wholey, Thirty-eighth Precinct.

Patrolman Patrick F. Casey, Seventy-third Precinct.

Patrolman Edward J. O'Connor, Seventy-third Precinct.

Patrolman John A. Darrow, Seventy-fourth Precinct.

Patrolman John McAuliffe, Seventy-seventh Precinct.

Patrolman Henry E. Slott, Fifty-third Precinct.

Patrolman John J. O'Hara, Seventy-third Precinct.

Patrolman John C. Rutherford, Seventy-third Precinct.

Patrolman Charles A. Richards, Seventy-seventh Precinct.

Patrolman Edward F. Freese, Seventy-seventh Precinct.

Patrolmen transferred and assigned to mounted duty:

Patrolman William H. Hoeft, from Nineteenth Precinct to Seventy-fourth Precinct.

Patrolman Lawrence J. Donohue, from Forty-third Precinct to Seventy-third Precinct.

Patrolman David J. Murphy, from Forty-ninth Precinct to Seventy-third Precinct.

Patrolman Hugh A. Maxwell, from Fifty-fourth Precinct to Seventy-seventh Precinct.

Patrolman James J. Lynch, from Sixty-third Precinct to Seventy-seventh Precinct.

Patrolman Arthur F. Keefe, from Nineteenth Precinct to Thirty-eighth Precinct.

Patrolman William P. Holland, from Forty-fourth Precinct to Seventy-third Precinct.

Patrolman Stephen W. King, from Fifty-second Precinct to Seventy-third Precinct.

Patrolman James Crozier, from Fifty-fourth Precinct to Seventy-seventh Precinct.

Patrolman William J. Keys, from Seventy-first Precinct to Fifty-third Precinct.

Sergeant John Yost, from Fifty-fifth Precinct to Third Precinct, regulating street traffic in Brooklyn.

Ordered, That the proceedings of November 23, 1904, asking the Commissioners of the Sinking Fund to authorize the Police Commissioner to establish, etc., premises on the north side of Fifth street, 150 feet east of Vernon avenue, Long Island City, Borough of Queens, as a station-house for the Seventy-fifth Police Precinct, be amended to read as follows:

Ordered, That, in pursuance of the provisions of section 320 of the Greater New York Charter, the Commissioners of the Sinking Fund be and are hereby respectfully requested to authorize the Police Commissioner to establish, provide and furnish premises on the northerly side of Fourth street, 100 feet westerly of Vernon avenue, Long Island City, Borough of Queens, as a station-house for the Seventy-fifth Police Precinct, for the accommodation thereof of members of the Police Force, and as a place of temporary detention for persons arrested and property taken within the said Precinct, and also provide and furnish such business accommodations, apparatus and articles, and provide for the care thereof, as shall be necessary for the Department of Police and the transaction of the business of the Department therein.

The following transfers, etc., were ordered by the Commissioner, to take effect 4 p. m. the 25th inst.

Roundsman Anson H. Weeks, Twenty-seventh Precinct, temporarily assigned to the Third Precinct, with horse and equipments.

Roundsman Henry W. Hatton, Seventy-second Precinct, temporarily assigned to the Third Precinct, with horse and equipments.

Patrolman Reuben C. Connor, Forty-ninth Precinct, temporarily assigned to the Third Precinct.

In effect 4 p. m. the 26th inst.:

Patrolman Edward J. O'Connor, from Twenty-fourth Precinct to Twelfth Precinct.

Patrolman James Foley, from Twelfth Precinct to Twenty-fourth Precinct.

WM. H. KIPP, Chief Clerk.

#### POLICE DEPARTMENT.

New York, November 28, 1904.

The following proceedings were this day directed by Police Commissioner William McAdoo:

Approved.

Application of Patrolman Selig Whitman, Thirty-second Precinct, for permission to participate in entertainment for benefit of Police Band, on the evening of December 6, 1904.

Application of Captain Michael Devaney, Fourth Precinct, for transfer of Patrolman Joseph Roberts, Fifty-first Precinct, to the Fourth Precinct, for duty in plain clothes.

Application of Captain Francis J. Kear, Sixth Precinct, for assignment of Patrolman Walter J. Corbett to duty in plain clothes.

Application of Captain James McGlynn, Thirty-first Precinct, for transfer of Patrolman James McLaughlin, Thirty-first Precinct, to another precinct.

Recommendation of Captain Henry W. Burfeind, Thirty-eighth Precinct, relative to dividing Post No. 10 and thereby creating an additional post.

Applications of Captain Stephen O'Brien, Third Precinct, for the transfer of certain Patrolmen to and from his command.

Recommendation of Second Deputy Commissioner Thomas F. Farrell, relative to transfer of Matrons Nellie V. Reardon, Sixty-second Precinct to Seventy-sixth Precinct; Ellen M. Joyce, Seventy-fifth Precinct to Sixty-second Precinct, and Mary E. Smith, Seventy-ninth Precinct to Seventy-fifth Precinct.

Recommendation of Second Deputy Commissioner Thomas F. Farrell, relative to transfer of Roundsman Michael W. Fleming, Sixty-sixth Precinct to Sixty-second Precinct.

Referred to the Chief Inspector.

Application of Brooklyn Rapid Transit Company for appointment of Frank Cooley as Special Patrolman.

Application of Herman Fromme for appointment of Edward Van Wart as Special Patrolman.

Application of Charles Daly for appointment of Edwin Booth as Special Patrolman.

Application of David Friedman for appointment of John Marzonoky as Special Patrolman.

Application of Joseph Goss for appointment of William Sheridan as Special Patrolman.

Application of Archibald & Adeo for appointment of Edward Maher as Special Patrolman.

Communication from Mutual Life Insurance Company asking that two men be recommended to them for the position of Special Patrolman.

Communication from Matthew G. Fullman commending Roundsman Busby, Forty-fourth Precinct, for stopping a runaway horse. For report.

Communication from Henry Zang commending Officers Corr and Powers, Sixth Precinct, for making an arrest. For report.

Communication from Department of Bridges, Brooklyn, asking that the officers stationed on the north footwalk of Williamsburg Bridge be detailed to Manhattan end of bridge during December, January and February.

Communication from Patrick J. Keegan, forwarding bill for damages to his hands, caused by collision with patrol wagon of the Sixteenth Precinct. For report.

Communication from Hon. Thomas C. T. Crain, Tenement House Commissioner, forwarding blank form of report relative to lighting of halls in tenement houses. For report.

Communication from Committee for Prevention of Tuberculosis, of Charity Organization Society, relative to sending pamphlets for distribution to members of the force, and asking whether lectures on first aid to injured are given to the force. To obtain report from President Board of Surgeons and forward same, together with his own report, as to practicability of complying with request.

Communication from Mrs. Annie Smith, asking how to proceed to receive a pension and relief from Riot Relief Fund. For report in detail as to circumstances of death, financial condition of family, etc.

Referred to the Second Deputy Commissioner.

Communication from Department of Bridges, Brooklyn, asking that coal be delivered for heating premises No. 193 Broadway, Brooklyn. Calling attention to order of October 22, 1904, relative thereto.

Report of Captain Christian Reimels, Sixty-sixth Precinct, relative to death of Patrolman James W. Devens, of his command. For report in detail of all circumstances connected with the death of the officer, financial condition of family, etc.

Application for retirement of Patrolman George F. Golden, Sixty-second Precinct. Returned through the Second Deputy Commissioner, disapproved. Officer has not served 25 years.

Referred to the Third Deputy Commissioner.

Communication from W. M. Fleischmann relative to livery of horses attached to Thirty-eighth Precinct. For report.

Communication from Department of Finance asking information relative to extra work on steamer "Patrol." For report.

Communication from William B. Stambaugh, asking that he be given contract for repairing and inspecting of time clocks in use by this Department. For report.

Memorandum relative to new boilers for steamer "Patrol" and relative to appointing Mr. Gardner to oversee repairs to one of the steam launches. For report as to proposal of Mr. Gardner to oversee repairs to one of the steam launches.

Petition for pension of Rose O'Keefe, widow of John M. O'Keefe.

Referred to the Auditor.

Communication from Thomas G. Carlin, forwarding final payment certificate from R. Thomas Short, architect for new station-house for Seventy-fifth Precinct, amounting to \$17,932.

Chief Clerk to Answer.

Richard Doherty, asking to be paid for time lost while on Police Force.

Frederick Kirchner, asking for copy of Rules and Regulations and annual report of Police Department.

On reading and filing statement of N. R. Sutphen, general manager of the Electric Launch Company, contractors for making, completing and delivering three steam launches for the Police Department of The City of New York, under contract made and executed August 30, 1904, and report thereon of Mr. William Gardner, designated as Superintendent of such work.

Ordered, That the time for the completion of the work under such contract be extended to December 16, 1904, it being understood, however, under the terms of such contract, that such extension of time beyond the date fixed therein for the completion of the work shall not be deemed to be a waiver by the Commissioner of the right to abrogate such contract for abandonment or delay in the manner provided for therein.

On reading and filing report of M. R. Brennan, Superintendent of Telegraph,

Ordered, That permission be and is hereby granted to the New York Telephone Company to place a small lead-encased telephone cable on the Police Department property at No. 94 Charles street, said cable to enter northeast corner of area through a 3-inch iron pipe, pass along area wall into and through cellar and out into rear court at No. 221 West Tenth street, cable and terminal box to be attached to rear building wall; such work to be done without expense to the Police Department and under the direction of the Superintendent of Telegraph.

On reading and filing communication from Brooklyn Rapid Transit Company, stating that the services of John Mulvihill, Samuel Caskey, James Clarke, J. H. Dickman, John Doran, H. W. Gallagher and H. W. Kershaw have been dispensed with as special patrolmen.

Ordered, That the appointments of such persons be and are hereby revoked, and that the Brooklyn Rapid Transit Company be requested to return to the Chief Clerk the shields in order that they may be reissued to the persons appointed in their places as special officers for said company.

Notice of Death.

Patrolman James W. Devens, Sixty-sixth Precinct, 10.30 p. m., the 25th inst.

Patrolman John B. Smith, Twenty-sixth Precinct, 9.45 p. m., the 22d inst.

Granted.

Request of Klein, Kammerlohr & Henschel, to be furnished with a copy of testimony taken at examination of Officer Kelliher on October 18, 1904. Under usual conditions.

Full Pay Granted.

Roundsman Alonzo P. Cooper, Eightieth Precinct, September 13 to October 31, 1904.

Hostler John McDonald, Eightieth Precinct, October 11 to November 14, 1904.

Patrolman Joseph Hempstead, Fifty-second Precinct, October 15 to 24, 1904.

Granted (Additional).

Application of Patrolman George E. Kingston, Eleventh Precinct, to be reimbursed to the amount of \$5 for damage to uniform overcoat.

Referred to Chief Clerk for Report.

Communication from Hon. George B. McClellan, Mayor, asking for a summary, giving generally the work done in the Police Department during the year, together with a general statement as to conditions now existing.

The following bids were this day opened and read for furnishing and delivering five single patrol wagons and one open body builder's (delivery) wagon for the Police Department of The City of New York:

I. S. Rensen Manufacturing Company.....	\$2,558 00
Michael J. Kneuer.....	1,999 00
Peters & Heins.....	2,197 50

—and referred to the Chief Clerk for report.

Masquerade Ball Permits Granted.

A. Weiser, Grand Irving Palace, Manhattan, November 26; fee, \$10.

W. Oepker, Manhattan Lyceum, Manhattan, November 26; fee, \$25.

J. J. Lutz, Teutonia Hall, Brooklyn, November 25; fee, \$10.

H. Gottschalk, Labor Lyceum, Brooklyn, December 17; fee, \$10.

A. Winkopp, Schwaben Hall, Brooklyn, November 26; fee, \$10.

E. Zielinski, Saengerbund Hall, Brooklyn, November 26; fee, \$10.

J. J. Carroll, Saengerbund Hall, Brooklyn, December 6; fee, \$10.

W. Flatz, Ebling's Casino, The Bronx, November 26; fee, \$25.

R. Renner, Ebling's Casino, The Bronx, December 3; fee, \$25.

Disapproved.

Application of A. V. Prenzle for appointment as Special Patrolman at Salvation Army Slum Post, No. 98 Cherry street, Manhattan.

Special Patrolmen Resigned.

Charles L. Denkert, employed by Haley & Keegan, Brooklyn.

David Beadle, employed by United Dressed Beef Company, Manhattan.

Robert G. Hopp, employed by W. J. Behrens, Manhattan.

Edward Maher, employed by Conrad Ranft, Manhattan.

Special Patrolmen Appointed.

Charles Whitmore, for Frederick Loeser & Co., Brooklyn.

Joseph H. Nostrand, for John E. Kramer, Brooklyn.

Joseph St. Spirit, for Anton Oberle, Brooklyn.

Henry Payton, for Corse Payton Amusement Company, Brooklyn.

George Myers, for Mills Brothers, Brooklyn.

Thomas L. Smith and Charles Schecker, for Tebo Yacht Basin Company, Brooklyn.

Charles Dick, for Broadway Savings Institution, Manhattan.

C. W. Perry, Charles W. Dorman and G. Stevens, for Brooklyn Heights Railroad Company, Brooklyn.

Leave of Absence Granted.

Captain Edward J. Kenny, Fifty-second Precinct, 20 days' vacation.



## On File, Send Copy.

Resolutions adopted by the Board of Estimate and Apportionment on November 18, 1904, viz.:

1. Determining that no bonds shall hereafter be authorized under the provisions of section 47 of the Greater New York Charter, for the betterment of public buildings unless there is presented to the Board a statement in detail of the purposes for which the money is to be expended.

2. Transferring from the following appropriations for the year 1904 the sum of \$36,450.01 to the appropriation entitled Supplies for Police, viz.:

Police Station-houses, Alterations, Fitting up, etc.....	\$15,000 00
Extra Telephone and Telegraph Supplies.....	9,450 01
Contingent Expenses, Central Department, and Station-houses.....	12,000 00

Send copy of resolution No. 2 to the Third Deputy Commissioner, to the Book-keeper and to the Auditor.

Report of Captain James G. Reynolds, Forty-fourth Precinct, on communication from James Rowland, complaining of gang of rowdies infesting Seventh avenue, between Eighth and Ninth streets, Brooklyn.

Report of Captain John J. McNally, Second Precinct, on communication from C. B. Phipard, calling attention that Leumann's Hotel, No. 51 Greenwich street, shelters immigrants without boarding house license.

Report of Chief Inspector Moses W. Cortright, on communication from Tenement House Department, relative to Police requiring the production of certificates for certain work.

## On File.

Communication from William Gardner, relative to installation of new boilers in steamer "Patrol."

Acknowledgment from Borough President John F. Ahearn of receipt of communication relative to placing signs marked "Go slowly here."

Communication from S. I. Kimball, General Superintendent, Treasury Department, stating that he has forwarded by express a gold medal to be presented to Patrolman Michael J. Coyne, Thirtieth Precinct.

Report of Captain Michael Naughton, Eightieth Precinct, on petition of Rev. James P. Byrnes and others for the stationing of a Patrolman at Greenridge, Staten Island.

Communication from F. B. Harbottle, relative to report of Captain Condon on condition in the Fiftieth Precinct.

Report of Captain Christian Reimels, Sixty-sixth Precinct, relative to injury to Officers from the overturning of patrol wagon.

Acknowledgment from Jay & Chandler of receipt of communication relative to evidence in case of McAvoy vs. New York Herald Company.

Acknowledgment from Clarence E. Melleney, Associate City Superintendent of Schools, of receipt of communication relative to conditions at "The Farm."

Acknowledgment from Hoppin, Koen & Huntington of receipt of communication from D. R. Wood & Co.

The following transfers, etc., were ordered by the Commissioner to take effect 8 A. M., the 29th inst.:

## Mounted Duty.

Patrolman Frank McNulty, from Ninth Precinct to Twenty-seventh Precinct.  
Patrolman Charles Sold, from Twenty-eighth Precinct to Twenty-seventh Precinct.

Patrolman Stephen Dowling, from Twenty-second Precinct to Twenty-seventh Precinct.

Patrolman John J. Brennan, from Twenty-ninth Precinct to Twenty-seventh Precinct.

Patrolman Michael Downs, from Thirtieth Precinct to Twenty-seventh Precinct.

Patrolman Edward A. Larkin, from Thirty-first Precinct to Twenty-seventh Precinct.

Patrolman Orrin H. Crosby, from Twenty-fifth Precinct to Twenty-seventh Precinct.

Patrolman Martin McGrath, from Thirty-third Precinct to Fortieth Precinct.

Patrolman John Boyd, Twenty-seventh Precinct, assigned to mounted duty.

Roundsman Henry W. Hatton, from Seventy-second Precinct to Third Precinct, mounted; traffic duty in Borough of Brooklyn.

Roundsman Anson H. Weeks, from Twenty-seventh Precinct to Third Precinct, mounted; traffic duty in Borough of Brooklyn.

Patrolman Frank Frazer, from Sixty-eighth Precinct to Third Precinct, mounted; traffic duty in Borough of Brooklyn.

Patrolman George W. Carrougher, from Seventy-second Precinct to Third Precinct, mounted; traffic duty in Borough of Brooklyn.

Patrolman James I. Fitzgerald, from Eighth Precinct to Third Precinct, assigned to traffic duty, Borough Hall square, Brooklyn.

Patrolman Thomas J. Tierney, from Forty-ninth Precinct to Third Precinct, assigned to traffic duty, Borough Hall square, Brooklyn.

Patrolman Reuben C. Connor, from Forty-ninth Precinct to Third Precinct, assigned to traffic duty, Borough Hall square, Brooklyn.

Patrolman Henry Mallon, Forty-ninth Precinct, remanded from crossing, Adams and Willoughby streets, Brooklyn.

Patrolman Frank Lawless, from Forty-fourth Precinct to Sixty-eighth Precinct, mounted.

Patrolman Daniel J. Collins, from Sixty-seventh Precinct to Seventy-second Precinct, mounted.

In effect 4 P. M., the 29th inst.:

Roundsman Michael W. Fleming, from Sixty-sixth Precinct to Sixty-second Precinct.

Patrolman Frank L. Kiernan, from Twenty-seventh Precinct to Third Precinct, mounted.

Patrolman Gustavus Fellman, from Third Precinct to Twenty-seventh Precinct, mounted.

Patrolman John Murphy, from First Precinct to Eightieth Precinct.

Patrolman Patrick Kearns, from Third Precinct to Forty-third Precinct, remanded from license duty, Brooklyn.

Patrolman Walter J. Corbett, Sixth Precinct, assigned to plain clothes duty.

Patrolman James McLaughlin, from Thirty-first Precinct to Eighteenth Precinct.

Patrolman Lawrence Rogan, from Forty-third Precinct to Third Precinct, assigned to license duty, Brooklyn.

Patrolman Joseph Roberts, from Fifty-first Precinct, to Fourth Precinct, assigned to plain clothes duty.

Patrolman Denis Glavin, from Eightieth Precinct to First Precinct.

Matron Nellie V. Reardon, from Sixty-second Precinct to Seventy-sixth Precinct.

Matron Ellen M. Joyce, from Seventy-fifth Precinct to Sixty-second Precinct.

Matron Mary E. Smith, from Seventy-ninth Precinct to Seventy-fifth Precinct.

Ordered, That the following bills be approved and referred to the Comptroller for payment:

## Account "Supplies for Police," 1904.

No. 3347. Joseph N. Early, halters, etc.....	\$891 96
No. 3348. M. G. Gennert, photo supplies.....	388 69
No. 3349. John H. Meyer, coal.....	165 41
No. 3350. Geo. N. Reinhardt, forage.....	1,670 28
No. 3351. Siegel-Cooper Company, gas tubing.....	17 28
No. 3352. Geo. Worthington, saddles.....	712 50
No. 3353. M. J. Cavanagh, shoeing horses.....	83 50
No. 3354. D. Deacon, shoeing horses.....	14 00
No. 3355. James B. Donohue, shoeing horses.....	28 50
No. 3356. D. Doris, shoeing horses.....	14 00
No. 3357. George Gore, shoeing horses.....	34 50
No. 3358. George Hassler, shoeing horses.....	28 00
No. 3359. Daniel Healy, shoeing horses.....	19 00
No. 3360. W. F. Howe, shoeing horses.....	108 00
No. 3361. M. T. Kenney, shoeing horses.....	24 00

No. 3362. James Keiley, shoeing horses.....	49 00
No. 3363. Patrick Mann, shoeing horses.....	27 00
No. 3364. William R. Mongan, shoeing horses.....	67 50
No. 3365. Henry McCann, shoeing horses.....	75 00
No. 3366. William McKenna, shoeing horses.....	14 00
No. 3367. William McKenna, shoeing horses.....	12 00
No. 3368. William McKenna, shoeing horses.....	14 00
No. 3369. James F. O'Brien, shoeing horses.....	30 75
No. 3370. John O'Brien, shoeing horses.....	28 00
No. 3371. Philip Quinn, shoeing horses.....	6 50
No. 3372. James A. Riley, shoeing horses.....	17 50
No. 3373. M. R. Brannan, lineman's expenses.....	100 31
No. 3374. The New York Edison Company, electric current.....	30 87
No. 3375. New York Telephone Company, telephone service.....	1,398 15

\$6,080 20

No. 3377. Thomas Fox, horse shoeing.....	6 00
No. 3378. Thomas Fox, horse shoeing.....	65 00
No. 3379. Thomas Fox, horse shoeing.....	39 50
No. 3380. A. Aiello, boarding horses.....	100 00
No. 3381. O. S. Bailey, boarding horses.....	90 00
No. 3382. Bernstein & Lasker, boarding horses.....	120 00
No. 3383. Creamer & Delany, boarding horses.....	168 00
No. 3384. T. E. & Thos. Crimmins, boarding horses.....	79 35
No. 3385. Fred W. Daub, agent, boarding horses.....	120 00
No. 3386. A. Duryee, boarding horses.....	706 00
No. 3387. David D. Kessler, boarding horses.....	98 00
No. 3388. George Modine, boarding horses.....	240 00
No. 3389. James Naughton's Sons, boarding horses.....	90 00
No. 3390. Hy. C. Rose, E. A. Darling, Ex., boarding horses.....	90 00
No. 3391. Hy. C. Rose, E. A. Darling, Ex., boarding horses.....	90 00
No. 3392. George W. Smith, boarding horses.....	184 00
No. 3393. James A. Varian, boarding horses.....	392 00
No. 3394. Edward Wisely, boarding horses.....	60 00
No. 3395. Mary A. Van Nostrand, laundry work.....	3 00
No. 3396. American Ice Company, ice.....	2 17
No. 3397. American Ice Company, ice.....	36 65
No. 3398. American Ice Company, ice.....	1 58
No. 3399. Department of Water Supply, Gas, etc., water.....	48 60
No. 3400. George R. Jones, cartage.....	9 50
No. 3401. Frederick W. Ashe, D. V. S., veterinary services.....	9 00
No. 3402. Walter L. Bell, D. V. S., veterinary services.....	59 25
No. 3403. Walter L. Bell, D. V. S., veterinary services.....	30 75
No. 3404. W. C. Miller, D. V. S., veterinary services.....	45 50
No. 3405. W. C. Miller, D. V. S., veterinary services.....	6 00

\$2,989 85

## Account "Police Station-House Rents," 1904.

Katherin Bauer, stable, Sixty-ninth Precinct.....	\$75 00
Jacob Blank, station house, Seventy-seventh Sub Precinct.....	50 00
Boyd & Mulcahy, stable, Forty-first Precinct.....	54 00

\$179 00

WM. H. KIPP, Chief Clerk.

## POLICE DEPARTMENT.

New York, November 29, 1904.

The following proceedings were this day directed by Police Commissioner William McAdoo:

## Referred to the Chief Inspector.

Ordinance adopted by the Board of Aldermen, October 25, 1904, amending ordinance relative to public worship in the streets. To issue necessary order.

Report of Captain Nicholas Condon, Fiftieth Precinct, relative to disposition in the case of Patrolman John F. Rhatigan, who was arrested on the charge of bigamy. To obtain official copy of record of conviction.

Communication from R. J. Caldwell, complaining of injustice done to one Nicholi Staffoli, who was arrested on October 18, 1904. For report.

Communication from James Reynolds, commanding Officer John Dillon, Thirty-eighth Precinct, for stopping a runaway horse. For report.

Communication from Ralph W. Levy, commanding Officer No. 4146 for stopping a runaway horse. For report.

Application of Judson Sause for appointment of William G. Carney as Special Patrolman.

Application of Max Masson for appointment of William C. Kromer as Special Patrolman.

Communication from F. M. Wilmot, Manager, Carnegie Hero Fund Commission, asking for full particulars of the acts of heroism performed by Patrolmen Thomas F. Wynne and Joseph Cahill at fire at No. 70 First avenue, Manhattan, on September 13, 1904. For report.

## Approved.

Recommendation of First Deputy Commissioner Thomas F. McAvoy, relative to transfer of Patrolmen Monroe Rosenfeld, Second Precinct, to the Seventy-ninth Precinct, and William A. Loehman, Seventy-ninth Precinct, to the Second Precinct.

On reading and filing report of the Chief Clerk,

Ordered, That the contract for furnishing and delivering five single patrol wagons and one open body builder's (delivery) wagon for the Police Department of The City of New York for the sum and price of \$1,999, in accordance with the specifications therefor, be and is hereby awarded to Michael J. Kneuer, Nos. 126 and 128 Van Buren street, Newark, N. J., he being the lowest bidder, and that the Police Commissioner execute such contract on the approval of sureties by the Comptroller.

## Special Patrolman Appointed.

Michael Mancuso, for C. Kenyon Company, Brooklyn.

On reading and filing report of Second Deputy Commissioner Thomas F. Farrell, and it appearing from the report of Captain John Becker, Sixty-fourth Precinct, that the ball for which application was made for permit at Labor Lyceum on the 26th inst., in the name of Herman Gottschalk, for the Metal Spinners Union, was not a masquerade, but a civic ball.

Ordered, That the application therefor be canceled, and the fee, amounting to ten dollars, returned to the applicant.

## Referred to the Corporation Counsel.

Writ of certiorari, New York Supreme Court, case John J. Quinlan against William McAdoo, Police Commissioner. To file return.

## Referred to the Second Deputy Commissioner.

Communication from William L. Mathot, stating that he desires to prefer charges against Sergeant Lynch and Patrolman Smith, of Richmond Hill Precinct, on behalf of his client, Mrs. Miriam F. Hayes. For report.

Communication from Finance Department, asking information relative to claim of one Jacob Lisk for damage to property at No. 134 Prospect street, Brooklyn. For report.

## Referred to the Third Deputy Commissioner.

Communication from Second Deputy Commissioner Thomas F. Farrell, forwarding application of Mrs. Rose J. McGowan for a pension. For report.



Communication from Edward L. O'Connell, asking an increase of pension for his mother, Mrs. D. O'Connell. For report.

Chief Clerk to Answer.

Hon. George B. McClellan, Mayor, asking that copy of annual report of Police Department be forwarded to Hon. Fernando Pimental y Fagoaga, Mayor of the City of Mexico.

Masquerade Ball Permits Granted.

H. Gross, Grand Irving Palace, Manhattan, December 3; fee, \$10.  
Ben Moses, Washington Hall, Manhattan, December 3; fee, \$10.  
S. Meyerson, Grand Irving Palace, Manhattan, December 31; fee, \$10.  
G. Schmidt, Caecilia Hall, Brooklyn, December 3; fee, \$5.  
H. Gerken, Palace Hall, Brooklyn, December 3; fee, \$10.  
G. W. Muller, Bronx Casino, The Bronx, November 30; fee, \$10.  
F. J. Barbanes, Washington Hall, The Bronx, December 3; fee, \$10.  
F. J. Barbanes, Washington Hall, The Bronx, December 10; fee, \$10.  
F. J. Barbanes, Washington Hall, The Bronx, December 17; fee, \$10.  
F. J. Barbanes, Washington Hall, The Bronx, December 31; fee, \$10.  
F. X. Duer, Bay View Hall, Queens, December 3; fee, \$10.

Runner License Granted.

John Oberg, No. 415 Fulton street, Brooklyn, for one year from November 24, 1904; fee, \$12.50; bond, \$300.

Disapproved.

Application of David Sloane and others for appointment of Martin Carr as Special Patrolman.

Application of William B. Heiser for appointment of Alfred H. Voigt as Special Patrolman.

On File, Send Copy.

Report of Borough Inspector Nicholas Brooks on request of the Charity Organization Society, relative to reimbursing Officers Black and Sheridan, etc.

Report of Captain Michael Gorman, Seventy-sixth First Sub-Precinct, relative to accidental destruction of enrollment ballots in the Second Assembly District, Borough of Queens. Copy to Hon. John R. Voorhis, President, Board of Elections.

Report of J. I. Bacon, Auditor, on communication from the Comptroller, relative to bill of Michael Murphy and Michael O'Donnell for \$239.58, interest on \$12,500 purchase money for premises, Eighty-fifth street and Fifth avenue, Brooklyn. Copy to Comptroller with voucher.

On File.

Communication from Mutual Life Insurance Company, asking that two men be recommended to them for the position as Special Patrolmen. Answered by the Chief Clerk.

Protest of Frederick Heins against awarding contract for patrol wagons to a firm doing business and having a factory in Newark, N. J.

Notices from Corporation Counsel, approving printer's proof, etc., for form of contract for alterations at No. 17 Leonard street and for No. 1 East Twenty-seventh street, Manhattan.

Report of Captain John J. Murtha, Forty-fifth Precinct, relative to injury to Roundsman Alfred J. Reid.

Communication from Board of Estimate and Apportionment, forwarding copy of resolution adopted November 25, 1904, directing that no contract for the purchase of supplies of any description shall be made to bind the City for a period exceeding the current year, for which an appropriation has been made, without the consent of the Board of Estimate and Apportionment.

Communication from J. W. Stevenson, Deputy Comptroller, relative to issue of bonds to meet expenses of "General Slocum" disaster.

Report of Surgeon S. M. Johnson of contagious disease in the family of Roundsman Frank Rheinisch, Ninth Precinct, and Patrolman Alex. Beggs, Ninth Precinct.

Report of Surgeon A. S. Vosburgh of contagious disease in the family of Patrolman John H. Hansen, First Precinct.

Report of Surgeon C. H. Terry of contagious disease in the family of Patrolman Henry Heyn, Eighty-second Precinct.

WM. H. KIPP, Chief Clerk.

## DEPARTMENT OF PARKS.

WEDNESDAY, NOVEMBER 23, 1904—SPECIAL MEETING, 3 P. M.

Present—Commissioner Pallas (President), Brady, Kennedy.

The minutes of the previous meeting were read and approved.

The following communications were received:

From the Secretary of the Board of Estimate and Apportionment, forwarding a copy of a resolution of said Board selecting the bid or proposal of the Sneed & Co. Iron Works for the erection and completion of the library stack work in the New York Public Library, Astor, Lenox and Tilden Foundations, and authorizing the acceptance of the same.

Commissioner Pallas offered the following:

Resolved, That the proposal of the Sneed & Co. Iron Works for library stack work in the New York Public Library, Astor, Lenox and Tilden Foundations, having been selected and accepted by the Board of Estimate and Apportionment, by resolution adopted November 18, 1904, by forwarding to the Comptroller for approval of sureties, and when so approved that a contract for the same be entered into, pursuant to the provisions of section 2, chapter 556 of the Laws of 1897, and executed by the President for and on behalf of this Board.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

From the Chief Engineer, Boroughs of Manhattan and Richmond, reporting favorably upon an application of A. C. Gildersleeve for a further extension of time on his contract for constructing a sea wall and work incidental thereto on the extension of East River Park, Manhattan.

Commissioner Pallas offered the following:

Resolved, That the time stipulated for the completion of the work, on the contract with A. C. Gildersleeve, of regulating, grading and the erection of a sea wall and iron railing along the easterly front of the extension of East River Park, from Eighty-sixth street to the end of the sea wall near the northerly line of Eighty-ninth street, be and the same hereby is extended to November 4, 1904, as recommended by the Engineer.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

From the Chief Engineer, Manhattan and Richmond, reporting favorably upon an application of Bart Dunn for an extension of time on his contract for the construction and improvement of Thomas Jefferson Park, Manhattan.

Commissioner Pallas offered the following:

Resolved, That the time stipulated for the completion of work on the contract with Bart Dunn for constructing and improving Thomas Jefferson Park, in the Borough of Manhattan, be and the same hereby is extended to November 19, 1904, as recommended by the Engineer.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to increase the contract of the Contractors' Supply Company for vitrified sewer pipe for Sunset Park, dated September 29, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to decrease the contract of William N. Kenyon for sand and gravel, dated March 17, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to decrease the contract of Hugh L. Fox for oils, etc., dated March 24, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to decrease the contract of Hugh L. Fox for hardware, dated March 24, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to decrease the contract of Thomas M. DeLaney for plumbing materials, dated March 17, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to decrease the contract of William N. Kenyon for masons' materials, dated March 17, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the Commissioner of Parks for the Boroughs of Brooklyn and Queens be and he hereby is authorized to decrease the contract of John C. Orr for lumber, dated March 16, 1904, not to exceed twenty-five per cent., as provided in said contract.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

Commissioner Kennedy offered the following:

Resolved, That the proposal of the lowest formal bidder, received on November 17, 1904, for manure for parks in the boroughs of Brooklyn and Queens, be forwarded to the Comptroller for his approval of sureties, and when so approved that a contract be entered into for the same and executed by the President for and on behalf of the Board.

Which was adopted by the following vote:

Ayes—Commissioners Pallas, Brady, Kennedy—3.

On motion, at 3.25 P. M., the Board adjourned.

WILLIS HOLLY, Secretary.

## CHANGES IN DEPARTMENTS.

### DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

December 6—

Discharged for Lack of Work.

Joseph Kelly, No. 447 West Fifty-fourth street, with double team.

Lawrence Nugent, No. 524 West Fifty-sixth street, with double team.

Thomas Ross, No. 425 West Fifty-second street, with double team.

Martin Lyons, No. 56 East One Hundred and Ninth street, with double team.

Hugh Goodman, No. 500 West Forty-seventh street, with double team.

Michael Ellard, Ninety-ninth street and Fifth avenue, with double team.

Patrick Breman, No. 163 East One Hundred and Tenth street, with double team.

Death on the 4th inst. of Timothy Sullivan, Laborer, No. 432 East Seventy-sixth street.

### TENEMENT HOUSE DEPARTMENT.

December 6—Appointed, the following named persons as temporary Typewriting Copyists (female), at the rate of \$750 per annum, in this Department:

Evelyn Clarke, No. 902 Lafayette avenue, Brooklyn.

Anna M. Walsh, No. 38 Fort Greene place, Brooklyn.

Frances E. Fox, No. 1494 Greene avenue, Brooklyn.

Florence L. Brophy, No. 2161 Eighty-fifth street, Bensonhurst, New York.

Roselle M. Gillen, Ninety-fourth street, between Second and Third avenues, Brooklyn.

These appointments to date from December 6.

Also appointed Lillian E. Hartmann, No. 123 Halsey street, Brooklyn, as a temporary Typewriting Copyist, at the rate of \$750 per annum, appointment to date from December 7.

### COURT OF SPECIAL SESSIONS, FIRST DIVISION.

December 6—At a meeting of the Justices of this Court, held on the 21st day of November, 1904, the resignation of Miss Ada Eliot, of No. 130 East Twenty-seventh street, New York City, Female Probation Officer of this Court, was accepted, to take effect December 1, 1904, and Mrs. Sophie C. Axman, of No. 197 East Broadway, New York City, was appointed to succeed her as Female Probation Officer, such appointment to take effect from December 1, 1904, at a salary of \$1,200 per annum.



## OFFICIAL DIRECTORY.

### CITY OFFICERS.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open or business, and at which the Courts regularly open and adjourn, as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts:

### EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 5 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 8020 Cortlandt.

GEORGE B. McCLELLAN, Mayor.

John H. O'Brien, Secretary.

Thomas Hassett, Assistant Secretary.

Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 8020 Cortlandt.

John P. Corrigan, Chief of Bureau.

Principal Office, Room 1, City Hall; Gaetano D'Amato, Deputy Chief, Boroughs of Manhattan and The Bronx.

Branch Office, Room 12, Borough Hall, Brooklyn;

Daniel J. Griffin, Deputy Chief, Borough of Brooklyn.

Branch Office, Richmond Building, New Brighton, S. I.; William R. Woelfle, Financial Clerk, Borough of Richmond.

Branch Office, Hackett Building, Long Island City;

Charles H. Smith, Financial Clerk, Borough of Queens.

### THE CITY RECORD OFFICE.

Bureau of Printing, Stationery and Blank Books.

Supervisor's Office, Park Row Building, No. 21 Park Row, Entrance Room 803, 9 A. M. to 4 P. M.

Saturdays, 9 A. M. to 12 M.

Telephone, 1505 and 1506 Cortlandt. Supply Room,

No. 2 City Hall.

Patrick J. Tracy, Supervisor; Henry McMillen,

Deputy Supervisor.

### CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11-12, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

Telephone, 7560 Cortlandt.

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

Thomas Murphy, First Deputy City Clerk.

Michael F. Blake, Chief Clerk of the Board of Aldermen.

Joseph V. Scully, Deputy City Clerk, Borough of Brooklyn.

Thomas J. McCabe, Deputy City Clerk, Borough of The Bronx.



William R. Zimmerman, Deputy City Clerk, Borough of Queens.  
Joseph F. O'Grady, Deputy City Clerk, Borough of Richmond.

### BOARD OF ALDERMEN.

No. 11 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
Telephone, 7560 Cortlandt.  
Charles V. Fornes, President.  
P. J. Scully, City Clerk.

### DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
Edward M. Grout, Comptroller.  
N. Taylor Phillips and James W. Stevenson, Deputy Comptrollers.  
Hubert L. Smith, Assistant Deputy Comptroller.  
Oliver E. Stanton, Secretary to Comptroller.

#### Main Division.

H. J. Storrs, Chief Clerk, Room 11.

#### Bookkeeping and Awards Division.

Joseph Haag, Chief Accountant and Bookkeeper.

#### Stock and Bond Division.

James J. Sullivan, Chief Stock and Bond Clerk, Room 39.

#### Bureau of Audit—Main Division

William McKinney, Chief Auditor of Accounts, Room 27.

#### Law and Adjustment Division.

James F. McKinney, Auditor of Accounts, Room 183.

#### Investigating Division.

Charles S. Hervey, Auditor of Accounts, Room 178.

#### Charitable Institutions Division.

Daniel C. Potter, Chief Examiner of Accounts of Institutions, Room 40.

#### Bureau of the City Paymaster.

No. 83 Chambers street and No. 65 Reade street, John H. Timmerman, City Paymaster.

#### Bureau of Engineering.

Stewart Building, Chambers street and Broadway, Eugene E. McLean, Chief Engineer, Room 55.

#### Real Estate Bureau.

Mortimer J. Brown, Appraiser of Real Estate, Room 157.

#### Bureau for the Collection of Taxes.

Borough of Manhattan—Stewart Building, Room O. David E. Austen, Receiver of Taxes.

John J. McDonough, Deputy Receiver of Taxes, Borough of The Bronx—Municipal Building, Third and Tremont avenues.

John B. Underhill, Deputy Receiver of Taxes, Borough of Brooklyn—Municipal Building, Rooms 2-8.

Jacob S. Van Wyck, Deputy Receiver of Taxes, Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

Frederick W. Bleckwong, Deputy Receiver of Taxes, Borough of Richmond—Bay and Sand streets, Stapleton.

John DeMorgan, Deputy Receiver of Taxes.

Bureau for the Collection of Assessments and Arrears

Borough of Manhattan—Stewart Building, Room 51, Edward A. Slattery, Collector of Assessments and Arrears.

John B. Adger Mullally, Deputy Collector of Assessments and Arrears.

Borough of The Bronx—Municipal Building, Rooms 1-3.

James J. Donovan, Jr., Deputy Collector of Assessments and Arrears.

Borough of Brooklyn—Municipal Building.

John H. McCooey, Deputy Collector of Assessments and Arrears.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

Patrick E. Leahy, Deputy Collector of Assessments and Arrears.

Borough of Richmond—Bay and Sand streets, Stapleton.

George Brand, Deputy Collector of Assessments and Arrears.

Bureau for the Collection of City Revenue and of Markets.

Stewart Building, Chambers street and Broadway, Room 139.

Thomas F. Byrnes, Collector of City Revenue and Superintendent of Markets.

James H. Baldwin, Deputy Collector of City Revenue.

David O'Brien, Deputy Superintendent of Markets.

#### Bureau of the City Chamberlain.

Stewart Building, Chambers street and Broadway, Rooms 6 to 67, and Kings County Court-house, Room 14, Borough of Brooklyn.

Patrick Keenan, City Chamberlain.

John H. Campbell, Deputy Chamberlain.

COMMISSIONER OF LICENSES.

Office, No. 277 Broadway.

Frederick L. C. Keating, Commissioner.

### LAW DEPARTMENT.

#### Office of Corporation Counsel.

Staats-Zeitung Building, 2d, 3d and 4th floors, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 5666 Cortlandt.

John J. Delany, Corporation Counsel.

Assistants—Theodore Connolly, Charles D. Olen-

dorf, George L. Sterling, Charles L. Guy, William P. Burr, Edwin J. Freedman, John L. O'Brien, Terence Farley, James T. Malone, James Lindsay Gordon, William J. O'Sullivan, Arthur C. Butts, Charles N. Harris, George S. Coleman, Charles A. O'Neil, William Beers Crowell, Arthur Sweeney, John F. O'Brien, John C. Beckenridge, Louis H. Hahlo, Andrew T. Campbell, Jr., Franklin Chase Hoyt, E. Crosby Kie-

dieberger, Montgomery Hare, Thomas F. Noonan, Kenyon F. Fetsche, Charles McIntyre.

Secretary to the Corporation Counsel—William F. Clark.

Borough of Brooklyn Branch Office—James D. Bell, Assistant in charge.

Borough of Queens Branch Office—Denis O'Leary, Assistant in charge.

Borough of The Bronx Branch Office—Richard H. Mitchell, Assistant in charge.

Borough of Richmond Branch Office—John Widde-

combe, Assistant in charge.

Andrew I. Campuell, Chief Clerk.

#### Bureau of Street Openings.

Nos. 90 and 92 West Broadway, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.

John P. Dunn, Assistant in charge.

#### Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

Herman Stuebel, Assistant in charge.

Bureau for the Collection of Arrears of Personal Taxes.

No. 280 Broadway (Stewart Building). Office hours for the Public, 10 A. M. to 2 P. M.; Saturdays, 10 A. M. to 12 M.

Henry Steinert, Assistant in charge.

Tenement House Bureau and Bureau of Buildings.  
No. 44 East Twenty-third street, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

John P. O'Brien, Assistant in charge.

### COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M. Telephone, 4315 Franklin.

John C. Hertle, William Harman Black, Commissioners.

### COMMISSIONERS OF SINKING FUND.

George B. McClellan, Mayor, Chairman; Edward M. Grout, Comptroller; Patrick Keenan, Chamberlain; Charles V. Fornes, President of the Board of Aldermen and John T. McCull, Chairman, Finance Committee, Board of Aldermen, Members. N. Taylor Phillips, Deputy Comptroller, Secretary.

Office of Secretary, Room No. 12, Stewart Building.

### BOARD OF ESTIMATE AND APPORTIONMENT.

Telephone, Finance Department, 2070 Franklin. Telephone, Public Improvements, 3454 Franklin.

The Mayor, Chairman; the Comptroller, President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

James W. Stevenson, Deputy Comptroller, Secretary, Finance Department, No. 280 Broadway; John H. Mooney, Assistant Secretary, Public Improvements, No. 277 Broadway; Charles V. Adee, Clerk of the Board, Finance Department, No. 280 Broadway.

AQUEDUCT COMMISSIONERS.

Room 207 Stewart Building, 5th floor, 9 A. M. to 4 P. M. Telephone, 1942 Franklin.

The Mayor, the Comptroller, ex officio; Commissioners William H. Ten Eyck (President), John J. Ryan, William E. Curtis and John P. Windolph; Harry W. Walker, Secretary; Jonas Waldo Smith, Chief Engineer.

### POLICE DEPARTMENT.

#### Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M. Telephone, 3100 Spring.

William McAdoo, Commissioner.

Thomas F. McAvoy, First Deputy Commissioner.

Thomas F. Farrell, Second Deputy Commissioner.

Harris Lindsey, Third Deputy Commissioner.

### BOARD OF ARMORY COMMISSIONERS.

The Mayor, George B. McClellan, Chairman; the President of the Department of Taxes and Assessments, Frank A. O'Donnell, Vice-Chairman; the President of the Board of Aldermen, Charles V. Fornes; Brigadier-General James McLeer and Brigadier-General George Moore Smith, Commissioners.

Eugene A. Fornes, Secretary, and Frank J. Bell, Acting Secretary, Stewart Building, No. 280 Broadway.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

### BOARD OF ELECTIONS.

Headquarters, General Office, No. 107 West Forty-first street.

Commissioners—John R. Voorhis (President), Charles B. Page (Secretary), John Maguire, Rudolph C. Fuller, A. C. Allen, Chief Clerk of the Board.

#### BOROUGH OFFICES.

##### Manhattan.

No. 112 West Forty-second street. William C. Baxter, Chief Clerk.

##### The Bronx.

One Hundred and Thirty-eighth street and Mott avenue (Solingen Building). Cornelius A. Bunner, Chief Clerk.

##### Brooklyn.

No. 42 Court street. George Russell, Chief Clerk.

##### Queens.

No. 51 Jackson avenue, Long Island City. Carl Voegel, Chief Clerk.

##### Richmond.

Staten Island Savings Bank Building, Stapleton, S. I. Alexander M. Ross, Chief Clerk.

All offices open from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

### DEPARTMENT OF BRIDGES.

Nos. 125-21 Park row. George E. Best, Commissioner.

F. E. V. Dunn, Secretary.

Office hours, 9 A. M. to 4 P. M. Saturdays, 9 A. M. to 12 M.

Telephone, 6080 Cortlandt.

### DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park row, 9 A. M. to 4 P. M. Telephone, 3388 Main.

Queens, 439 Greenpoint; Richmond, 94 Tompkinsville; Bronx, 62 Tremont.

John T. Oakley, Commissioner.

Frank J. Goodwin, Deputy Commissioner.

Nicholas S. Hill, Jr., Chief Engineer.

George W. Birdsall, Consulting Hydraulic Engineer.

George F. Sever, Consulting Electrical Engineer.

Charles F. Lacombe, Engineer of Surface Construction.

Joseph W. Savage, Water Registrar, Manhattan.

William M. Blake, Private Secretary.

Joseph F. Prendergast, Secretary to the Department.

Thomas R. Farrell, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.

William K. McGuire, Water Registrar, Brooklyn.

Thomas H. O'Neil, Deputy Commissioner, Borough of The Bronx, Crotona Park Building, One Hundred and Seventy-seventh street and Third avenue.

Thomas M. Lynch, Water Registrar, The Bronx.

George H. Creed, Deputy Commissioner, Borough of Queens, Hackett Building, Long Island City.

Edward I. Miller, Deputy Commissioner, Borough of Richmond, Richmond Building, New Brighton, S. I.

### FIRE DEPARTMENT.

Office hours for all, except where otherwise noted, from 9 A. M. to 4 P. M.; Saturdays, 12 M.

#### Headquarters.

Nos. 157 and 159 East Sixty-seventh street. Telephone, 2930 Plaza, Manhattan; 2356 Main, Brooklyn.

Nicholas J. Hayes, Fire Commissioner.

Thomas W. Churchill, Deputy Commissioner.

William A. Doyle, Deputy Commissioner, Boroughs of Brooklyn and Queens.

Alfred M. Downes, Secretary; Albert F. Voegenau, Secretary to the Commissioner; George F. Dobson, Jr., Secretary to the Deputy Commissioner.

Edward F. Croker, Chief of Department and in charge of Fire Alarm Telegraph.

Thomas Lall, Deputy Chief of Department in charge, Boroughs of Brooklyn and Queens.

George E. Murray, Inspector of Combustibles.

William A. Hervey, Assistant Inspector of Combustibles, Boroughs of Brooklyn and Queens, Nos. 365 and 367 Jay street, Brooklyn.

Peter Seery, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.

William L. Beers, Assistant Fire Marshal in charge, Boroughs of Brooklyn and Queens.

William T. Beggin, Chief of Battalion in charge, Bureau of Violations and Auxiliary Fire Appliances, Boroughs of Manhattan and The Bronx.

Michael Quinn, Foreman in charge, Bureau of Violations and Auxiliary Fire Appliances, Boroughs of Brooklyn and Queens.

Central Office open at all hours.

Committee to examine persons who handle explosives meets Thursday of each week at 2 o'clock P. M.

### MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East Sixty-seventh street, Headquarters Fire Department.

Fire Commissioner Nicholas J. Hayes, Chairman; William Montgomery, John Sherry, Abraham Piser, Dr. Charles F. McKenna.

Franz S. Wolf, Secretary.

Stated meetings every Thursday at 2 P. M.

### DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M. Telephone, 3863 Cortlandt.

John McGaw Woodbury, Commissioner.

F. M. Gibson, Deputy Commissioner.

John J. O'Brien, Chief Clerk.

### DEPARTMENT OF CORRECTION.

#### Central Office.

No. 148 East Twentieth street. Office hours from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 1047 Gramercy.

Francis J. Lantry, Commissioner.

George W. Meyer, Jr., Deputy Commissioner.

John B. Fitzgerald, Secretary.

### DEPARTMENT OF PUBLIC CHARITIES.

#### Central Office.

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M. Telephone, 3250 Madison Square.

James H. Tully, Commissioner.

James E. Dougherty, First Deputy Commissioner.

James J. McInerney, Second Deputy Commissioner for Brooklyn and Queens, Nos. 126 and 128 Livingston street, Brooklyn.

Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M.; Saturdays, 12 M.

Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 9 A. M. to 5 P. M.

Bureau of Dependent Children, No. 66 Third avenue. Office hours, 8:30 A. M. to 5 P. M.

### TENEMENT HOUSE DEPARTMENT.

Manhattan Office, No. 61 Irving place, southwest corner Eighteenth street.

Telephone, 5331 Eighteenth.

Brooklyn Office, Temple Bar Building, No. 44 Court street.

Bronx Office to be established.

Thomas C. T. Cram, Commissioner.

John F. Skelly, First Deputy Tenement House Commissioner.

William Brennan, Second Deputy Tenement House Commissioner.

### DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.

Telephone, 1681 Broad.

Maurice Featherston, Commissioner.

Joseph A. Bill, Deputy Commissioner.

Charles J. Collins, Secretary.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

### BELLEVUE AND ALLIED HOSPITALS.

Telephone, 2730 Madison Square.

Board of Trustees—Dr. John W. Brannan, Theodore E. Tack, Arden M. Robbins, Myles Tierney, Samuel Sachs, James K. Paulding, Marcus Stine, James H. Tully.

### DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, 9 A. M. to 4 P. M.

Burial Permit and Contagious Disease Offices always open.

Thomas Darlington, M. D., Commissioner of Health and President.

Telephone, 1204 Columbus.

Eugene W. Scheffer, Secretary.

Charles F. Roberts, M. D., Sanitary Superintendent.

William H. Guilfoyle, M. D., Registrar of Records.

Walter Bensen, M. D., Assistant Sanitary Superintendent, Borough of Manhattan. Gerald Sheil, M. D., Assistant Sanitary Superintendent, Borough of The Bronx, No. 1237 Franklin avenue.

Robert H. Herkimer, M. D., Assistant Sanitary Superintendent, Borough of Brooklyn, Nos. 38 and 40 Clinton street.

John P. Moore, M. D., Assistant Sanitary Superintendent, Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.

John T. Sprague, M. D., Assistant Sanitary Superintendent, Borough of Richmond, Nos. 54 and 56 Water street, Stapleton, Staten Island.

### DEPARTMENT OF PARKS.

John J. Pallas, Commissioner of Parks for the Boroughs of Manhattan and Richmond and President of the Park Board.

Willis Holly, Secretary, Park Board.

Offices, Arsenal, Central Park.

Michael J. Kennedy, Commissioner of Parks for the Boroughs of Brooklyn and Queens.

Offices, Litchfield Mansion, Prospect Park, Brooklyn.

John J. Brady, Commissioner of Parks for the Borough of The Bronx.

Offices, Zbrowski Mansion, Claremont Park.

Office hours, 9 A. M. to 4 P



Robert R. Crowell, Assistant Engineer-in-Charge, Topographical Bureau.  
Office, Long Island City, 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. until 12 M.

#### Borough of Richmond.

President's Office, New Brighton, Staten Island.  
George Cromwell, President.  
Maybury Fleming, Secretary to the President.  
Louis Lincoln Tribus, Commissioner of Public Works.  
John Seaton, Superintendent of Buildings.  
John Timlin, Jr., Superintendent of Public Buildings and Offices.  
H. E. Buel, Superintendent of Highways.  
Richard T. Fox, Superintendent of Street Cleaning.  
Ernest H. Seehusen, Superintendent of Sewers.  
Office of the President, First National Bank Building, New Brighton, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

#### CORONERS.

Borough of Manhattan—Office, New Criminal Court Building. Open at all times of day and night.  
Gustav Scholer, Solomon Goldenkranz, Nicholas T. Brown, Moses J. Jackson, Chief Clerk.  
Borough of The Bronx—Corner of Third Avenue and One Hundred and Seventy-seventh street. Telephone, 333 Tremont.  
Walter H. Henning, Chief Clerk.  
William O'Gorman, Jr.; Joseph I. Berry.  
Borough of Brooklyn—Office, Room 11, Borough Hall. Telephone, 4004 Main and 4005 Main.  
Philip T. Williams, Michael J. Flaherty.  
James L. Gernon, Chief Clerk.  
Open at all hours of day and night, except between the hours of 12 M. and 5 P. M. on Sundays and holidays.  
Borough of Queens—Office, Borough Hall, Fulton street, Jamaica, L. I.  
Samuel D. Nutt, Leonard Ruoff, Jr.  
Martin Mager, Jr., Chief Clerk.  
Office hours from 9 A. M. to 4 P. M.  
Borough of Richmond—No. 174 Bay street, Stapleton. Open for the transaction of business all hours of the day and night.  
George F. Schafer.

#### NEW YORK COUNTY OFFICES.

**SURROGATE.**  
New County Court-house. Court open from 9 A. M. to 4 P. M., except Saturday, when it closes at 12 M. During the months of July and August the hours are from 9 A. M. to 2 P. M.  
Frank T. Fitzgerald, Abner C. Thomas, Surrogates; William V. Leary, Chief Clerk.

#### SHERIFF.

Stewart Building, 9 A. M. to 4 P. M.  
Mitchell L. Erlanger, Sheriff; Julius Harburger, Under Sheriff.

#### COUNTY JAIL.

No. 70 Ludlow street.  
Mitchell L. Erlanger, Sheriff.  
Julius Harburger, Under Sheriff.  
Thomas H. Sullivan, Warden.

#### DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.  
Office hours from 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.  
William Travers Jerome, District Attorney.  
John A. Henneberry, Chief Clerk.

#### REGISTER.

No. 116 Nassau street. Office hours from 9 A. M. to 4 P. M. Saturdays, 9 A. M. to 12 M. During the months of July and August the hours are from 9 A. M. to 2 P. M.  
John H. J. Konner, Register; Henry H. Sherman, Deputy Register.

#### COUNTY CLERK.

Nos. 8, 9, 10 and 11 New County Court-house.  
Office hours from 9 A. M. to 2 P. M.  
Thomas L. Hamilton, County Clerk.  
Henry Birrell, Deputy.  
Patrick H. Dunn, Secretary.

#### COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
Thomas Allison, Commissioner.  
Matthew E. Neville, Assistant Commissioner.  
Frederick P. Simpson, Assistant Commissioner.  
Frederick O'Byrne, Secretary.

#### PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.  
William M. Hoes, Public Administrator.

#### KINGS COUNTY OFFICES.

**COUNTY COURT, KINGS COUNTY.**  
County Court-house, Brooklyn, Rooms 19, 22 and 23. Court opens at 10 A. M. daily, and sits until business is completed. Part I, Room No. 23; Part II, Room No. 19, Court-house. Clerk's Office, Rooms 19 and 22, open daily from 9 A. M. to 4 P. M.; Saturdays, 12 M.  
Joseph Aspinall and Frederick E. Crane, County Judges.  
Charles S. Devoy, Chief Clerk.

#### SURROGATE.

Hall of Records, Brooklyn, N. Y.  
James C. Church, Surrogate.  
William P. Pickett, Clerk of the Surrogate's Court.  
Court opens at 10 A. M. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

#### SHERIFF.

County Court-house, Brooklyn, N. Y.  
9 A. M. to 4 P. M.; Saturdays, 12 M.  
Henry Hesterberg, Sheriff.

#### COUNTY JAIL.

Raymond street, between Willoughby street and DeKalb avenue, Brooklyn, N. Y.  
Henry Hesterberg, Sheriff.  
William McLaughlin, Warden.

#### DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn.  
Hours, 9 A. M. to 5 P. M.  
John F. Clarke, District Attorney.

#### REGISTER.

Hall of Records. Office hours, 9 A. M. to 4 P. M., excepting months of July and August; then from 9 A. M. to 2 P. M., provided for by statute.  
Matthew E. Dooley, Register.  
Patrick H. Quinn, Deputy Register.  
Augustus W. Maul, Assistant Deputy Register.  
John B. Shanahan, Counsel.  
John H. McArdie, Secretary.

#### COUNTY CLERK.

Hall of Records, Brooklyn, 9 A. M. to 4 P. M.  
Edward Kaufmann, County Clerk.  
Dennis Winter, Deputy County Clerk.  
Joseph P. Donnelly, Assistant Deputy County Clerk.  
Telephone call, 1151 Main.

#### COMMISSIONER OF JURORS.

5 Court-house.  
Jacob Brenner, Commissioner.  
Frank J. Gardner, Deputy Commissioner.  
Albert B. Waldron, Secretary.  
Office hours from 9 A. M. to 4 P. M.; Saturdays from 9 A. M. to 12 M.

#### COMMISSIONER OF RECORDS.

Rooms, 7, 9, 10 and 11, Hall of Records.  
Office hours, 9 A. M. to 4 P. M., excepting months of July and August, then 9 A. M. to 2 P. M.; Saturdays, 9 A. M. to 12 M.  
John K. Neal, Commissioner.  
D. H. Raiston, Deputy Commissioner.  
Thomas D. Mossop, Superintendent.  
William J. Beattie, Assistant Superintendent.

#### PUBLIC ADMINISTRATOR.

No. 186 Montague street, Brooklyn, 9 A. M. to 4 P. M., except Saturdays in June, July and August, 9 A. M. to 12 M.  
William B. Davenport, Public Administrator.

#### QUEENS COUNTY OFFICES.

##### SURROGATE.

Daniel Noble, Surrogate.  
Office at Jamaica.  
Except on Sundays, holidays and half holidays the office is open between March 31 and October 1 from 8 A. M. to 5 P. M.; on Saturdays from 8 A. M. to 12 M.; between September 30 and April 1, from 9 A. M. to 5 P. M.; on Saturdays from 9 A. M. to 12 M.  
Surrogate's Court sits on Thursday and Friday of each week except during the month of August, when no court is held. Calendar called at 10 A. M.

##### COUNTY COURT.

County Court-house, Long Island City.  
County Court opens at 10 A. M. and adjourns at 5 P. M.  
County Judge's office always open at 336 Fulton street, Jamaica, N. Y.  
Burt J. Humphrey, County Judge.

##### SHERIFF.

County Court-house, Long Island City, 9 A. M. to 4 P. M.; Saturday from 9 A. M. to 12 M.  
Joseph Meyerrose, Sheriff.  
Henry W. Sharkey, Under Sheriff.

##### DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 A. M. to 5 P. M.  
George A. Gregg, District Attorney.

##### COUNTY CLERK.

Jamaica, N. Y.: Fourth Ward, Borough of Queens.  
Office hours, April 1 to October 1, 8 A. M. to 5 P. M.; October 1 to April 1, 9 A. M. to 5 P. M.; Saturdays, 12 M.  
County and Supreme Court held at the Queens County Court-house, Long Island City. Court opens at 9:30 A. M. to adjourn 5 P. M.  
David L. Von Nostrand, County Clerk.  
Charles Downing, Deputy County Clerk.

#### COMMISSIONER OF JURORS.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
Edward J. Knauer, Commissioner.  
H. Homer Moore, Assistant Commissioner.

#### PUBLIC ADMINISTRATOR.

No. 103 Third street, Long Island City, 9 A. M. to 4 P. M.  
Charles A. Wadley, Public Administrator.

#### RICHMOND COUNTY OFFICES.

##### COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1904.  
County Court—Stephen D. Stephens, County Judge.  
First Monday of June, Grand and Trial Jury.  
First Monday of December, Grand and Trial Jury.  
Fourth Wednesday of January, without a Jury.  
Fourth Wednesday of February, without a Jury.  
Fourth Wednesday of March, without a Jury.  
Fourth Wednesday of April, without a Jury.  
Fourth Wednesday of July, without a Jury.  
Fourth Wednesday of September, without a Jury.  
Fourth Wednesday of October, without a Jury.  
—All at the Court-house at Richmond.  
Surrogate's Court—Stephen D. Stephens, Surrogate.  
Mondays, at the First National Bank Building, St. George, at 10:30 o'clock A. M.  
Tuesdays, at the First National Bank Building, St. George, at 10:30 o'clock A. M.  
Wednesdays, at the Surrogate's Office, Richmond, at 10:30 o'clock A. M.

##### DISTRICT ATTORNEY.

Port Richmond, S. I.  
Office hours from 9 A. M. to 12 M., and from 1 P. M. to 5 P. M.  
Edward S. Rawson, District Attorney.

##### COUNTY CLERK.

County Office Building, Richmond, S. I., 9 A. M. to 4 P. M.  
C. L. Bostwick, County Clerk.  
County Court-house, Richmond, S. I., 9 A. M. to 4 P. M.

##### SHERIFF.

County Court-house, Richmond, S. I.  
Office hours, 9 A. M. to 4 P. M.  
Charles J. McCormack, Sheriff.  
Thomas A. Banning, Under Sheriff.

#### COMMISSIONER OF JURORS.

Village Hall, Stapleton.  
Charles J. Kullman, Commissioner.  
John J. McCaughey, Assistant Commissioner.  
Office open from 9 A. M. until 4 P. M.; Saturdays from 9 A. M. to 12 M.

#### THE COURTS.

##### APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.  
Court-house, Madison avenue, corner Twenty-fifth street. Court opens at 10 A. M.  
Charles H. Van Brunt, Presiding Justice; Edward Patterson, Morgan J. O'Brien, George L. Ingraham, Chester B. McLaughlin, Edward W. Hatch, Frank C. Laughlin, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.  
Clerk's Office open at 9 A. M.

##### SUPREME COURT—FIRST DEPARTMENT.

County Court-house, Chambers street. Courts open from 10:15 A. M. to 4 P. M.  
Special Term, Part I. (motions), Room No. 12.  
Special Term, Part II. (ex-parte business), Room No. 15.  
Special Term, Part III., Room No. 19.  
Special Term, Part IV., Room No. 11.  
Special Term, Part V., Room No. 30.

#### Special Term, Part VI. (Elevated Railroad cases).

Room No. 36.  
Trial Term, Part II., Room No. 25.  
Trial Term, Part III., Room No. 17.  
Trial Term, Part IV., Room No. 18.  
Trial Term, Part V., Room No. 16.  
Trial Term, Part VI., Room No. 24.  
Trial Term, Part VII., Room No. 23.  
Trial Term, Part VIII., Room No. 33.  
Trial Term, Part IX., Room No. 31.  
Trial Term, Part X., Room No. 32.  
Trial Term, Part XI., Room No. 22.  
Trial Term, Part XII., Room No. 34.  
Trial Term, Part XIII., and Special Term, VII., Room No. 26.  
Appellate Term, Room No. 31.  
Naturalization Bureau, Room No. 38, third floor.  
Assignment Bureau, room on third floor.  
Clerks in attendance from 10 A. M. to 4 P. M.  
Clerk's Office, Special Term, Part I. (motions), Room No. 13.  
Clerk's Office, Special Term, Part II. (ex-parte business), room southwest corner mezzanine floor.  
Clerk's Office, Special Term, Calendar, room southwest corner second floor.  
Clerk's Office, Trial Term, Calendar, room northeast corner second floor, room southwest corner, third floor.  
Trial Term, Part I. (criminal business).  
Criminal Court-house, Centre street.  
Justices—Charles H. Truax, Francis M. Scott, Charles F. Maclean, Henry Bischoff, Jr.; Leonard A. Giegerich, John J. Freedman, P. Henry Dugro, Henry A. Gildersleeve, James Fitzgerald, David Leventritt, James A. O'Gorman, George C. Barrett, James A. Blanchard, John Proctor Clarke, Samuel Greenbaum, Edward E. McCall, Edward B. Amend, Vernon M. Davis.

#### SUPREME COURT—SECOND DEPARTMENT.

Kings County Court-house, Borough of Brooklyn, N. Y.  
Courts open daily from 10 o'clock A. M. to 5 o'clock P. M. Six jury trial parts. Special Term for Trials. Special Term for Motions.  
James F. McGee, General Clerk.

#### CRIMINAL DIVISION—SUPREME COURT.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.  
Court opens at 10:30 A. M.  
Thomas L. Hamilton, Clerk; Edward R. Carroll, Special Deputy to the Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.

#### COURT OF GENERAL SESSIONS.

Held in the building for Criminal Courts, Centre, Elm, White and Franklin streets.  
Court opens at 10:30 o'clock A. M.  
Rufus B. Cowing, City Judge; John W. Goff, Recorder; Joseph E. Newburger, Martin T. McMahon and Warren W. Foster, Judges of the Court of General Sessions. Edward R. Carroll, Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.

#### CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brownstone Building, City Hall Park, from 10 A. M. to 4 P. M.  
General Term, Part I.  
Part II.  
Part III.  
Part IV.  
Part V.  
Special Term Chambers will be held from 10 A. M. to 4 P. M.  
Clerk's Office open from 9 A. M. to 4 P. M.  
Edward F. O'Dwyer, Chief Justice; John H. McCarty, Lewis J. Conlan, Theodore F. Hascall, Francis B. Delehanty, Samuel Seabury, John Palmieri, Justices. Thomas F. Smith, Clerk.

#### COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.  
Court opens at 10 A. M.  
Justices—First Division—Elizur B. Hinsdale, William E. Wya, John E. McKean, Willard H. Olmsted, Joseph M. Deuel, Lorenz Zeller, William M. Fuller, Clerk; Joseph H. Jones, Deputy Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.  
Second Division—Trial Days—No. 171 Atlantic avenue, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.  
Justices—John Courtney, Howard J. Forker, Patrick Keady, John Fleming, Thomas W. Fitzgerald, Robert J. Wilkin, Joseph L. Kerrigan, Clerk; John J. Dorman, Deputy Clerk.  
Clerk's Office, No. 171 Atlantic Avenue, Borough of Brooklyn, open from 9 A. M. to 4 P. M.

#### CHILDREN'S COURT.

First Division—No. 66 Third Avenue, Manhattan.  
Edmund C. Lee, Clerk.  
Second Division—No. 102 Court street, Brooklyn.  
Robert J. Wilkin, Justice. James P. Sinnott, Clerk.

#### CITY MAGISTRATES' COURT.

Courts open from 9 A. M. to 4 P. M.  
City Magistrates—Robert C. Cornell, Leroy B. Crane, Charles A. Flammer, Clarence W. Meade, John M. Mott, Joseph Pool, John B. Mayo, Edward Hogan, Peter P. Barlow, Matthew P. Freen, Seward Baker, Alfred G. Ommen, Charles S. Whitman, Joseph Moss, Philip Bloch, Secretary.  
First District—Criminal Court Building.  
Second District—Jefferson Market.  
Third District—No. 69 Essex street.  
Fourth District—Fifty-seventh street, near Lexington avenue.  
Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.  
Sixth District—One Hundred and Fifty-eighth street, and Third Avenue.  
Seventh District—Fifty-fourth street, west of Eighth Avenue.  
SECOND DIVISION.  
Borough of Brooklyn.  
City Magistrates—Alfred E. Steers, A. V. B. Voorhees, Jr., James G. Tighe, Edward J. Dooley, John Naumer, E. G. Higginbotham, Frank E. O'Reilly, Henry J. Furlong.  
President of Board, James G. Tighe, No. 184½ Bergen street.  
Secretary to the Board, Lawrence D. Carroll, West Eighth street, Coney Island.  
First District—No. 318 Adams street.  
Second District—Court and Butler streets.  
Third District—Myrtle and Vanderbilt avenues.  
Fourth District—Lee Avenue and Clymer street.  
Fifth District—Manhattan Avenue and Powers street.  
Sixth District—Gates and Feid avenues.  
Seventh District—Grant street (Flatbush).  
Eighth District—West Eighth street (Coney Island).

#### Borough of Queens.

City Magistrates—Matthew J. Smith, Luke J. Con-norton, Edmund J. Healy.  
First District—Long Island City.  
Second District—Flushing.  
Third District—Far Rockaway.

#### Borough of Richmond.

City Magistrates—John Croak, Nathaniel Marsh.  
First District—New Brighton, Staten Island.  
Second District—Stapleton, Staten Island.

#### MUNICIPAL COURTS.

##### Borough of Manhattan.

First District—Third, Fifth and Eighth Wards and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands. New Court-house, No. 128 Prince street, corner of Wooster street.  
Danie. E. Finn, Justice. Thomas O'Connell, Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.  
Second District—Second, Fourth Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.  
John Hoyer, Justice. Francis Mangin, Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.  
Court opens daily at 10 A. M., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Fifth Avenue and West Tenth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
Wm. F. Moore, Justice. Daniel Williams, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second Avenue. Clerk's Office open daily from 9 A. M. to 4 P. M. Court opens 10 A. M. daily, and remains open to close of business.  
George F. Roesch, Justice. Andrew Lang, Clerk.

Fifth District—The Fifth District embraces the Eleventh Ward and all that portion of the Thirteenth Ward which lies east of the centre line of Norfolk street and north of the centre line of Grand street and west of the centre line of Fifth street and north of the centre line of Delancey street and northwest of Clinton street to Rivington street, and on the centre line of Rivington street south to Norfolk street. Court-room, No. 154 Clinton street.  
Benjamin Hoffman, Justice. Thomas Fitzpatrick, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second Avenue. Court opens at 9 A. M. daily, and continues open until close of business.  
Daniel F. Martin, Justice. Abram Bernard, Clerk.

Seventh District—Nineteenth Ward. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.  
Herman Joseph, Justice.  
Edward A. McQuade, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth Avenue. Court opens at 9 A. M. and continues open until close of business. Summary proceedings and return causes called at 9:30 A. M. Calendar trials, 10 A. M.  
Clerk's Office open from 9 A. M. to 4 P. M., and on Saturdays until 12 M.  
Trial days and Return days, each Court day.  
James W. McLaughlin, Justice.  
Henry Merzbach, Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth Avenue and of the Harlem River, north of the terminus of Lenox Avenue. Court-room, No. 120 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.  
Joseph P. Fallon, Justice. William J. Kennedy, Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.

Tenth District—The Tenth District embraces that portion of the Twenty-second Ward south of Seventieth street. Court-room, No. 314 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
Thomas E. Murray, Justice. Michael Skelly, Clerk.

Eleventh District—The Eleventh District embraces that portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street, between Lenox Avenue and Seventh Avenue; north of the centre line of One Hundred and Twentieth street, between Seventh Avenue and Broadway; north of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river, and west of the centre line of Lenox or Sixth Avenue and of the Harlem River; north of the terminus of Lenox or Sixth Avenue. Court-room, No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Court convenes daily at 9:15 A. M.  
Francis J. Worcester, Justice. Herman B. Wilson, Clerk.

Twelfth District—The Twelfth District embraces that portion of the Twenty-second Ward north of Seventieth street, and that portion of the Twelfth Ward which lies north of the centre line of Eightieth street and west of the centre line of Seventh Avenue and south of the centre line of One Hundred and Twentieth street, between Seventh Avenue and Broadway and south of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river. Court-room, No. 2630 Broadway.  
Alfred P. W. Seaman, Justice. James V. Gilloon, Clerk.

Thirteenth District—South side of Delancey street, from East river to Pitt street; east side of Pitt street, Grand street, south side of Grand street to Norfolk street, east side of Norfolk street to Division street, south side of Division street to East river street, east side of Catharine street to East river. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
Leon Sanders, Justice. James J. Devlin, Clerk.  
Court-room, No. 200 East Broadway.

#### BOROUGH OF THE BRONX.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Trial of causes are Tuesday and Friday of each week.  
William W. Penfield, Justice. Thomas F. Delehanty, Clerk.  
Office hours from 9 A. M. to 5 P. M.; Saturdays, closing at 12 M.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court-room, corner Third Avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.  
John M. Tierney, Justice. Thomas A. Maher, Clerk.

#### BOROUGH OF BROOKLYN.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.  
John J. Walsh, Justice. Edward Moran, Clerk.  
Clerk's Office open from 9 A. M. to 4 P. M.  
Calendar called at 10 A. M.



Second District—Seventh, Ninth, Eleventh, Twentieth, Twenty-first and Twenty-third Wards. Court-room located at No. 45 Gates avenue, Brooklyn. Calendar called at 10 o'clock A. M.  
Gerard B. Van Wort, Justice. William H. Allen, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.

William J. Lynch, Justice. John W. Carpenter, Clerk.

Clerk's Office from 9 A. M. to 4 P. M.  
Court opens at 10 o'clock.

Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.

Thomas H. Williams, Justice.

G. J. Wiederhold, Clerk.

R. M. Bennett, Assistant Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Fifth District—Eighth, Twenty-second, Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-house, northwest corner of Third street and Third avenue.

Cornelius Furgueson, Justice. Jeremiah J. O'Leary, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

#### BOROUGH OF QUEENS.

First District—First Ward (all of Long Island City, formerly composing five wards). Court-room, No. 46 Jackson avenue, Long Island City.

Clerk's Office open from 9 A. M. to 4 P. M. each day excepting Saturdays, closing at 12 M. Trial days Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.

Thomas C. Kadien, Justice. Thomas F. Kennedy, Clerk.

Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room, in Court-house of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. Address, Elmhurst, New York.

William Rasquin, Jr., Justice. Henry Walter, Jr., Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Third District—Fourth and Fifth Wards, comprising the territory of the former towns and villages of Jamaica, Far Rockaway and Rockaway Beach.

James F. McLaughlin, Justice. George W. Damon, Clerk.

Court-house, Town Hall, Jamaica.

Telephone, 189 Jamaica.

Clerk's Office open from 9 A. M. to 4 P. M.

Court held on Mondays, Wednesdays and Fridays at 10 o'clock A. M.

#### BOROUGH OF RICHMOND.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

John J. Kenney, Justice. Anning S. Prall, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Court held each day except Saturdays, from 10 A. M.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.

George W. Stake, Justice. Peter Tierman, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Court held each day from 10 A. M., and continued until close of business.

### BROOKLYN DISCIPLINARY TRAINING SCHOOL.

BOARD OF MANAGERS OF THE BROOKLYN DISCIPLINARY TRAINING SCHOOL FOR BOYS (CENTRAL OFFICE), 4 AND 5 COURT SQUARE, BOROUGH OF BROOKLYN, NEW YORK CITY.

#### TO CONTRACTORS.

#### PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Supplies Committee of the Board of Managers of the Brooklyn Disciplinary Training School for Boys at the above office until 12 o'clock M., on

THURSDAY, DECEMBER 22, 1904.

FOR FURNISHING AND DELIVERING GROCERIES, VEGETABLES, MEATS, FISH, BREAD, ROLLS AND PIE, MILK AND CREAM, ICE, DRY GOODS AND CLOTH, AND TAILOR-SHOP SUPPLIES, HARDWARE, LEATHER AND SHOE-SHOP SUPPLIES, LUMBER, ENGINEER'S SUPPLIES, DRUGS, ETC., EDUCATIONAL AND SCHOOL SUPPLIES, PAINTS, OILS, ETC., HAY, GRAIN AND FEED.

The time for the performance of the contract is during the year 1905.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms may be obtained at the office of the Board of Managers, Nos. 4 and 5 Court square, Borough of Brooklyn.

The bidder will state the price of each item contained in the specifications herein contained or hereto annexed, by which the bids will be tested.

The extensions of each class must be made and footed up, as the bids will be read from the total footings and awards made to the lowest bidder on each item, as specified in schedule or annexed specifications.

MORRIS ADLER,

President, Board of Managers.

PETER BOGERT,

Secretary, Board of Managers.

THE CITY OF NEW YORK, December 2, 1904.

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See General Instructions to Bidders on the last page, last column, of the "City Record."

### DEPARTMENT OF DOCKS AND FERRIES.

#### SALE OF OLD MATERIAL.

THOMAS BOWE, AUCTIONEER, WILL SELL on behalf of the Department of Docks and Ferries, on

THURSDAY, DECEMBER 15, 1904,

commencing at 10 o'clock A. M., at the Wallabout Basin, in the Borough of Brooklyn, the following lots of OLD MATERIAL:

At the Wallabout Basin—Brooklyn.

Lot No. 1. Raft of about 18 spruce piles about 36 feet long.

Lot No. 2. Raft of 12 by 12 yellow pine timber 35 feet long, 25 feet wide and 4 feet deep.

Lot No. 3. Raft of about 18 oak piles and 3-inch by 10-inch yellow pine about 30 feet long, 25 feet wide and 2 feet deep.

Lot No. 4. Raft of 3-inch by 10-inch yellow pine 27 feet long, 20 feet wide and 3 feet deep.

Lot No. 5. Raft of about 31 yellow pine pile butts about 8 feet long.

Lot No. 6. Raft of about 38 yellow pine pile butts about 26 feet long.

Lot No. 7. Raft of about 20 yellow pine pile butts about 26 feet long.

Lot No. 8. Raft of about 25 yellow pine pile butts about 26 feet long.

Lot No. 9. Raft consisting of about 5 spruce piles 20 feet long and about 17 pieces of 12-inch by 12-inch yellow pine 28 feet long.

Lot No. 10. Old bottom of catamaran with 4 oak piles and 3 yellow pine piles about 35 feet long.

Lot No. 11. Bunch of about 20 yellow pine piles about 25 feet long.

Lot No. 12. Raft of 3-inch by 10-inch yellow pine plank about 20 feet long, 10 feet wide and 1 foot deep.

Lot No. 13. Raft of about 11 yellow pine pile butts about 18 feet long.

Lot No. 14. Raft consisting of about 10 spruce piles about 25 feet long, and about 2 pieces of 12-inch by 12-inch yellow pine about 25 feet long.

Lot No. 15. Raft consisting of about 6 spruce piles about 25 feet long and miscellaneous 4 by 10 yellow pine planks.

Lot No. 16. Raft of 12-inch by 12-inch yellow pine timber about 40 feet long, 20 feet wide and 1 foot deep.

Lot No. 17. Bottom of old catamaran containing about 22 oak piles and about 6 spruce piles, varying in length from 35 to 60 feet long.

Lot No. 18. Raft of about 21 pile butts about 26 feet long.

Lot No. 19. Raft of about 21 yellow pine pile butts about 26 feet long.

Lot No. 20. Raft of about 18 pile butts about 25 feet long.

Lot No. 21. Raft of about 18 pile butts about 25 feet long.

Lot No. 22. Raft of about 9 pile butts about 26 feet long.

Lot No. 23. Raft of about 33 pile butts about 25 feet long.

Lot No. 24. Raft of about 12 pile butts about 25 feet long.

Lot No. 25. Raft of about 23 pile butts about 26 feet long.

Lot No. 26. Raft of about 15 pile butts about 6 to 9 feet long.

Lot No. 27. Raft of about 25 pile butts about 7 to 10 feet long.

Lot No. 28. Raft of about 22 pile butts about 6 to 10 feet long.

Lot No. 29. Raft of about 27 pile butts about 7 to 9 feet long.

Lot No. 30. Raft of about 20 pile butts about 25 feet long.

Lot No. 31. Raft of about 12 pile butts about 25 feet long.

Lot No. 32. Raft of about 18 pile butts about 25 feet long.

Lot No. 33. Raft of about 21 pile butts about 25 feet long.

Lot No. 34. Raft of about 25 pile butts about 25 feet long.

#### TERMS OF SALE.

The sale will commence at 10 o'clock A. M.

Each of the above lots will be sold separately and for a sum in gross.

The estimated quantities stated to be in the several lots are believed to be correct; but the Commissioner of Docks will not make any allowance from the purchase money for short deliveries on any lot, and bidders must judge for themselves as to the correctness of the estimate of quantity when making their bids.

If the purchaser or purchasers fails or fail to effect removal of the material within ten days from the date of sale, he or they shall forfeit his or their purchase money or moneys and the ownership of the material.

Terms of sale to be cash, to be paid at the time of sale.

An order will be given for the material purchased.

Dated THE CITY OF NEW YORK, November 29, 1904.

MAURICE FEATHERSON,

Commissioner of Docks.

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DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 2 o'clock P. M., on

TUESDAY, DECEMBER 20, 1904.

#### Borough of Manhattan.

CONTRACT NO. 879.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRING ASPHALT PAVEMENT ON THE NORTH AND EAST RIVERS TOGETHER WITH ALL WORK INCIDENT THEREON.

The time for the completion of the work and the full performance of the contract is on or before the expiration of May 31, 1907.

The amount of security required is Sixty-three Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

The work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated DECEMBER 5, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 2 o'clock P. M., on

FRIDAY, DECEMBER 16, 1904.

#### Borough of Brooklyn.

CONTRACT NO. 845.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR LAYING A NEW GRANITE PAVEMENT UPON A SAND FOUNDATION ON THE FILLED-IN LAND ALONG THE NORTHERLY HALF OF FIFTY-SECOND STREET OUTSIDE OF THE LINE OF MEAN HIGH WATER AND IN THE REAR OF THE SHEET PILE BULKHEAD BETWEEN FIFTY-FIRST AND FIFTY-SECOND STREETS, IN THE BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of thirty calendar days.

The amount of security required is Two Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

The work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated DECEMBER 5, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 2 o'clock P. M., on

FRIDAY, DECEMBER 16, 1904.

#### Borough of Brooklyn.

CONTRACT NO. 845.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR LAYING A NEW GRANITE PAVEMENT UPON A SAND FOUNDATION ON THE FILLED-IN LAND ALONG THE NORTHERLY HALF OF FIFTY-SECOND STREET OUTSIDE OF THE LINE OF MEAN HIGH WATER AND IN THE REAR OF THE SHEET PILE BULKHEAD BETWEEN FIFTY-FIRST AND FIFTY-SECOND STREETS, IN THE BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of thirty calendar days.

The amount of security required is Two Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

The work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated DECEMBER 5, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 2 o'clock P. M., on

FRIDAY, DECEMBER 16, 1904.

#### Borough of Brooklyn.

CONTRACT NO. 845.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR LAYING A NEW GRANITE PAVEMENT UPON A SAND FOUNDATION ON THE FILLED-IN LAND ALONG THE NORTHERLY HALF OF FIFTY-SECOND STREET OUTSIDE OF THE LINE OF MEAN HIGH WATER AND IN THE REAR OF THE SHEET PILE BULKHEAD BETWEEN FIFTY-FIRST AND FIFTY-SECOND STREETS, IN THE BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of thirty calendar days.

The amount of security required is Two Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

The work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated DECEMBER 5, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 2 o'clock P. M., on

FRIDAY, DECEMBER 16, 1904.

#### Borough of Brooklyn.

CONTRACT NO. 845.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR LAYING A NEW GRANITE PAVEMENT UPON A SAND FOUNDATION ON THE FILLED-IN LAND ALONG THE NORTHERLY HALF OF FIFTY-SECOND STREET OUTSIDE OF THE LINE OF MEAN HIGH WATER AND IN THE REAR OF THE SHEET PILE BULKHEAD BETWEEN FIFTY-FIRST AND FIFTY-SECOND STREETS, IN THE BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of thirty calendar days.

The amount of security required is Two Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

The work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated DECEMBER 5, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

FOR AND EXTENDING AND REPAIRING THE PIER AT THE FOOT OF EAST THIRTY-SIXTH STREET, EAST RIVER.

The time for the completion of the work and the full performance of the contract is on or before the expiration of forty-five calendar days.

The amount of security required is Eight Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

The work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated DECEMBER 1, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," NORTH RIVER, NEW YORK, MARCH 31, 1904.

THE COMMISSIONER HAS FIXED THE amounts of bonds required on contracts awarded by this Department, as follows:

On all contracts for supplies, 40 per cent. of the estimated cost;

On all contracts, other than contracts for supplies, where the estimated cost is not over \$200,000, 40 per cent. of the estimated cost;

On all contracts, other than contracts for supplies where the estimated cost is over \$200,000, but not over \$1,000,000, 25 per cent. of the estimated cost;

On all contracts, other than contracts for supplies, where the estimated cost is over \$1,000,000, 20 per cent. of the estimated cost.

CHARLES J. COLLINS,

Secretary.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1536, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock P. M., on

WEDNESDAY, DECEMBER 21, 1904.

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING, DELIVERING AND LAYING WATER-MAINS IN COLUMBUS, GRANT, JACKSON AND SAGE AVENUES; IN FILLMORE, GARFIELD, HANCOCK, JEFFERSON, LINCOLN, LOUISE, MADISON, TAYLOR, VAN BUREN, TWO HUNDRED AND THIRTY-TH



**Borough of Brooklyn.**

No. 2. FOR FURNISHING AND DELIVERING GROCERIES, VEGETABLES, PROVISIONS, YEAST, ICE, FORAGE, ETC.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

FRANCIS J. LANTRY,

Commissioner.

Dated December 6, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF CORRECTION AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M., ON

THURSDAY, DECEMBER 22, 1904.

**Borough of Manhattan.**

No. 1. FOR FURNISHING AND DELIVERING FRESH MEATS, FRESH FISH, FLUID AND CONDENSED MILKS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

**Borough of Manhattan.**

No. 2. FOR FURNISHING AND DELIVERING WHITE ASH COAL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

**Borough of Brooklyn.**

No. 1. FOR FURNISHING AND DELIVERING MEATS, FRESH AND CONDENSED MILKS, FISH, ETC., TO THE KINGS COUNTY PENITENTIARY.

The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

FRANCIS J. LANTRY,

Commissioner.

Dated December 6, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF CORRECTION AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M., ON

THURSDAY, DECEMBER 29, 1904.

**Borough of Brooklyn.**

No. 1. FOR FURNISHING AND DELIVERING DRY GOODS, PAINTS, OILS, RUBBER GOODS, ETC., FOR THE KINGS COUNTY PENITENTIARY.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

**Borough of Manhattan.**

No. 2. FOR FURNISHING AND DELIVERING DRY GOODS, NOTIONS, HARDWARE, OILS AND MISCELLANEOUS ARTICLES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before June 30, 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

FRANCIS J. LANTRY,

Commissioner.

Dated December 6, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF CORRECTION AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M., ON

THURSDAY, DECEMBER 15, 1904.

**Borough of Manhattan.**

No. 2. FOR FURNISHING AND DELIVERING POULTRY, SALT PORK, APPLES, ETC., FOR CHRISTMAS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 23, 1904.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

FRANCIS J. LANTRY,

Commissioner.

Dated November 17, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE COMMISSIONER OF CORRECTION AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M., ON

THURSDAY, DECEMBER 15, 1904.

**Borough of Manhattan.**

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ERECTION AND COMPLETION OF AN EXTENSION TO THE PRESENT BOILER-HOUSE, NEW UNDERGROUND CHIMNEY CONNECTION, TRENCH FROM NEW TO OLD BOILER-HOUSE, ETC., TO BRANCH WORK-HOUSE, HART'S ISLAND.

The time for the completion of the work and the full performance of the contract is 175 working days.

The amount of security required is fifty per cent. (50%) of the amount of bid or estimate.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

FRANCIS J. LANTRY,

Commissioner.

Dated November 15, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

**BOROUGH OF MANHATTAN.**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A PETITION SIGNED BY PROPERTY-OWNERS AND RESIDENTS OF THE WASHINGTON HEIGHTS DISTRICT FOR LOCAL IMPROVEMENTS, FOR THE ACQUISITION OF TITLE TO WEST ONE HUNDRED AND SEVENTY-NINTH STREET, FROM BROADWAY TO HAVEN AVENUE, HAS BEEN FILED IN THIS OFFICE, AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 11 A. M., AT WHICH MEETING SAID PETITION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A PETITION SIGNED BY PROPERTY-OWNERS AND RESIDENTS OF THE WASHINGTON HEIGHTS DISTRICT FOR LOCAL IMPROVEMENTS, FOR THE ACQUISITION OF TITLE TO WEST ONE HUNDRED AND SEVENTY-EIGHTH STREET, FROM BROADWAY TO HAVEN AVENUE, HAS BEEN FILED IN THIS OFFICE, AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 11 A. M., AT WHICH MEETING SAID PETITION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A PETITION SIGNED BY PROPERTY-OWNERS AND RESIDENTS OF THE WASHINGTON HEIGHTS DISTRICT FOR LOCAL IMPROVEMENTS, FOR ACQUIRING TITLE TO WEST ONE HUNDRED AND SEVENTY-FIFTH STREET FROM BROADWAY TO HAVEN AVENUE, HAS BEEN FILED IN THIS OFFICE, AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 11 A. M., AT WHICH MEETING SAID PETITION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A COMMUNICATION SIGNED BY THE COMMISSIONER OF PUBLIC WORKS, RECOMMENDING THE FENCING OF VACANT LOTS AT NOS. 140-152 WEST SIXTY-THIRD STREET, HAS BEEN FILED IN THIS OFFICE, AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 12 M., AT WHICH MEETING SAID COMMUNICATION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A PETITION SIGNED BY PROPERTY-OWNERS AND RESIDENTS OF THE WASHINGTON HEIGHTS DISTRICT FOR LOCAL IMPROVEMENTS, FOR PAVING WITH SHEET ASPHALT ON CONCRETE FOUNDATION, NAGLE AVENUE, FROM BROADWAY TO TENTH AVENUE, HAS BEEN FILED IN THIS OFFICE, AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 11 A. M., AT WHICH MEETING SAID PETITION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

the 20th day of December, 1904, at 11 A. M., at which meeting said petition will be submitted to the Board.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A COMMUNICATION SIGNED BY THE COMMISSIONER OF PUBLIC WORKS, RECOMMENDING THE REPAIR OF SIDEWALKS IN FRONT OF NOS. 140-152 WEST SIXTY-THIRD STREET, HAS BEEN FILED IN THIS OFFICE, AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS OF THE RIVERSIDE DISTRICT FOR LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 12 M., AT WHICH MEETING SAID COMMUNICATION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN,

NEW YORK, December 6, 1904.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE WITH SECTION 432 OF THE CHARTER OF THE CITY OF NEW YORK, THAT A PETITION SIGNED BY PROPERTY-OWNERS AND RESIDENTS OF THE WASHINGTON HEIGHTS DISTRICT FOR LOCAL IMPROVEMENTS FOR THE OPENING OF A NEW STREET OR AVENUE LOCATED ABOUT 200 FEET FROM THE WESTERLY SIDE OF BROADWAY, TO WIT: BEGINNING ON THE NORTH ELY SIDE OF ONE HUNDRED AND EIGHTY-FIRST STREET, AT A POINT 200 FEET FROM THE WESTERLY SIDE OF BROADWAY AND RUNNING GENERALLY IN A NORTHERLY AND NORTHWESTERLY COURSE, AND PARALLEL WITH BROADWAY AT ABOUT AN AVERAGE DISTANCE OF 50 FEET FROM SAID WESTERLY SIDE OF BROADWAY TO A POINT OPPOSITE THE INTERSECTION OF NAGLE AVENUE WITH THE EASTERLY SIDE OF BROADWAY; THENCE IN AN EASTERLY COURSE TO THE WESTERLY SIDE OF BROADWAY, OPPOSITE THE INTERSECTION OF NAGLE AVENUE WITH BROADWAY, HAS BEEN FILED IN THIS OFFICE AND IS NOW READY FOR PUBLIC INSPECTION, AND THAT A MEETING OF THE BOARD OF LOCAL IMPROVEMENTS OF THE WASHINGTON HEIGHTS DISTRICT FOR LOCAL IMPROVEMENTS WILL BE HELD IN THE BOROUGH OFFICE, CITY HALL, ON THE 20TH DAY OF DECEMBER, 1904, AT 11 A. M., AT WHICH MEETING SAID PETITION WILL BE SUBMITTED TO THE BOARD.

JOHN F. AHEARN,

President.

BERNARD DOWNING,

Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF THE BOROUGH OF MANHATTAN, AT THE CITY HALL, ROOM NO. 16, UNTIL 3 O'CLOCK P. M., ON

WEDNESDAY, DECEMBER 14, 1904.

No. 1. FOR REGULATING AND REPAVING WITH WOOD BLOCK PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF JOHN STREET, FROM BROADWAY TO NASSAU STREET.

Engineer's estimate of amount of work to be done:

960 square yards wood block pavement.  
140 cubic yards concrete, including mortar bed.  
100 linear feet new bluestone curbstone furnished and set.  
310 linear feet old bluestone curbstone redressed, rejointed and reset.  
2 noiseless covers, complete, for sewer manholes furnished and set.  
1 noiseless cover, complete, for water manhole furnished and set.

Time allowed for doing and completing the work will be 20 working days.  
Amount of security required will be One Thousand Dollars.

No. 2. FOR REGULATING AND REPAVING WITH WOOD BLOCK PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF HUDSON STREET, FROM THE SOUTH SIDE OF JAY STREET TO THE NORTH SIDE OF WORTH STREET; JAY STREET, FROM EAST SIDE OF HUDSON STREET TO WEST SIDE OF STAPLE STREET, AND STAPLE STREET, FROM THE SOUTH SIDE OF JAY STREET TO THE SOUTH SIDE OF HARRISON STREET.

Engineer's estimate of amount of work to be done:

1,890 square yards wood block pavement.  
261 cubic yards concrete, including mortar bed.  
480 linear feet new bluestone curbstone furnished and set.  
20 linear feet of old bluestone curbstone redressed, rejointed and reset.  
3 noiseless covers, complete, for sewer manholes furnished and set.  
3 noiseless covers, complete, for water manholes, furnished and set.

Time allowed for doing and completing the work will be 40 working days.

Amount of security required will be One Thousand Five Hundred Dollars.

No. 3. FOR REGULATING AND REPAVING WITH ASPHALT BLOCK PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF BROADWAY, FROM ONE HUNDRED AND NINETEENTH STREET TO MANHATTAN STREET.

Engineer's estimate of amount of work to be done:

16,230 square yards asphalt block pavement.  
2,250 cubic yards concrete, including mortar bed.  
3,090 linear feet new bluestone curbstone furnished and set.  
1,300 linear feet old bluestone curbstone redressed, rejointed and reset.  
10 noiseless covers, complete, for sewer manholes furnished and set.  
4 noiseless covers, complete, for water manholes furnished and set.

Time allowed for doing and completing the work will be 75 working days.

Amount of security required will be Twelve Thousand Dollars.

No. 4. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF PARK AVENUE, FROM A POINT 20 FEET NORTH OF THE NORTHERLY LINE OF EAST ONE HUNDRED AND THIRTY-SECOND STREET TO THE SOUTHERLY LINE OF EAST ONE HUNDRED AND THIRTY-FIFTH STREET, EXCEPT THAT PART OF THE WESTERLY SIDE OF THE ROADWAY BETWEEN THE POINT 20 FEET NORTH OF THE NORTHERLY LINE OF EAST ONE HUNDRED AND THIRTY-SECOND STREET AND THE NORTHERLY CROSSWALK OF EAST ONE HUNDRED AND THIRTY-THIRD STREET, WHICH IS ALREADY PAVED WITH GRANITE BLOCK AND CURB AND RESET CURB ON SAME.

Engineer's estimate of amount of work to be done:

4,587 square yards asphalt pavement, including binder course.  
640 cubic yards concrete.  
600 linear feet new bluestone curbstone, furnished and set.  
50 linear feet old bluestone curbstone, redressed, rejointed and reset.  
1 noiseless cover, complete, for water manhole, furnished and set (not to be bid for).

Time allowed for doing and completing the work will be 40 working days.

Amount of security required will be Four Thousand Dollars.

No. 5. FOR REGULATING AND REPAVING WITH ASPHALT PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF THE WESTERLY PORTION OF PARK AVENUE, FROM A POINT 20 FEET NORTH OF THE NORTH HOUSE LINE OF ONE HUNDRED AND THIRTY-SECOND STREET TO NORTH LINE OF ONE HUNDRED AND THIRTY-THIRD STREET.

Engineer's estimate of amount of work to be done:

1,332 square yards asphalt pavement, including binder course.  
185 cubic yards of concrete.  
150 linear feet new bluestone curbstone, furnished and set.  
50 linear feet old bluestone curbstone, redressed, rejointed and reset.  
2 noiseless covers for sewer manholes, furnished and set (complete).  
2 noiseless covers, complete, for water manholes, furnished and set.

Time allowed for doing and completing the work will be 20 working days.

Amount of security required will be One Thousand Dollars.

No. 6. FOR REGULATING AND REPAVING WITH ASPHALT PAVEMENT ON PRESENT PAVEMENT RELAY AS FOUNDATION THE ROADWAY OF DOWNING STREET, FROM BEDFORD STREET TO BLEECKER STREET.

Engineer's estimate of amount of work to be done:

930 square yards asphalt pavement, including binder course.  
940 square yards old stone pavement to be relaid as foundation or in approaches, etc.  
760 linear feet new bluestone curbstone, furnished and set.  
20 linear feet old bluestone curbstone, redressed, rejointed and reset.  
3 noiseless covers, complete, for sewer manholes, furnished and set.  
1 noiseless cover, complete, for water manhole, furnished and set.

Time allowed for doing and completing the work will be 30 working days.

Amount of security required will be One Thousand Dollars.

No. 7. FOR REGULATING, GRADING, CURBING AND FLAGGING THAT PORTION OF THE SOUTHERLY SIDE OF DELANCEY STREET, FROM CLINTON STREET TO THE BOWERY, 100 FEET FROM THE OLD SOUTHERLY LINE OF DELANCEY STREET TO THE NEW LINE OF DELANCEY STREET.

Engineer's estimate of amount of work to be done:

6,000 cubic yards of filling to be furnished (exclusive of that secured from excavation).  
2,700 linear feet new bluestone curbstone furnished and set.  
39,000 square feet new flagstone furnished and set.

Time allowed for doing and completing the work will be 100 working days.

Amount of security required will be Five Thousand Dollars.

The contracts must be bid for separately and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

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 as the bids will be read from the total.

Blank forms may be had and the plans and drawings may be seen at the office of the Commissioner of Public Works, Nos. 13-21 Park row, Bureau of Highways, Borough of Manhattan.

JOHN F. AHEARN,

Borough President.

THE CITY OF NEW YORK, December 2, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

NOTICE OF SALE AT PUBLIC AUCTION.

ON MONDAY, DECEMBER 12, 1904, the President of the Borough of Manhattan will sell, through Joseph P. Day, Auctioneer, at public auction, at 11 o'clock A. M., the following lots of second-hand paving blocks:

Lot No. 1.  
170,000 Corporation Yard at foot of Broome street and the East river.  
Lot No. 2.  
120,000 Corporation Yard at foot of Sixteenth street and the North river.  
Lot No. 3.  
65,000 Corporation Yard at foot of Seventeenth street and the North river.  
Lot No. 4.  
45,000 Corporation Yard in West Forty-fourth street, between Eleventh and Twelfth avenues.

400,000 The sale to commence at the Broome Street Corporation Yard; thence to the Six



A separate proposal must be submitted for each item, and the award will be made thereon.

On Contract No. 7 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth Street, Borough of Manhattan; also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

**C. B. J. SNYDER,**  
Superintendent of School Buildings.  
Dated DECEMBER 8, 1904. d8,19

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Buildings at the above office of the Department of Education until 11 o'clock A. M., on

**MONDAY, DECEMBER 19, 1904.**  
**Borough of The Bronx.**

No. 2. FOR SANITARY WORK OF ADDITION TO AND ALTERATIONS IN PUBLIC SCHOOL 10, ON SOUTH SIDE OF TWO HUNDRED AND THIRTY-FIFTH STREET, ABOUT 200 FEET EAST OF KEPLER AVENUE, BOROUGH OF THE BRONX.

The time of completion is 40 working days.

The amount of security required is One Thousand Eight Hundred Dollars.

No. 3. FOR INSTALLING ELECTRIC EQUIPMENT IN NEW PUBLIC SCHOOL 41, ON THE SOUTHEAST CORNER OF RICHARD AND TWO HUNDRED AND NINTH STREETS, BOROUGH OF THE BRONX.

The time of completion is 90 working days.

The amount of security required is Two Thousand Three Hundred Dollars.

**Borough of Queens.**

No. 4. FOR ITEM 1. INSTALLING HEATING AND VENTILATING APPARATUS, AND ITEM 2. INSTALLING ELECTRIC EQUIPMENT FOR ADDITION TO AND ALTERATIONS IN PUBLIC SCHOOL 22, ON THE NORTHEAST CORNER OF SANFORD AVENUE AND MURRAY STREET, FLUSHING, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be 50 working days, as provided in the contract.

The amount of security required is as follows:

Item 1..... \$5,000 00

Item 2..... 600 00

No. 5. FOR FIRE ESCAPES AND ALTERATIONS IN PUBLIC SCHOOL 44, ON THE SOUTHEAST CORNER OF BOULEVARD AND ACADEMY STREET, HOLLANDS, ROCKAWAY BEACH, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be 90 working days, as provided in the contract.

The amount of security required is as follows:

Item 1..... \$4,000 00

Item 2..... 600 00

Item 3..... 500 00

**Borough of Richmond.**

No. 6. FOR THE GENERAL CONSTRUCTION OF NEW PUBLIC SCHOOL 23, ON THE NORTHWEST CORNER OF WASHINGTON AVENUE AND THOMPSON STREET, GRANT CITY, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be 125 working days, as provided in the contract.

The amount of security required is Ten Thousand Dollars.

On contracts Nos. 2, 3 and 6 the bids will be compared and the contract awarded in a lump sum to the lowest bidder on each contract.

On contracts Nos. 4 and 5 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth Street, Borough of Manhattan; also at Branch Office, No. 69 Broadway, Flushing, Borough of Queens, and Savings Bank Building, Stapleton, Borough of Richmond, for work for their respective boroughs.

**C. B. J. SNYDER,**  
Superintendent of School Buildings.  
Dated DECEMBER 8, 1904. d8,19

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Buildings at the above office of the Department of Education, until 11 o'clock A. M., on

**MONDAY, DECEMBER 19, 1904.**  
**Borough of Brooklyn.**

No. 1. FOR ALTERATIONS, OUTSIDE STAIRWAYS, ETC., AT PUBLIC SCHOOLS 90, 95, 96, 97 AND 100, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be 55 working days, as provided in the contract.

The amount of security required on each school will be as follows:

Public School 90..... \$900 00

Public School 95..... 600 00

Public School 96..... 500 00

Public School 97..... 400 00

Public School 100..... 1,800 00

On Contract No. 1 the bids will be compared and the contract awarded in a lump sum to the lowest bidder on each contract.

The bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth Street, Borough of Manhattan; also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

**C. B. J. SNYDER,**  
Superintendent of School Buildings.  
Dated DECEMBER 8, 1904. d8,19

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, SOUTHWEST CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Buildings at the above office of the Department of Education, until 11 o'clock A. M., on

**MONDAY, DECEMBER 12, 1904.**  
**Borough of Manhattan.**

No. 3. FOR SANITARY WORK AT NEW PUBLIC SCHOOL 63, ON THIRD AND FOURTH STREETS, ABOUT 213 FEET EAST OF FIRST AVENUE, BOROUGH OF MANHATTAN.

The time of completion is 150 working days.

The amount of security required is Nine Thousand Dollars.

No. 4. FOR SANITARY WORK AT NEW PUBLIC SCHOOL 122, ON EAST SIDE OF WADSWORTH AVENUE, BETWEEN ONE HUNDRED AND EIGHTY-SECOND AND ONE HUNDRED AND EIGHTY-THIRD STREETS, BOROUGH OF MANHATTAN.

The time of completion is 90 working days.

The amount of security required is Three Thousand Dollars.

**Borough of Queens.**

No. 5. FOR FIRE ESCAPES AND ALTERATIONS IN PUBLIC SCHOOL 44, ON SOUTHEAST CORNER OF BOULEVARD AND ACADEMY STREET, HOLLANDS, ROCKAWAY BEACH, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be 90 working days.

The amount of security required is as follows:

Item 1..... \$900 00

Item 2..... 600 00

Item 3..... 500 00

On Contracts Nos. 3 and 4 the bids will be compared and the contract awarded in a lump sum to the lowest bidder on each contract.

On Contract No. 5 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth Street, Borough of Manhattan; also at Branch Office, No. 69 Broadway, Flushing, Borough of Queens, for work for their respective boroughs.

**C. B. J. SNYDER,**  
Superintendent of School Buildings.  
Dated DECEMBER 1, 1904. d1,12

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Buildings at the above office of the Department of Education until 11 o'clock A. M., on

**MONDAY, DECEMBER 12, 1904.**  
**Borough of Brooklyn.**

No. 1. FOR THE GENERAL CONSTRUCTION OF NEW PUBLIC SCHOOL 140, ON THE SOUTH SIDE OF SUTTER AVENUE, BETWEEN WYONA AND VERMONT AVENUES, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 350 working days, as provided in the contract.

The amount of security required is Two Hundred Thousand Dollars.

No. 2. FOR INSTALLING ELECTRIC EQUIPMENT IN THE ADDITION TO PUBLIC SCHOOL 132, ON THE SOUTH SIDE OF CONSLYEA STREET, CORNER OF MANHATTAN AVENUE, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 100 working days, as provided in the contract.

The amount of security required is Two Thousand Dollars.

On Contracts Nos. 1 and 2 the bids will be compared and the contract awarded in a lump sum to the lowest bidder on each contract.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth Street, Borough of Manhattan; also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

**C. B. J. SNYDER,**  
Superintendent of School Buildings.  
Dated NOVEMBER 30, 1904. n30,d12

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Buildings at the above office of the Department of Education, until 11 o'clock A. M., on

**TUESDAY, DECEMBER 20, 1904.**  
**Borough of Manhattan and The Bronx.**

No. 1. FOR FURNISHING AND DELIVERING TWENTY (20) FIRE ALARM SIGNAL BOXES.

The time for the delivery of the boxes and the full performance of the contract is sixty (60) days.

The amount of security required is Six Hundred Dollars (\$600).

No. 2. FOR FURNISHING AND DELIVERING SUPPLIES FOR THE REPAIR SHOPS.

The time for the delivery of the supplies and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

No. 3. FOR FURNISHING AND DELIVERING IRON AND STEEL FOR THE REPAIR SHOPS.

The time for the delivery of the iron and steel and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

No. 4. FOR FURNISHING AND DELIVERING IRON AND STEEL FOR THE REPAIR SHOPS.

The time for the delivery of the iron and steel and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

No. 5. FOR FURNISHING AND DELIVERING IRON AND STEEL FOR THE REPAIR SHOPS.

The time for the delivery of the iron and steel and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

No. 6. FOR FURNISHING AND DELIVERING IRON AND STEEL FOR THE REPAIR SHOPS.

The time for the delivery of the iron and steel and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

No. 7. FOR FURNISHING AND DELIVERING IRON AND STEEL FOR THE REPAIR SHOPS.

The time for the delivery of the iron and steel and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

No. 8. FOR FURNISHING AND DELIVERING IRON AND STEEL FOR THE REPAIR SHOPS.

The time for the delivery of the iron and steel and the full performance of the contract is thirty (30) days.

The amount of security required is Five Hundred Dollars (\$500).

The amount of security required is Five Hundred Dollars (\$500).

**Borough of Brooklyn and Queens.**

No. 1. FOR FURNISHING AND DELIVERING TEN (10) HORSES.

The time for the delivery of the horses and the full performance of the contract is thirty (30) days.

The amount of security required is Fifteen Hundred Dollars (\$1,500).

No. 2. FOR FURNISHING AND DELIVERING THREE BOAT TENDERS.

The time for the delivery of the boat tenders and the full performance of the contract is ninety (90) days.

The amount of security required is Eighteen Hundred Dollars (\$1,800).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total for each item (class) and awards made to the lowest bidder on each item (class); or the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh Street, Manhattan.

**NICHOLAS J. HAYES,**  
Fire Commissioner.  
Dated DECEMBER 7, 1904. d8,20

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

**TUESDAY, DECEMBER 20, 1904.**  
**Borough of Manhattan and The Bronx.**

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR GENERAL REPAIRS TO AND EXTENDING AND IMPROVING THE FIRE ALARM TELEGRAPH SYSTEM IN THE BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is one hundred and twenty (120) days.

The amount of security required is Twelve Thousand Dollars (\$12,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh Street, Manhattan.

**NICHOLAS J. HAYES,**  
Fire Commissioner.  
Dated DECEMBER 7, 1904. d8,20

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS FIRE DEPARTMENT, CITY OF NEW YORK, BOROUGH OF MANHATTAN AND THE BRONX.

**SALE OF HORSES.**

**A. SEBASTIAN, AUCTIONEER, ON BEHALF** of the Fire Department of the City of New York, will offer for sale to the highest bidder, for cash, at the Hospital and Training Stables, Nos. 123 and 125 West Ninety-ninth Street, Borough of Manhattan, on Saturday, December 17, 1904, at 12 o'clock M., the following four horses, which are no longer fit for service in the Department, and known by the numbers, 1074, 1111, 1327 and 1577.

**NICHOLAS J. HAYES,**  
Fire Commissioner.  
Dated DECEMBER 7, 1904. d8,17

**NEW YORK, December 1, 1904.**

**THE FOLLOWING REGULATIONS FOR STANDPIPES (FIRE LINES) WORK IN BUILDINGS OF CERTAIN CLASSES, REQUIRED UNDER THE PROVISIONS OF SECTION 762, CHAPTER 378, OF THE LAWS OF 1897, AS AMENDED BY CHAPTER 466 OF THE LAWS OF 1901; AND SECTIONS 102 AND 109 OF THE BUILDING CODE, ARE HEREBY APPROVED AND ESTABLISHED, TO TAKE EFFECT IMMEDIATELY.**

**REGULATIONS FOR INSTALLATION OF STANDPIPES (FIRE LINES).**

**STANDPIPES WILL BE REQUIRED IN** all buildings exceeding 100 feet in height, erected prior to December 25, 1899, and in all buildings exceeding 85 feet in height erected since same date.

Such buildings as come within above classification, and which do not exceed 150 feet in height, in which standpipes (fire lines) now installed are less than three inches in diameter, must be provided with lines four inches in diameter, and in such buildings as exceed 150 feet in height the fire line must be six inches in diameter, unless the lines already installed are considered satisfactory and approved by the Fire Department.

These standpipes must be of wrought iron or steel of sufficient strength to withstand the necessary pressure (in no case less than 300 pounds to the square inch) to force adequate streams of water to any of the floors of the building, or to the roof, and must extend from cellar to roof and be connected with outside two-way three-inch standard Fire Department connections, with clapper valves and proper caps, placed on street front of buildings, above curb level, in a position accessible for use of Fire Department and arranged so that the clapper valves will hang properly. These standpipes must be provided with proper valves (gate valves preferred) and 2 1/2-inch outlets of the regular Fire Department pattern and thread on each floor level, with sufficient standard 2 1/2-inch hose and nozzles attached thereto to properly cover entire floor area, arranged on proper and approved racks or reels, with approved open or controlling nozzles. Proper check valves shall be placed in top and bottom of such lines as are required to use tank or pump supply, or both. The hose outlets and hose must be located within stairway inclosures, except where impracticable to do so for reasons satisfactory to the department.

Where more than one standpipe is installed, cross connections, preferably in basement, of same size as main risers, with proper gate and check valves, must be provided.

In all buildings over 150 feet in height and in such buildings as come within these regulations

as to height and are occupied for living purposes, such as hotels, hospitals, asylums, etc., also in theatres, the standpipe line must have approved tank or pump supply, or both.

Tanks—Bottom of gravity tanks must be elevated at least 20 feet above highest hose outlet, provided with separate feed supply, and such tanks shall be of not less than 3,500 gallons capacity. If used for domestic purposes, feed lines must be properly arranged to insure constant supply.

Pressure tank supply system or direct supply from street mains will be permitted in some cases if circumstances warrant and pressures are adequate.

All wrought iron and steel pipes must be equal in quality to standard.

All joints must be screwed joints, made up with red lead, and be thoroughly water tight.

All standpipes must rest on brick pier foundations or on heavy iron hangers suspended from floor beams at the discretion of officer in charge of bureau.

Horizontal supply lines must be supported by heavy iron hangers from floor beams at intervals of not more than ten feet, and vertical main lines, properly stayed, at each floor level; all to be securely braced to withstand vibration.

The arrangement of lines must be straight and as direct as possible. Offsets will be permitted only when unavoidable and bends must be of a radius not less than five diameters of pipe.

All pipes and connections must be readily accessible for inspection and repairing.

Drawings, showing location, sizes and connections, with duplicate descriptions, must be furnished to the Bureau of Violations and Auxiliary Fire appliances for all fire line, or standpipe work.

These drawings must be to scale, and shall consist of such floor plans and sections as may be necessary to show clearly all such work to be done, and must show all partitions, stairway inclosures and elevator shafts.

Prints will be accepted.

The said fire line, or standpipe work, shall not be commenced, or proceeded with, until said drawings and descriptions, in detail, shall have been filed and approved by the officer in charge of the Bureau. No modifications of the approved drawings and descriptions will be permitted unless amended drawings and duplicate descriptions covering the proposed change or changes are filed, and approved by the officer in charge of the Bureau.

Written notice must be given the officer in charge of said Bureau by the contractor when any new work is begun, or when any change or alteration is proposed, and from time to time when any work is ready for inspection.

When conditions exist making it impracticable to follow these regulations, the same may be modified to meet such existing conditions only by the Fire Commissioner on recommendation of the officer in charge of the Bureau.

Any doubt as to the meaning of these regulations, or any obscurity as to the wording of them, will be explained by the officer in charge of the Bureau, on application in writing, and all directions and explanations requisite, proper or necessary to complete or make more definite any of the provisions of said regulations and give them due effect will be given by the officer in charge of the Bureau, and his decision, unless modified, changed or disapproved by the Fire Commissioner, in writing, will be considered final in any dispute that may arise concerning the meaning of any clause of these regulations, or the detail of any plan.

Office for Boroughs of Manhattan and The Bronx, Nos. 157 and 159 East Sixty-seventh Street.

Office for Boroughs of Brooklyn and Queens, Nos. 365 and 367 Jay Street, Brooklyn.

All work of this nature in Borough of Richmond will be subject to approval of Bureau in charge of Boroughs of Manhattan and The Bronx.

**NICHOLAS J. HAYES,**  
Fire Commissioner.  
Dated DECEMBER 1, 1904. d1,20

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

**TUESDAY, DECEMBER 13, 1904.**  
**Borough of Brooklyn and Queens.**

No. 1. FOR FURNISHING AND DELIVERING ONE THIRD SIZE STEAM FIRE ENGINE.

The time for delivery of the engine and the performance of the contract is one hundred and twenty (120) days.



## DEPARTMENT OF FINANCE.

## NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

**TWENTY-FOURTH WARD, SECTION 5.**  
DEAN STREET—REGULATING, GRADING, CURBING, LAYING CEMENT SIDEWALKS AND PAVING, between Sackman street and Rockaway avenue. Area of assessment: Both sides of Dean street, from Sackman street to Rockaway avenue, and to the extent of half the block at the intersecting and terminating streets.

**THIRTIETH WARD.**  
NARROWS AVENUE—SEWER, between Seventy-first street and Shore road, and OUTLET SEWERS IN EIGHTY-THIRD STREET and in EIGHTY-EIGHTH STREET, between Narrows avenue and Shore road, and in SHORE ROAD, between Eighty-eighth street and Eighty-sixth street. Area of assessment: Both sides of Narrows avenue, from Bay Ridge parkway (Shore road) to Seventy-first street; both sides of First avenue, from Seventy-first street to Seventy-eighth street; both sides of Bay Ridge parkway (Shore road), from Eighty-sixth street to Eighty-eighth street; both sides of Seventy-second street, from Second avenue to Bay Ridge parkway; both sides of Seventy-third, Seventy-fourth, Seventy-fifth and Seventy-sixth streets, from Second avenue to Narrows avenue; both sides of Seventy-seventh street, from Second avenue to Bay Ridge parkway; both sides of Seventy-eighth street, from Second avenue to Narrows avenue; both sides of Eighty-third street, from First avenue to Bay Ridge parkway; both sides of Eighty-fifth street, from First avenue to Narrows avenue.

**NINETY-NINTH STREET—SEWERS,** between Third avenue and Fort Hamilton avenue, and OUTLET SEWERS IN THIRD AVENUE, from Ninety-ninth street to Bay Ridge parkway (Shore road); BAY RIDGE PARKWAY (Shore road), from Third avenue to Fourth avenue; FOURTH AVENUE, from Shore road to One Hundred and First street; ONE HUNDRED AND FIRST STREET, from Fourth avenue to Fort Hamilton avenue; FORT HAMILTON AVENUE, from One Hundred and First street to Ninety-second street; ALSO SEWERS IN NINETY-THIRD STREET, NINETY-FOURTH STREET, NINETY-FIFTH STREET and NINETY-SEVENTH STREET, between Marine avenue and Fourth avenue; MARINE AVENUE, between Ninety-second and Ninety-sixth streets; SECOND AVENUE, between the Shore road and Marine avenue, and OUTLET SEWERS IN MARINE AVENUE, between Ninety-sixth street and Fort Hamilton avenue; SECOND AVENUE and THIRD AVENUE, between Ninety-fourth street and Marine avenue. Area of assessment: Both sides of Fort Hamilton avenue, from Narrows avenue to Ninety-second street; both sides of Gelston avenue, from Ninety-second street to Ninety-fourth street; both sides of Fourth avenue, from Denyse street to Ninety-second street; both sides of Fifth avenue, from Ninety-second street to Ninety-fifth street; both sides of Third avenue, from Ninety-second street to Narrows avenue; both sides of Second avenue, from Narrows avenue to Ninety-second street; both sides of Narrows avenue and Shore road, from Fourth avenue to Ninety-third street; both sides of Marine avenue, from Fort Hamilton avenue to Ninety-second street; both sides of Ninety-third street, from Fourth avenue to Shore road; both sides of Oliver street, extending about 205 feet west of Marine avenue; both sides of Ninety-fourth, Ninety-fifth, Ninety-seventh and Ninety-ninth streets, from Fort Hamilton avenue to Shore road; both sides of Ninety-sixth street, from Fourth avenue to Shore road; both sides of One Hundredth street, from Fort Hamilton avenue to Third avenue; both sides of Denyse street (One Hundred and First street), from Fort Hamilton avenue to Fourth avenue.

—that the same were confirmed by the Board of Assessors on December 6, 1904, and entered December 7, 1904, in the Record of Titles and Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the said date of entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides in part that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 A. M. and 2 P. M., and on Saturdays, from 9 A. M. to 12 M., and all payments made thereon on or before January 30, 1905, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

EDWARD M. GROUT, Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, December 7, 1904. }  
d8,22

## NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

**TWENTY-SIXTH WARD.**  
HILL STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Railroad avenue and Euclid avenue. Area of assessment: Both sides of Hill street, from Railroad avenue to Euclid avenue, and to the extent of half the block at the intersecting and terminating streets.

—that the same was confirmed by the Board of Revision of Assessments on December 1, 1904, and entered December 1, 1904, in the Record of Titles and Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the said date of entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides in part, that "If any such assessment shall remain unpaid for the period of sixty

days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above 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, in the Municipal Building, Borough of Brooklyn, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before January 30, 1905, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessment became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, December 1, 1904. }  
d2,15

## NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

**TWENTY-FOURTH WARD, SECTION 11.**  
EAST ONE HUNDRED AND EIGHTY-FOURTH STREET—REGULATING, GRADING, CURBING, FLAGGING AND LAYING CROSSWALKS, from Park avenue to Third avenue. Area of assessment: Both sides of East One Hundred and Eighty-fourth street, from Park avenue to Third avenue, and to the extent of half the block at the intersecting and terminating streets.

**TWENTY-FOURTH WARD, SECTION 12.**  
HULL AVENUE—REGULATING, GRADING, CURBING, FLAGGING AND LAYING CROSSWALKS, from East Two Hundred and Seventh street to Gun Hill road. Area of assessment: Both sides of Hull avenue, from East Two Hundred and Seventh street to Gun Hill road, and to the extent of half the block at the intersecting and terminating streets.

—that the same were confirmed by the Board of Revision of Assessments December 1, 1904 and entered on December 1, 1904, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, 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 January 30, 1905, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

EDWARD M. GROUT, Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, December 1, 1904. }  
d2,15

## NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

**TWELFTH WARD, SECTION 8.**  
TENTH AVENUE—REGULATING, GRADING, CURBING, GUTTERING AND FLAGGING, from Academy street to Broadway. Area of assessment: Both sides of Tenth avenue, from Academy street to Broadway, and to the extent of half the block at the intersecting and terminating streets.

—that the same was confirmed by the Board of Revision of Assessments on December 1, 1904, and entered on December 1, 1904, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on 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, Room No. 85, No. 280 Broadway, Borough of Manhattan, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before January 30, 1905, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, December 1, 1904. }  
d2,15

## NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

**TWENTY-THIRD WARD, SECTION 9.**  
EAST ONE HUNDRED AND THIRTY-SIXTH STREET—PAVING ROADWAY with asphalt pavement and setting curb, from Brook avenue to St. Ann's avenue. Area of assessment: Both sides of East One Hundred and Thirty-sixth street, from Brook avenue to St. Ann's avenue, and to the extent of half the block at the intersecting and terminating streets.

—that the same was confirmed by the Board of Assessors on November 29, 1904, and entered on November 30, 1904, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides in part that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on 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, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, 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 January 30, 1905, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 30, 1904. }  
d1,14

## NOTICE TO TAXPAYERS.

DEPARTMENT OF FINANCE,  
BUREAU FOR THE COLLECTION OF TAXES,  
NEW YORK, December 1, 1904. }

UNDER THE PROVISIONS OF SECTION 919 OF THE Greater New York Charter (chapter 378, Laws of 1897), notice is hereby given to all persons or corporations who have omitted to pay their taxes, "To pay the same in the Borough in which the property is located," as follows:

Borough of Manhattan—No. 57 Chambers street, Manhattan, N. Y.

Borough of The Bronx—Corner Third and Tremont avenues, The Bronx, N. Y.

Borough of Brooklyn—Rooms 2, 4, 6 and 8, Municipal Building, Brooklyn, N. Y.

Borough of Queens—Corner Jackson avenue and Fifth street, Long Island City, N. Y.

Borough of Richmond—Corner Bay and Sand streets, Stapleton, Staten Island, N. Y.

—and that under the provisions of section 916 of said Charter, "If any such tax shall remain unpaid on the first day of December, it shall be the duty of the Receiver of Taxes to charge, receive and collect upon such tax so remaining unpaid on that day, in addition to the amount of such tax, one per centum on the amount thereof, and to charge, receive and collect upon such tax so remaining unpaid on the first day of January thereafter, interest upon the amount thereof at the rate of seven per centum per annum, to be calculated from the day on which said taxes became due and payable (October 3, 1904), as provided by section nine hundred and fourteen of this act, to the date of payment."

DAVID E. AUSTEN, Receiver of Taxes.  
d1,31

## NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the EIGHTH WARD OF THE BOROUGH OF BROOKLYN, pursuant to the provisions of chapter 365 of the Laws of 1889, and the act amendatory thereof, and chapter 378 of the Laws of 1897, and chapter 466 of the Laws of 1901 amendatory thereof, to wit:

**FORTY-FIRST STREET—GRADING AND PAVING,** from Second avenue to Third avenue. Area of assessment: Both sides of Forty-first street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-FIRST STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-first street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-THIRD STREET—GRADING,** from Fifth avenue to the old City line (excepting from Fifth avenue to Seventh avenue). Area of assessment: Both sides of Forty-third street, from Seventh avenue to the old City line, and to the extent of one-half the blocks on Seventh and Eighth avenues.

**FORTY-FOURTH STREET—GRADING AND PAVING,** from Second to Third avenue. Area of assessment: Both sides of Forty-fourth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-FOURTH STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-fourth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-FIFTH STREET—GRADING AND PAVING,** from Second to Third avenue. Area of assessment: Both sides of Forty-fifth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-SIXTH STREET—GRADING AND PAVING,** from Second to Third avenue. Area

of assessment: Both sides of Forty-sixth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-SIXTH STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-sixth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-SEVENTH STREET—GRADING AND PAVING,** from Second to Third avenue. Area of assessment: Both sides of Forty-seventh street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FORTY-EIGHTH STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Forty-eighth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues; also, Lots Nos. 23 to 33, inclusive, of Block 225.

**FORTY-EIGHTH STREET—GRADING,** from Fifth avenue to old City line. Area of assessment: Both sides of Forty-eighth street, between Fifth avenue and the old City line, and to the extent of one-half the blocks on the intersecting and terminating avenues; also, Lots Nos. 23 to 33, inclusive, of Block 225; also, Lots Nos. 9 to 12, inclusive, of Block 229; also, Lot No. 39, of Block 249.

**FIFTIETH STREET—GRADING AND PAVING,** from Second to Third avenue. Area of assessment: Both sides of Fiftieth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FIFTY-SECOND STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-second street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues; also, Lots Nos. 104 and 111 of Block 222.

**FIFTY-THIRD STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-third street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

**FIFTY-FOURTH STREET—GRADING AND PAVING,** from Second to Third avenue. Area of assessment: Both sides of Fifty-fourth street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FIFTY-FIFTH STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-fifth street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

**FIFTY-SEVENTH STREET—GRADING AND PAVING,** between First avenue and Second avenue. Area of assessment: Both sides of Fifty-seventh street, between First and Second avenues, and to the extent of one-half the blocks on the terminating avenues.

**FIFTY-SEVENTH STREET—GRADING AND PAVING,** from Second to Third avenue. Area of assessment: Both sides of Fifty-seventh street, between Second and Third avenues, and to the extent of one-half the blocks on the terminating avenues.

**FIFTY-SEVENTH STREET—GRADING AND PAVING,** from Fifth avenue to Sixth avenue. Area of assessment: Both sides of Fifty-seventh street, between Fifth and Sixth avenues, and to the extent of one-half the blocks on the terminating avenues.

**SIXTH AVENUE—GRADING AND PAVING,** from Thirty-ninth street to Forty-first street. Area of assessment: Both sides of Sixth avenue, between Thirty-ninth and Forty-first streets, and to the extent of one-half the blocks on the intersecting and terminating streets.

**SIXTH AVENUE—GRADING,** from Thirty-ninth street to old City line. Area of assessment: Both sides of Sixth avenue, from Thirty-ninth street to the old City line, and to the extent of one-half the blocks on the following-named intersecting streets, viz.: Fortieth, Forty-first, Forty-fourth to Forty-eighth, inclusive; Fiftieth to Fifty-ninth, inclusive.

**SIXTH AVENUE—GRADING AND PAVING,** from Forty-fourth street to old City line. Area of assessment: Both sides of Sixth avenue, from Forty-fourth street to old City line, and to the extent of one-half the blocks on the intersecting streets, excepting Forty-ninth street.

**SEVENTH AVENUE—GRADING,** from Thirty-ninth street to old City line. Area of assessment: Both sides of Seventh avenue, from Thirty-ninth street to the old City line, and to the extent of one-half the blocks on the intersecting streets west of Seventh avenue; also, to the same extent on the intersecting streets between Thirty-ninth and Fifty-second streets east of Seventh avenue; also, on the intersecting streets from Fifty-second to Fifty-sixth street, between Seventh avenue and the City line.

—that the same were confirmed by the Supreme Court, Kings County, on November 9, 1900, and that the Board of Assessors of The City of New York thereafter levied and assessed the "Fifth Installment" thereon, and transmitted the same to the Comptroller on November 16, 1903, for entry and collection.

That said "Fifth Installment" in each case is now due and payable, and unless the amount thereof assessed for benefit on any person or property shall be paid within sixty days after December 1, 1904, interest shall be charged, collected and received thereon at the rate of seven per cent. per annum, to be calculated from December 1, 1904, to the date of payment.

The owner of any parcel of land assessed for any of the foregoing assessments may, pursuant to the provisions of chapter 365, Laws of 1889, as amended by chapter 452, Laws of 1890; chapter 520, Laws of 1895, and chapter 736, Laws of 1896, at any time after the first installment becomes due and payable, pay all the installments not levied of said assessments, and the same will be thereupon canceled.

The above assessments are payable to the Collector of Assessments and Arrears, at the office of the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before January 30, 1905, will be exempt from interest as above provided.

EDWARD M. GROUT, Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 30, 1904. }  
n29,d13

## NOTICE OF ASSESSMENTS FOR LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN, CITY OF NEW YORK.

NOTICE IS HEREBY GIVEN THAT THE Assessment Rolls for the "Fifth Installment" in the following-entitled matters have been completed and are due and payable December 1, 1904. The authority for the collection of the various assessments mentioned therein has been delivered to the Collector of Assessments and Arrears, and all persons liable to pay such assessments are required to pay the same without delay



at his office, Rooms 1 and 3, Municipal Building, in the Borough of Brooklyn.

#### EIGHTH WARD.

*Opening and Grading the following-named Streets:*

Fortieth street, from Fifth avenue to the old city line.  
Forty-first street, from Fifth avenue to the old city line.  
Forty-fourth street, from Fifth avenue to the old city line.  
Forty-fifth street, from Fifth avenue to the old city line.  
Forty-sixth street, from Fifth avenue to the old city line.  
Forty-seventh street, from Fifth avenue to the old city line.  
Fiftieth street, from Fifth avenue to the old city line.  
Fifty-first street, from Fifth avenue to the old city line.  
Fifty-second street, from Fifth avenue to the old city line.  
Fifty-third street, from Fifth avenue to the old city line.  
Fifty-fourth street, from Fifth avenue to the old city line.  
Fifty-fifth street, from Fifth avenue to the old city line.  
Fifty-sixth street, from Fifth avenue to the old city line.  
Fifty-seventh street, from Fifth avenue to the old city line.  
Fifty-eighth street, from Fifth avenue to the old city line.  
Fifty-ninth street, from Fifth avenue to the old city line.  
Eighty avenue, from Thirty-ninth street to the old city line.

*Also for Grading and Paving:*

Fortieth street, from Third avenue to Fourth avenue.  
Fortieth street, from Fifth avenue to Sixth avenue.  
Forty-first street, from Third avenue to Fourth avenue.  
Forty-fifth street, from Fifth avenue to Sixth avenue.  
Forty-seventh street, from Fifth avenue to Sixth avenue.  
Forty-eighth street, from Fourth avenue to Fifth avenue.  
Forty-ninth street, from Fourth avenue to the old city line.  
Fiftieth street, from Third avenue to Fourth avenue.  
Fiftieth street, from Fourth avenue to Fifth avenue.  
Fiftieth street, from Fifth avenue to Sixth avenue.  
Fifty-first street, from Third avenue to Fourth avenue.  
Fifty-first street, from Fourth avenue to Fifth avenue.  
Fifty-first street, from Fifth avenue to Sixth avenue.  
Fifty-third street, from Third avenue to Fourth avenue.  
Fifty-fourth street, from Fifth avenue to Sixth avenue.  
Fifty-sixth street, from Third avenue to Fourth avenue.  
Fifty-sixth street, from Fifth avenue to Sixth avenue.  
Fifty-eighth street, from Fifth avenue to Seventh avenue.  
Fifty-ninth street, from Third avenue to Fourth avenue.  
Fifty-ninth street, from Fourth avenue to Fifth avenue.  
Fifty-ninth street, from Fifth avenue to Sixth avenue.

*Also for Opening, Grading and Paving:*

Fortieth street, from Fourth avenue to Fifth avenue.  
Forty-first street, from Fourth avenue to Fifth avenue.  
Forty-second street, from Fourth avenue to Fifth avenue.  
Forty-third street, from Fourth avenue to Fifth avenue.  
Forty-fourth street, from Fourth avenue to Fifth avenue.  
Forty-fifth street, from Fourth avenue to Fifth avenue.  
Forty-sixth street, from Third avenue to Fourth avenue.  
Forty-sixth street, from Fourth avenue to Fifth avenue.  
Forty-seventh street, from Fourth avenue to Fifth avenue.  
Fifty-second street, from Fourth avenue to Fifth avenue.  
Fifty-fourth street, from Third avenue to Fifth avenue.  
Fifty-fifth street, from Third avenue to Fifth avenue.  
Fifty-seventh street, from Third avenue to Fifth avenue.  
Fifty-eighth street, from Third avenue to Fifth avenue.

*Also for Opening:*

Forty-second street, from Fifth avenue to the old city line.  
Fiftieth street, from Third avenue to Fifth avenue.  
Fifty-first street, from Third avenue to Fifth avenue.  
Fifty-sixth street, from Third avenue to Fifth avenue.  
Fifty-ninth street, from Third avenue to Fifth avenue.

*Also for Grading:*

Forty-second street, from Seventh avenue to the old city line.

*Also for Grading, Paving and Street-basins:*

Fifth avenue, from Thirty-ninth street to the old city line.

#### EXTRACTS FROM THE LAW.

Chapter 583, Laws of 1888, title 7, section 10, as amended by chapter 888, Laws of 1895, and section 937, chapter 378, Laws of 1897, and section 937, chapter 400, Laws of 1901.

On all \* \* \* assessments which shall be paid to the Collector of Assessments and Arrears, before the expiration of thirty days from the time the same shall become due and payable, an allowance shall be made to the person or persons making such payments at the rate of seven and three-tenths per centum per annum for the unexpired portion thereof. On all \* \* \* assessments \* \* \* paid after the expiration of thirty days from the time the same shall have become due and payable, there shall be added to and collected as part of every such \* \* \* assessment \* \* \* interest at the rate of nine per cent. per annum, to be computed from the time the same became due and payable, to the date of said payment.

EDWARD M. GROUT,  
Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 30, 1904. }  
n29,d13

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

TWENTY-THIRD AND TWENTY-FOURTH WARDS, SECTIONS 10 AND 11.

HOE STREET—SEWER and appurtenances, from East One Hundred and Sixty-seventh street to Freeman street. Area of assessment: Both sides of Hoe street, from One Hundred and Sixty-seventh street to Freeman street; south side of Freeman street, from Vyse street to Hoe street.

TWENTY-FOURTH WARD, SECTION 11.  
EAST ONE HUNDRED AND SEVENTY-THIRD STREET—REGULATING, GRADING, CURBING AND FLAGGING, from Boston road to Crotona Park, East. Area of assessment:

Both sides of East One Hundred and Seventy-third street, from Boston road to Crotona Park, East, and to the extent of half the block at the intersecting and terminating streets.

—that the same were confirmed by the Board of Assessors on November 22, 1904, and entered on November 23, 1904, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, 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 January 23, 1905, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

EDWARD M. GROUT,  
Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 23, 1904. }  
n25,d8

#### INTEREST ON BONDS AND STOCKS OF THE CITY OF NEW YORK.

THE INTEREST DUE ON JANUARY 1, 1905, on the Registered Bonds and Stock of The City of New York will be paid on that day by the Comptroller, at his office, Room 37, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books thereof will be closed from December 15, 1904, to January 1, 1905.

The interest due on January 1, 1905, on the Coupon Bonds of the late City of Brooklyn will be paid on that day by the Nassau National Bank of Brooklyn, No. 26 Court street.

The interest due January 1, 1905, on the Coupon Bonds of Corporations in Queens and Richmond Counties will be received on that day for payment by the Comptroller at his office, Room 37, Stewart Building, corner of Broadway and Chambers street.

EDWARD M. GROUT, Comptroller.  
THE CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 25, 1904. }  
n26,j1

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

EIGHTEENTH WARD, SECTION 3.  
UNION SQUARE—SEWER, East, between Fourteenth and Sixteenth streets. Area of assessment: Both sides of Union square, East, from Fourteenth street to a point sixty-five feet north of Fifteenth street.

TWENTY-SECOND WARD, SECTION 4, AND TWELFTH WARD, SECTION 7.

RECEIVING-BASINS, NORTH AND SOUTH SIDES OF SIXTY-SIXTH STREET, adjoining wall New York Central and Hudson River Railroad; NORTHWEST CORNER OF LENOX AVENUE AND ONE HUNDRED AND THIRTEENTH STREET; SOUTHWEST CORNER OF ONE HUNDRED AND TWENTY-SIXTH STREET AND COLUMBUS AVENUE; NORTHWEST CORNER OF ONE HUNDRED AND TWENTY-SEVENTH STREET AND CONVENT AVENUE; SOUTHWEST CORNER OF CENTRAL PARK, WEST, AND SIXTY-THIRD STREET AND ALTERATION AND IMPROVEMENT TO RECEIVING-BASINS ON NORTHEAST AND SOUTHEAST CORNERS OF SEVENTY-NINTH STREET AND RIVERSIDE DRIVE. Area of assessment: Both sides of Sixty-sixth street, from West End avenue to the New York Central and Hudson River Railroad; west side of West End avenue, from Sixty-fifth street to Sixty-seventh street; north side of One Hundred and Thirtieth street, from Lenox avenue to St. Nicholas avenue; east side of St. Nicholas avenue, from One Hundred and Thirtieth street to One Hundred and Fourteenth street; south side of One Hundred and Twenty-sixth street and Lawrence street, extending about 415 feet west of Columbus avenue; west side of Convent avenue, from One Hundred and Twenty-seventh street to One Hundred and Thirtieth street; south side of Sixty-third street, extending about 328 feet west of Central Park, West, and west side of Central Park, West, extending about 101 feet south of Sixty-third street; both sides of West Seventy-ninth street, from West End avenue to Riverside drive; east side of Riverside drive, from Seventy-eighth street to Eightieth street; west side of West End avenue, from Seventy-eighth street to Seventy-ninth street.

—that the same were confirmed by the Board of Assessors on November 22, 1904, and entered on November 23, 1904, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides in part that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room No. 85, No. 80 Broadway, Borough of Manhattan, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before January 23, 1905, will be exempt from interest, as above provided, and after that date will be subject to a

charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

EDWARD M. GROUT,  
Comptroller.  
CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 23, 1904. }  
n25,d8

#### DEPARTMENT OF FINANCE, CITY OF NEW YORK, March 26, 1903.

UNTIL FURTHER NOTICE AND UNLESS otherwise directed in any special case, one surety company will be accepted as sufficient upon all contracts for supplies for furniture, and for gas and electric lighting to any amount, and upon the following contracts to the amounts named:

For supplies and furniture, with patented articles.....	\$5,000
Regulating, grading, paving (other than asphalt).....	
Not over 2 years.....	\$15,000
Over 2 years.....	5,000
School building repairs.....	10,000
Heating and lighting apparatus.....	5,000
New buildings—New docks.....	25,000
Sewers—Dredging and water mains—	
Not over 2 years.....	10,000
Over 2 years.....	5,000

EDWARD M. GROUT, Comptroller.

#### DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

#### TO CONTRACTORS.

#### PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 12 o'clock M., on

MONDAY, DECEMBER 19, 1904.

FOR FURNISHING AND DELIVERING FRESH MEATS, FRESH FISH, POULTRY, FLUID AND CONDENSED MILK.

The time for the performance of the contract is during the year 1905.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.

The bidder will state the price per pound, per quart, etc., by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each class or item, as stated in the specifications.

JAMES H. TULLY,

Commissioner.

THE CITY OF NEW YORK, December 6, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

#### BOARD MEETINGS.

The Board of Estimate and Apportionment meet in the Old Council Chamber (Room 16), City Hall every Friday, at 10.30 o'clock A. M.

JAMES W. STEVENSON,  
Deputy Comptroller, Secretary.

The Commissioners of the Sinking Fund meet in the old Council Chamber (Room 16), City Hall, at call of the Mayor.

N. TAYLOR PHILLIPS,  
Deputy Comptroller, Secretary.

#### OFFICIAL BOROUGH PAPERS.

##### BOROUGH OF THE BRONX.

"North Side News," "Westchester Independent," "Bronx Sentinel," "Harlem Reporter and Bronx Chronicle," "Bronx Borough Record."

##### BOROUGH OF RICHMOND.

"Staten Islander," "Staten Island Star," "Richmond County Herald," "Richmond County Democrat," "Staten Island World."

##### BOROUGH OF QUEENS.

"Long Island Daily Star," "Flushing Daily Times," "Flushing Evening Journal," "Queens Borough Advertiser," "Jamaica Standard," "Rockaway News," "Long Island Farmer."

##### BOROUGH OF BROOKLYN.

"Brooklyn Eagle," "Brooklyn Times," "Brooklyn Citizen," "Brooklyn Standard Union," "Brooklyn Free Press," "Brooklyn Weekly News," "Flatbush Weekly News."

##### BOROUGH OF MANHATTAN.

"Harlem Local Reporter" (Harlem District), "Democracy" (Washington Heights, Morningside Heights, and Harlem Districts). Designation by Board of City Record April 26, 1904. Amended July 22 and September 16, 1904.

#### CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 OF THE LAWS OF 1893 and the Acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said Acts will be held at the office of the Commission, Room 138, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Wednesdays and Fridays of each week, at 2 o'clock P. M., until further notice.

Dated New York City, March 26, 1904.

WILLIAM E. STILLINGS,  
CHARLES A. JACKSON,  
OSCAR S. BAILEY,

Commissioners

LAMONT McLOUGHLIN,  
Clerk

#### OFFICIAL PAPERS.

Morning—"The American," "The Morning Telegraph."

Evening—"The Evening Journal," "The Daily News."

Weekly—"Weekly Union," "The New York Realty Journal."

German—"The New Yorker Herald."

Designated by the Board of City Record, September 15, 1904.

#### BELLEVUE AND ALLIED HOSPITALS.

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, TWENTY-SIXTH STREET AND FIRST AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Board of Trustees at the above office until 3.30 o'clock P. M., on

FRIDAY, DECEMBER 16, 1904.

FOR FURNISHING THE NECESSARY LABOR AND MATERIAL, AND MAKING ALTERATIONS TO THE PLUMBING IN MAIN BUILDING OF BELLEVUE HOSPITAL, AT FIRST AVENUE AND TWENTY-SIXTH STREET.

The surety required shall be not less than fifty per cent. (50%) of the amount of the bid.

The time for the completion of the work shall be forty (40) days.

Blank forms may be obtained at the office of the Auditor and Contract Clerk, No. 419 East Twenty-sixth street, Borough of Manhattan.

JOHN W. BRANNAN,

President of the Board of Trustees Bellevue and Allied Hospitals.

Dated MONDAY, DECEMBER 5, 1904.

d6 16

See General Instructions to Bidders on the last page, last column, of the "City Record."

#### DEPARTMENT OF STREET CLEANING.

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1421, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning, at the above office until 12 o'clock noon, on

TUESDAY, DECEMBER 20, 1904.

Boroughs of Manhattan and The Bronx.

CONTRACT FOR FURNISHING AND DELIVERING TWO (2) AUTOMOBILE CARRIAGES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is thirty (30) days.

The amount of security required is fifty per cent. (50%) of the amount of bid or estimate.

The bidder will state the price per automobile carriage contained in the specifications by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum.

Each bidder must submit, along with and attached to his bid, his own particular specification, describing accurately and in detail the kinds and quantities of the materials used and the construction of all its particulars of the automobile carriage that he proposes to furnish, if the contract for which his bid is made shall be awarded to him.

The said particular specification must comply with the general specifications in all respects.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, the Borough of Manhattan, Nos. 13-21 Park row.

JOHN McG. WOODBURY,

Commissioner of Street Cleaning.

Dated DECEMBER 6, 1904.

d7,20

See General Instructions to Bidders on the last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1421, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning, at the above office until 12 o'clock M., on

TUESDAY, DECEMBER 20, 1904.

Boroughs of Manhattan and The Bronx.

CONTRACT FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before March 31, 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per hundred pounds, by which the bids will be tested. The extensions must be made and footed up, and awards will be made to the lowest bidder on each item at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, the Borough of Manhattan, Nos. 13-21 Park row.

F. M. GIBSON,

Deputy and Acting Commissioner of Street Cleaning.

Dated DECEMBER 6, 1904.

d7,20

See General Instructions to Bidders on the last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1421, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning, at the above office until 12 o'clock M., on

TUESDAY, DECEMBER 20, 1904.

Borough of Brooklyn.

CONTRACT FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before March 31, 1905.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per hundred pounds, by which the bids will be tested. The extensions must be made and footed up, and awards will be made to the lowest bidder at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, the Borough of Manhattan, Nos. 13-21 Park row.

F. M. GIBSON,

Deputy and Acting Commissioner of Street Cleaning.

Dated DECEMBER 6, 1904.

d7,20

See General Instructions to Bidders on the last page, last column, of the "City Record."



DEPARTMENT OF STREET CLEANING,  
NEW YORK, November 15, 1904.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** written applications for non-competitive examinations for the following positions on the steam dumper "Cinderella," "Aschenbodel" and "Cinderella," pursuant to a resolution of the Municipal Civil Service adopted January 27, 1904, approved by the State Civil Service Commission February 3, 1904, will be received at the Main Office of the Department of Street Cleaning, on the fourteenth floor of Nos. 13-21 Park row, Room No. 1416, on Wednesdays of each week at 2 P. M.:

Masters.  
Mates.  
Marine Engineers.  
Firemen.  
Deckhands.

F. M. GIBSON,  
Deputy and Acting Commissioner.

#### ASHES, ETC., FOR FILLING IN LANDS.

**PERSONS HAVING LANDS OR PLACES** in the vicinity of New York Bay to fill in can procure material for that purpose—ashes, street sweepings, etc., collected by the Department of Street Cleaning—free of charge by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park Row, Borough of Manhattan.

JOHN MCGAW WOODBURY,  
Commissioner of Street Cleaning.

#### BOARD OF CITY RECORD.

##### PROPOSALS FOR BIDS OR ESTIMATES.

**SEALED BIDS OR ESTIMATES WILL BE** received at the office of the Supervisor of the City Record, Park Row Building, Nos. 13 to 21 Park row, in the City of New York, until 11 o'clock A. M., on

WEDNESDAY, DECEMBER 14, 1904.

**FOR SUPPLYING PRINTED, LITHOGRAPHED OR STAMPED FORMS, PAMPHLETS, PRINTED BLANKS AND STATIONERY, INCLUDING LETTER AND WRITING PAPER AND ENVELOPES, WITH PRINTED HEADINGS OR ENDORSEMENTS, ETC., FOR THE USE OF THE COURTS AND THE DEPARTMENTS AND BUREAUS OF THE GOVERNMENT OF THE CITY OF NEW YORK DURING THE YEAR 1905.**

The time of delivery shall not be later than June 30, 1905, except under the following conditions:

First—Delivery must be made not more than 30 days after the receipt of copy, if required by the Supervisor.

Second—Where revised copy is required by the character of the sample, all work shall be completed within 30 days after such revised copy is received from the Department by the Contractor.

The amount of security shall be Twenty-five per cent. of the amount of the bid.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed with the title given above, of the work for which the estimate is made, with his or her name or names and the date of presentation, to the Supervisor of the City Record, at the said office, on or before the date and hour above named, at which time and in the office of the Mayor the estimates received will be publicly opened by the Board of City Record and read, and the award of the contract made according to law as soon thereafter as practicable.

The bidder must state the item price for each item and the total price of each schedule. The bids will be tested and the award made as a whole to the bidder whose aggregate bid is the lowest for the entire contract; but the Board of City Record may, in its discretion, award the contract by schedules.

Bidders will write out the total amount of their estimates in addition to inserting the same in figures.

The said Board reserves the right to reject all bids or estimates if it deems it to be for the interest of The City so to do.

Delivery will be required to be made at the office of the City Record from time to time and in such quantities as may be directed by the Supervisor of the City Record.

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, to be had at the office of the Supervisor and on file in the office of the Comptroller.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Board of City Record, 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 City Record, where further information can be obtained.

Samples are on exhibition at Rooms 813 and 814, Park Row Building.

GEORGE B. McCLELLAN,  
Mayor;

JOHN J. DELANY,  
Corporation Counsel;

EDWARD M. GROUT,  
Comptroller,

Board of City Record.  
d3,14

**See General Instructions to Bidders on the last page, last column, of the "City Record."**

#### BOROUGH OF BROOKLYN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 15, MUNICIPAL BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE RECEIVED** by the President of the Borough of Brooklyn, at the above office until 11 o'clock A. M., on

WEDNESDAY, DECEMBER 14, 1904.

**No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN SEVENTY-SECOND STREET, from Second avenue to the Shore road.**

The Engineer's estimate of the quantities is as follows:

90 linear feet 15-inch pipe sewer.  
2,030 linear feet 12-inch pipe sewer.  
21 manholes.  
2 sewer basins.  
13,000 feet, B. M., foundation planking.  
152 cubic yards concrete cradle.  
The time allowed for the completion of the work and the full performance of the contract is 60 working days.

The amount of security required is Five Thousand Dollars.

**No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN EAST THIRTY-**

**FIRST STREET, from Newkirk avenue to Clarendon road (Avenue C).**

The Engineer's estimate of the quantities is as follows:

40 linear feet 18-inch pipe sewer.  
293 linear feet 15-inch pipe sewer.  
812 linear feet 12-inch pipe sewer.  
12 manholes.  
4 sewer basins.  
8,000 feet, B. M., foundation planking.  
92 cubic yards concrete cradle.

The time allowed for the completion of the work and full performance of the contract is 40 working days.

The amount of security required is Three Thousand Dollars.

**No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN FIFTY-SEVENTH STREET, from Sixth avenue to Seventh avenue.**

The Engineer's estimate of the quantities is as follows:

45 linear feet 15-inch pipe sewer.  
700 linear feet 12-inch pipe sewer.  
8 manholes.  
5,000 feet, B. M., foundation planking.  
57 cubic yards concrete cradle.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is One Thousand Nine Hundred Dollars.

**No. 4. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN ROGERS AVENUE, EAST SIDE, from Linden avenue to Martense street.**

The Engineer's estimate of the quantities is as follows:

325 linear feet 24-inch pipe sewer.  
40 linear feet 15-inch pipe sewer.  
2 manholes.  
3,500 feet, B. M., foundation planking.  
17,000 feet, B. M., sheeting and bracing.  
49 cubic yards concrete cradle.

The time allowed for the completion of the work and full performance of the contract is 40 working days.

The amount of security required is One Thousand Four Hundred Dollars.

**No. 5. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN GREENPOINT AVENUE, from Diamond street to Provost street, and SEWER BASINS AT THE SOUTHEAST AND SOUTHWEST CORNERS OF GREENPOINT AVENUE AND DIAMOND STREET.**

The Engineer's estimate of the quantities is as follows:

160 linear feet 24-inch pipe sewer.  
2 manholes.  
3 sewer-basins.  
1,600 feet, B. M., sheeting and bracing.  
4,000 feet, B. M., sheeting and bracing.  
22 cubic yards concrete cradle.

The time allowed for the completion of the work and full performance of the contract is 20 working days.

The amount of security required is Eight Hundred Dollars.

**No. 6. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN BRISTOL STREET, from Blake avenue to Hunterly road.**

The Engineer's estimate of the quantities is as follows:

206 linear feet 12-inch pipe sewer.  
2 manholes.  
1,300 feet, B. M., foundation planking.  
15 cubic yards concrete cradle.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is Five Hundred Dollars.

**No. 7. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER-BASINS AT THE NORTHWEST CORNER OF GREENPOINT AVENUE AND PROVOST STREET.**

The Engineer's estimate of the quantities is as follows:

One (1) sewer-basin.  
The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, foot B. M., cubic yard or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, Room 15, Municipal Building, Borough of Brooklyn.

MARTIN W. LITTLETON,  
President.

Dated NOVEMBER 10, 1904. n29,d14

**See General Instructions to Bidders on the last page, last column, of the "City Record."**

#### BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH, MUNICIPAL BUILDING, CROTONA PARK, 177TH STREET AND THIRD AVENUE.

**I HEREBY GIVE NOTICE THAT PETITIONS** have been presented to me and are on file in my office for inspection for—

No. 270. Laying out on the map of The City of New York East One Hundred and Sixty-seventh street, between Union avenue and Prospect avenue.

No. 271. For laying out on the map of The City of New York the reduction of width of Clarke place, between Inwood avenue and Jerome avenue from 60 feet to 50 feet; the reduction to take place on the south side of Clarke place.

The petitions for the above will be submitted by me to the Local Board having jurisdiction thereof on December 8, 1904, at 2 P. M., at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park, One Hundred and Seventy-seventh street and Third avenue.

Dated NEW YORK, November 30, 1904.

LOUIS F. HOFFEN,  
President of the Borough of The Bronx.  
d2, 3, 5, 8.

#### DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE RECEIVED** by the Commissioner of Bridges at the above office until 2 o'clock P. M., on

THURSDAY, DECEMBER 22, 1904.

**FOR THE CONSTRUCTION OF THE ANCHORAGE IN THE BOROUGH OF BROOKLYN OF THE MANHATTAN BRIDGE (NO. 3) OVER THE EAST RIVER, BETWEEN THE BOROUGH OF MANHATTAN AND BROOKLYN.**

The anchorage must be so far completed as to permit the construction of the cables of the bridge within four hundred and fifty (450) calendar days after service of notice by the Commissioner of Bridges that work must be begun, and the balance of the anchorage must be completed within one hundred and fifty (150) calendar days after service of similar notice from the Commissioner of Bridges regarding this part of the work.

The amount of security to guarantee the faithful performance of the work will be Four Hundred and Fifty Thousand Dollars (\$450,000).

Blank forms and further information may be obtained at the office of the Department of Bridges.

GEO. E. BEST,

Commissioner of Bridges.

Dated DECEMBER 6, 1904. d7,22

**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE RECEIVED** by the Commissioner of Bridges at the above office until 2 o'clock P. M., on

THURSDAY, DECEMBER 22, 1904.

**FOR THE CONSTRUCTION OF THE ANCHORAGE IN THE BOROUGH OF MANHATTAN OF THE MANHATTAN BRIDGE (NO. 3) OVER THE EAST RIVER, BETWEEN THE BOROUGH OF MANHATTAN AND BROOKLYN.**

The anchorage must be so far completed as to permit the construction of the cables of the bridge within four hundred and fifty (450) calendar days after service of notice by the Commissioner of Bridges that work must be begun, and the balance of the anchorage must be completed within one hundred and fifty (150) calendar days after service of similar notice from the Commissioner of Bridges regarding this part of the work.

The amount of security to guarantee the faithful performance of the work will be Four Hundred and Fifty Thousand Dollars (\$450,000).

Blank forms and further information may be obtained at the office of the Department of Bridges.

GEO. E. BEST,

Commissioner of Bridges.

Dated DECEMBER 6, 1904. d7,22

**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE RECEIVED** by the Commissioner of Bridges at the office of the Department of Bridges, Room 1203 Park Row Building, at 2 P. M., on

THURSDAY, DECEMBER 22, 1904.

**FOR FURNISHING AND DELIVERING SIXTEEN HUNDRED NET TONS OF ANTHRACITE STOVE COAL TO BRIDGES OVER THE HARLEM RIVER.**

The coal will be delivered from time to time, during the year 1905 in quantities of from one to twenty tons, as required.

The amount of security required is Twenty-five Hundred Dollars (\$2,500).

Bidders will state the price per net ton. The contract will be awarded to the lowest bidder.

Blank forms and further information may be obtained at the office of the Department of Bridges.

GEORGE E. BEST,

Commissioner of Bridges.

Dated DECEMBER 6, 1904. d6,22

**See General Instructions to Bidders on the last page, last column, of the "City Record."**

#### MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION,  
No. 61 ELM STREET, CITY OF NEW YORK.  
December 1, 1904.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** an open competitive examination will be held for the following position:

ALIENIST—FRIDAY, DECEMBER 23, 1904, AT 10 A. M.

The receipt of applications will close on Friday, December 16, at 4 P. M.

The subjects and weights of the examination are as follows:

Technical ..... 6  
Experience ..... 4  
The percentage required is 75 on the technical paper and 70 on all.

Candidates, in order to qualify, must be qualified Examiners in Lunacy and must show that they have had actual experience in the care and treatment of the insane.

There are two vacancies in Bellevue Hospital at \$1,500 per annum.

Appointees must reside on the premises and devote all their time to the work in the Psychopathic Ward.

The minimum age is 24.

BIRD S. COLER, President;  
R. ROSS APPLETON,  
ALFRED J. TALLEY,  
Commissioners.

HENRY BERLINGER,  
Secretary. d2,23

MUNICIPAL CIVIL SERVICE COMMISSION, No. 61 ELM STREET, CITY OF NEW YORK, NOVEMBER 26, 1904.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** open competitive examinations will be held for the following positions:

**PATHOLOGIST, BELLEVUE AND ALLIED HOSPITALS—TUESDAY, DECEMBER 20, 1904, AT 10 A. M.**

The receipt of applications will close on Monday, December 12, at 4 P. M.

The subjects and weights of the examination are as follows:

Technical ..... 6  
Experience ..... 4  
The percentage required is 75 on the technical paper, and 70 on all.

Candidates must have had practical experience in autopsy work, pathology and bacteriology.

Two vacancies exist in the Department of Bellevue and Allied Hospitals.

The salary attached to the position is \$1,500 per annum.

The minimum age is 21.

**LEVELER—THURSDAY, DECEMBER 22, 1904, AT 10 A. M.**

The receipt of applications will close on Tuesday, December 13, at 4 P. M.

The subjects and weights of the examination are as follows:

Technical ..... 6  
Mathematics ..... 2  
Experience ..... 2  
The percentage required is 75 on the technical paper and 70 on all.

Two vacancies exist in the Aqueduct Commission, and appointees will be expected to serve outside the

city at such places and at such times as their services may be required.

The salary attached to this position is from \$1,200 to \$1,500 per annum.

The minimum age is 18.

**CHAINMAN OR RODMAN—WEDNESDAY, DECEMBER 23, 1904, AT 10 A. M.**

The receipt of applications will close on Wednesday, December 14, at 4 P. M.

The subjects and weights of the examination are as follows:

Technical ..... 6  
Mathematics ..... 2  
Experience ..... 2  
The percentage required is 75 on the technical paper and 70 on all.

Five vacancies exist in the Aqueduct Commission, and appointees will be expected to serve outside the city at such places and at such times as their services may be required.

The salary attached to this position is from \$900 to \$1,050 per annum.

The minimum age is 18.

BIRD S. COLER, President;  
R. ROSS APPLETON,  
ALFRED J. TALLEY,  
Civil Service Commissioners.

HENRY BERLINGER,  
Secretary. n26,d28

MUNICIPAL CIVIL SERVICE COMMISSION, No. 61 ELM STREET, CITY OF NEW YORK.

**PUBLIC NOTICE WILL BE GIVEN OF ALL** competitive examinations two weeks in advance of the date upon which the receipt of applications for any scheduled examination will close. Applications will be received for only such examinations as are scheduled.

When an examination is advertised, a person desiring to compete in the same may obtain an application blank upon request made in writing, or by personal application at the office of the Commission.

All notices of examinations will be posted in the office of the Commission, City Hall, Municipal Building, Brooklyn, and advertised in the City Record for two weeks in advance of the date upon which the receipt of applications will close for any stated position.

Public notice will also be given by advertisement in most of the City papers.

Wherever an examination is of a technical character, due notice is given by advertisement in the technical journals appertaining to the particular profession for which the examination is called.

Such notices will be sent to the daily papers as matters of news, and to the General Postoffice and stations thereof. The scope of the examination will be stated, but for more general information application should be made at the office of the Commission.

Unless otherwise specifically stated, the minimum age requirement for all positions is 21.

BIRD S. COLER, President;  
R. ROSS APPLETON,  
ALFRED J. TALLEY,  
Commissioners.

HENRY BERLINGER,  
Secretary. 12-24-03

#### BOARD OF ASSESSORS.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

**BOROUGH OF BROOKLYN.**

List 7673, No. 1. Regulating, grading, curbing, paving gutters with brick and laying cement sidewalks where not already done in Fortieth street, between New Utrecht avenue and Fort Hamilton avenue.

List 7908, No. 2. Sewers in Eighty-eighth street, between First avenue and Fifth avenue; in Eighty-ninth street, between Third avenue and Fourth avenue; First avenue, between Ninety-second street and Eighty-sixth street; Fourth avenue, both sides, between Ninety-second street and Eighty-sixth street; Fifth avenue, between Ninetieth street and Eighty-sixth street; and outlet sewers in Second avenue, between Eighty-eighth street and Eighty-sixth street; Third avenue, between Eighty-ninth street and Eighty-eighth street.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Fortieth street, from New Utrecht avenue to Fort Hamilton avenue, and to the extent of half the block at the intersecting and terminating streets.

No. 2. Both sides of Fifth avenue, from Eighty-sixth to Ninetieth street; west side of Fifth avenue, from Ninetieth to Ninety-first street; both sides of Fourth avenue, from Eighty-sixth to Ninety-second street; both sides of Third avenue, from Eighty-seventh to Ninetieth street; both sides of Second avenue, from Eighty-sixth to Eighty-ninth street; both sides of First avenue, from Eighty-sixth to Ninety-second street; both sides of Ninety-first street, from Fifth avenue to a point distant about 258 feet west of Fourth avenue; both sides of Ninetieth street, from Fifth avenue to a point distant about 265 feet west of Fourth avenue; both sides of Eighty-ninth street, from Fifth avenue to a point distant about 145 feet west of Third avenue; both sides of Ninety-first street, from First to Second avenue; both sides of Eighty-ninth street, from First to Second avenue; both sides of Eighty-eighth and Eighty-seventh streets, from First to Fifth avenue.

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, No. 350 Broadway, New York, or before January 3, 1905, at 1 P. M., at which time and place the said objections will be heard and testimony received in reference thereto.

ROBERT MUH,  
ANONIO ZUCCA,  
CHARLES A. O'MALLEY,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary.  
No. 350 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN, }  
December 2, 1904. d2,13

**BOROUGH OF RICHMOND.**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, FIRST NATIONAL BANK BUILDING, ST. GEORGE, NEW BRITTON, NEW YORK CITY.

**SEALED BIDS OR ESTIMATES WILL BE RECEIVED** by the President of the Borough of Richmond at the above office until 11 o'clock A. M., on

TUESDAY, DECEMBER 20, 1904.

**Borough of Richmond.**

**No.**



# **LUMBER AND TIMBER AND 3,000 FEET (B. M.) OF SPRUCE LUMBER AND TIMBER IN DISTRICT NO. 1.**

The time for the completion of the work and the full performance of the contract is until November 30, 1905.

The amount of security required is Two Hundred and Fifty Dollars (\$250).

# **No. 2. FOR FURNISHING AND DELIVERING 15,000 FEET (B. M.) OF YELLOW PINE LUMBER AND TIMBER AND 3,000 FEET (B. M.) OF SPRUCE LUMBER AND TIMBER IN DISTRICT NO. 2.**

The time for the completion of the work and the full performance of the contract is until November 30, 1905.

The amount of security required is Two Hundred and Fifty Dollars (\$250).

# **No. 3. FOR FURNISHING AND DELIVERING 15,000 FEET (B. M.) OF YELLOW PINE LUMBER AND TIMBER AND 3,000 FEET (B. M.) OF SPRUCE LUMBER AND TIMBER IN DISTRICT NO. 3.**

The time for the completion of the work and the full performance of the contract is until November 30, 1905.

The amount of security required is Two Hundred and Fifty Dollars (\$250).

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 on file in the office of the President.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, 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 said President. The plans and drawings may be seen and other information obtained at the office of the Commissioner of Public Works of the Borough of Richmond, Richmond Building, New Brighton, Borough of Richmond.

GEORGE CROMWELL,  
President.

THE CITY OF NEW YORK, November 30, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

## **POLICE DEPARTMENT.**

POLICE DEPARTMENT OF THE CITY OF NEW YORK, No. 300 MULBERRY STREET.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Police Commissioner of the Police Department of the City of New York at the above office until 2 o'clock P. M., on

**MONDAY, DECEMBER 12, 1904.**

**FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS NECESSARY TO INSTALL THE HEATING AND VENTILATING SYSTEM, BOILERS AND STEAM PIPING IN THE NEW BUILDING TO BE ERECTED ON THE BLOCK BOUNDED BY GRAND, CENTRE AND BROOME STREETS AND CENTRE MARKET PLACE, BOROUGH OF MANHATTAN, FOR HEADQUARTERS FOR THE POLICE DEPARTMENT OF THE CITY OF NEW YORK.**

The time for the completion of the work and the full performance of the contract is 300 days. The amount of security required is Twenty Thousand Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

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 and lists of materials, supplies and apparatus to be furnished, and to the plans on file at the office of F. L. V. Hopkin, architect, No. 244 Fifth avenue, Borough of Manhattan.

Further information, if required, may be obtained at the Central Office of the Police Department of The City of New York, No. 300 Mulberry street.

WILLIAM MCADOO,  
Police Commissioner.

Dated November 30, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT—CITY OF NEW YORK, 1899.

**OWNERS WANTED BY THE PROPERTY** Clerk of the Police Department of The City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boots, 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.

THOMAS F. O'CONNOR,  
Property Clerk

POLICE DEPARTMENT—CITY OF NEW YORK, BOROUGH OF BROOKLYN.

**OWNERS WANTED BY THE DEPUTY** Property Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in his custody, without claimants: Boots, 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.

JOSEPH J. CAREY,  
Deputy Property Clerk.

## **DEPARTMENT OF PARKS.**

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Park Board at the above office of the Department of Parks until 3 o'clock P. M., on

**THURSDAY, DECEMBER 22, 1904.**

**FOR REPAIRS TO AND ELECTRIC WIRING IN THE SAILORS AND SOLDIERS' ARCH, BOROUGH OF BROOKLYN.**

The security required will be Two Thousand Dollars.

The time allowed for doing and completing the work in this contract will be thirty working days.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Litchfield Mansion, Prospect Park, Brooklyn.

JOHN J. PALLAS, President;  
JOHN J. BRADY,  
MICHAEL J. KENNEDY,  
Commissioners of Parks.

Dated December 8, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Park Board at the above office of the Department of Parks until 3 o'clock P. M., on

**THURSDAY, DECEMBER 8, 1904.**

**Borough of Manhattan.**

**CONTRACT NO. 5.**

**FOR WORK AND MATERIAL FOR THE INSTALLATION OF STEAM POWER, HEATING AND VENTILATING APPARATUS IN THE NEW YORK PUBLIC LIBRARY, ASTOR, LENOX AND TILDEN FOUNDATIONS, FIFTH AVENUE, FORTIETH AND FORTY-SECOND STREETS.**

The security required will be Fifty Thousand Dollars.

The time allowed for doing and completing the work in this contract will be two years after notice to begin work at the building has been given by the architects.

The bids will be compared and the contract awarded at a lump or aggregate sum in the manner provided by chapter 56, Laws of 1897.

Blank forms may be obtained and plans may be seen at the office of the Department of Parks, Arsenal, Central Park, Manhattan, and also at the office of the architects, Carrere & Hastings, No. 18 East Forty-first street.

JOHN J. PALLAS, President;  
JOHN J. BRADY,  
MICHAEL J. KENNEDY,  
Commissioners of Parks.

Dated November 10, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

## **SUPREME COURT.**

### **SECOND DEPARTMENT.**

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening SIXTEENTH AVENUE, from Flatbush line to Eighty-fourth street, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore laid out.

**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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court-house, in the Borough of Brooklyn, in The City of New York, on the 22d day of December, 1904, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1902.

Dated BOROUGH OF BROOKLYN, NEW YORK, December 7, 1904.

JOHN T. LANG,  
THOMAS D. HOSSEY,  
JOHN G. MALONE,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

### **FIRST JUDICIAL DEPARTMENT.**

In the matter of the application of The City of New York, relative to acquiring title to certain real estate, tenements, hereditaments, corporeal or incorporeal rights in the same, situated in the Sixth Ward of the Borough of Manhattan, in The City of New York, duly selected, specified and located by the Commissioner of Bridges of The City of New York, with the approval of the Board of Estimate and Apportionment of said City, pursuant to the provisions of chapter 712 of the Laws of 1901, for the RECONSTRUCTION OF THE WESTERLY OR MANHATTAN TERMINAL OF THE NEW YORK AND BROOKLYN BRIDGE, or for the construction of an extension thereof, for the better accommodation of pedestrians, vehicles and railroad passengers using said bridge or terminal.

**NOTICE IS HEREBY GIVEN THAT** Henry W. Bookstaver, Michael Coleman and Samuel Kahn, Commissioners appointed by an order of the Supreme Court herein, filed in the office of the Clerk of the County of New York on the first day of December, 1904, will appear before the Justice of the Supreme Court sitting at Special Term, Part II., at the County Court-house, in the Borough of Manhattan, on the nineteenth day of December, 1904, at 11 o'clock in the forenoon, to be examined by the Corporation Counsel or by any person interested in said proceeding, as to their qualifications to act as such Commissioners.

Dated NEW YORK, December 5, 1904.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.

### **FIRST DEPARTMENT.**

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIER, OLD NO. 11, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all rights, title and interest in and to said pier or any portion thereof not now owned by The City of New York, and all wharfage right, terms, easements, emoluments and privileges appurtenant to the easterly one-half part of all that certain bulkhead, dock or wharf property on or near the southerly line of South street in said Borough and City, between the easterly side of Pier, old No. 10, and the westerly side of Pier, old No. 11, East river, not now owned by The City of New York, for the improvement of the water-front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks approved by the Commissioners of the Sinking Fund.

**NOTICE IS HEREBY GIVEN THAT BY AN** order of the Supreme Court of the State of New York, bearing date the 19th day of November, 1904, and filed and entered in the office of the Clerk of the County of New York on the 21st day of November, 1904, Charles D. O'Connell, Frederick St. John and John C. Fitzgerald were appointed Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is further given, pursuant to the statutes in such case made and provided, that the said Charles D. O'Connell, Frederick St. John and John C. Fitzgerald will attend at a Special Term, Part II., of the said court, to be held at the County Court-house, in the Borough of Manhattan, City of New York, on the 16th day of December, 1904, at the opening of the court on that day for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having an interest in the said proceeding, as to their qualifications to act as Commissioners of Estimate and Assessment in this proceeding.

Dated NEW YORK, December 3, 1904.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.

d5,15

### **FIRST DEPARTMENT.**

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIER, OLD NO. 14, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all rights, title and interest in and to said pier, or any portion thereof, not now owned by The City of New York, and all wharfage rights, terms, easements, emoluments and privileges appurtenant to the easterly one-half part of all that certain bulkhead, dock or wharf property on or near the southerly line of South street, in said Borough and City, between the easterly side of Pier, old No. 13, and the westerly side of Pier, old No. 14, and appurtenant to all that certain bulkhead, dock or wharf property between the easterly side of Pier, old No. 14, and Pier, new No. 12, or Wall Street Pier, East river, not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks, and approved by the Commissioners of the Sinking Fund.

**NOTICE IS HEREBY GIVEN THAT BY AN** order of the Supreme Court of the State of New York, bearing date the 18th day of November, 1904, and filed and entered in the office of the Clerk of the County of New York on the 21st day of November, 1904, Charles H. Knox, Adolph Schillinger and Thomas J. McManus were appointed Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is further given, pursuant to the statutes in such case made and provided, that the said Charles H. Knox, Adolph Schillinger and Thomas J. McManus will attend at a Special Term, Part II., of the said Court, to be held at the County Court-house, in the Borough of Manhattan, City of New York, on the 16th day of December, 1904, at the opening of the Court on that day for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having an interest in the said proceeding, as to their qualifications to act as Commissioners of Estimate and Assessment in this proceeding.

Dated NEW YORK, December 3, 1904.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.

d5,15

### **SECOND DEPARTMENT.**

In the Matter of the Application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening MORGAN AVENUE, from Stagg street to Mcker avenue, in the Eighteenth Ward, in the Borough of Brooklyn, of The City of New York, as the same has been heretofore laid out.

**WE, THE UNDERSIGNED, COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—that we have completed our amended and supplemental estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 24th day of December, 1904, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 28th day of December, 1904, at 10 o'clock A. M.

Second—that the abstract of our said amended and supplemental estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 31st day of January, 1905.

Third—that the limits of our assessment for benefit include all the lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.: Commencing at a point where the centre line of the block between Vandam street and Varick street intersects the westerly bulkhead line of Newtown creek; running thence southerly along the bulkhead line to Newtown creek to the northerly side of Metropolitan avenue; thence along the dividing line between the Boroughs of Brooklyn and Queens to a point 100 feet east of the easterly side of Scott avenue; running thence southerly and along a line drawn parallel with Scott avenue and distant 100 feet easterly therefrom to the centre line of the block between Meserole street and Montrose avenue; running thence westerly along the centre line of the block between Meserole street and Montrose avenue to the centre line of the block between Scott avenue and Gardner avenue; running thence southerly along the centre line of the block between Scott avenue and Gardner avenue to the centre line of the block between Montrose avenue and Randolph street; thence westerly along the centre line of the block between Montrose avenue and Randolph street to the centre line of the block between Gardner avenue and Stewart avenue; running thence southerly and along the centre line of the block between Gardner avenue and Stewart avenue to the centre line of the block between Randolph street and Johnson avenue; running thence westerly and along the centre line of the block between Ran-

dolph street and Johnson avenue to the centre line of the block between Stewart avenue and Varick street; running thence southerly and along the centre line of the block between Stewart and Varick avenues to the centre line of the block between Johnson avenue and Ingraham street; thence westerly and along the centre line of the block between Johnson avenue and Ingraham street to the centre line of the block between Varick avenue and Porter avenue; thence southerly along the centre line of the block between Varick avenue and Porter avenue to the centre line of the block between Ingraham street and Harrison place; thence westerly and along the centre line of the block between Ingraham street and Harrison place to the centre line of Bogart street; thence northerly and along the centre line of Bogart street to a point opposite the centre line of the block between Boerum street and McKibbin street; thence westerly along the centre line of the block between Boerum street and McKibbin street to the centre line of the block between Bogart street and White street; thence northerly along the centre line of the block between Bogart street and White street to the centre line of the block between Boerum street and Johnson avenue; thence westerly along the centre line of the block between Boerum street and Johnson avenue to a point 100 feet easterly from the easterly line of Bushwick avenue; running thence northerly parallel with Bushwick avenue and distant 100 feet easterly therefrom to the centre line of Maspeth avenue; running thence easterly along the centre line of Maspeth avenue to a point equidistant from Humboldt street and Kingsland avenue; running thence northerly and along a line drawn parallel with Humboldt street and Kingsland avenue to the middle line of Richardson street; thence along the middle line of Richardson street to a point opposite the centre line of the block between Monitor street and North Henry street; thence northerly along the centre line of the block between Monitor street and North Henry street to the middle line of the block between Van Pelt avenue and Driggs avenue; thence easterly and along the centre line of the block between Van Pelt avenue and Driggs avenue to the centre line of the block between Monitor street and Kingsland avenue; running thence northerly along the centre line of the block between Monitor street and Kingsland avenue to the centre line of the block between Driggs avenue and Nassau avenue; thence easterly along the centre line of the block between Driggs avenue and Nassau avenue to the centre line of the block between Sutton street and Morgan avenue; thence northerly and along the centre line of the block between Sutton street and Morgan avenue to the centre line of the block between Nassau avenue and Norman avenue; thence easterly along the centre line of the block between Nassau avenue and Norman avenue to the centre line of the block between Varick street and Vandam street, and thence northerly along the centre line of the block between Varick street and Vandam street to the point or place of beginning.

Fourth—that our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court-house, in the Borough of Brooklyn, in The City of New York on the 17th day of March, 1905, at the opening of the Court on that day.

Dated BOROUGH OF BROOKLYN, THE CITY OF NEW YORK, December 5, 1904.

FRANK REYNOLDS,  
Chairman;  
PETER F. LYNAN,  
CHARLES H. WIGHT,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

d5,21

### **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 EXTERIOR STREET (although not yet named by proper authority), from East One Hundred and Thirty-fifth street to Gerard avenue at (heaven) place, in the Ward of 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, 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 16th day of December, 1904, 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 the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1902.

Dated BOROUGH OF MANHATTAN, NEW YORK, December 3, 1904.

JACOB MARKS,  
EDWARD F. MALLAHAN,  
THOMAS H. NEILSON,  
Commissioners.

JOHN P. DUNN,  
Clerk.

d3,14

### **SECOND DEPARTMENT.**

In the matter of the application of The City of New York to acquire certain real estate upon AVENUE S, between East Fourteenth street and East Eighteenth street, in the Borough of Brooklyn, County of Kings, City of New York, for purposes of water supply.

**NOTICE IS HEREBY GIVEN THAT AN** application will be made to the Supreme Court of the State of New York at a Special Term thereof for the hearing of motions to be held in and for the County of Kings at the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 28th day of December, 1904, at the opening of the court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Appraisal to ascertain and determine the compensation which ought justly to be made by The City of New York to the owners or persons interested in the real estate in the Borough of Brooklyn, County of Kings, City of New York, sought to be acquired herein for the purposes of maintaining, preserving and increasing the supply of pure and wholesome water for the use of The City of New York, and affected by this proceeding.

The boundaries of the real estate to be acquired or affected are as follows:

Beginning at a point at the northeast corner of Avenue S and East Fourteenth street, running thence north along the east line of East Fourteenth street 455 feet; running thence east parallel with Avenue S 335 feet to the west line of property of the Brooklyn Heights Railroad Company; running thence south along said line 455 feet to the north line of Avenue S; and running thence west along said line 335 feet to the place of beginning; and also

Beginning at a point where the east line of property of the Brooklyn Heights Railroad Com-



pany intersects the north line of Avenue S; running thence north along said line of property of the Brooklyn Heights Railroad Company 455 feet; running thence east parallel with Avenue S 575.1 feet to the west line of property of the Long Island Railroad Company; running thence south along said line 40.8 feet to the north line of land of the Gravesend Pumping Station owned by The City of New York; running thence southwest along said line 416.6 feet; running thence southeast and along the west line of the land of said Gravesend Pumping Station 298.4 feet to the north line of Avenue S; and running thence west along said line 291.5 feet to the place of beginning; and also

Beginning at a point where the west line of property of the Long Island Railroad Company intersects the north line of Avenue S; running thence north along said line of property of the Long Island Railroad Company 38.1 feet to the south line of land of the Gravesend Pumping Station, owned by The City of New York; running thence southwest along said line 111.4 feet to the north line of Avenue S; and running thence east along said line 104.6 feet to the place of beginning.

The said real estate is more particularly shown upon a "Map showing lands in The City of New York, Borough of Brooklyn, to be acquired for the purposes of maintaining, preserving and increasing the supply of pure and wholesome water for the use of The City of New York, Borough of Brooklyn," with a certificate of the adoption thereof dated July 22, 1904, signed by George B. McClellan, as Mayor, and John T. Oakley, as Commissioner of Water Supply, Gas and Electricity, a copy of which said map was filed on said date in the office of the said Commissioner of Water Supply, Gas and Electricity, and a copy of which was filed on the 3d day of November, 1904, in the office of the Register of the County of Kings and numbered 1452.

The numbers of the parcels on said map designated to be taken in fee absolute are 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14.

Dated November 4, 1904.  
JOHN J. DELANY,  
Corporation Counsel,  
Borough Hall, Brooklyn,  
New York City,  
New York.  
n12,taw,d24

## SECOND DEPARTMENT.

In the matter of the application of The City of New York to ACQUIRE CERTAIN REAL ESTATE AT MASSAPEQUA, in the Towns of Hempstead and Oyster Bay, in the County of Nassau, for purposes of water supply.

NOTICE IS HEREBY GIVEN THAT AN application will be made to the Supreme Court of the State of New York, at a Special Term thereof for the hearing of motions, to be held in and for the County of Kings, at the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 28th day of December, 1904, at the opening of the Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Appraisal to ascertain and determine the compensation which ought justly to be made by The City of New York to the owners or persons interested in the real estate in the Towns of Hempstead and Oyster Bay, County of Nassau, sought to be acquired herein for the purpose of maintaining, preserving and increasing the supply of pure and wholesome water for the use of The City of New York, and affected by this proceeding.

The boundaries of the real estate to be acquired or affected are as follows:

Beginning at a point where the east line of Seaman's Neck road intersects the south line of property of the Long Island Railroad Company; running thence along said south line of property of the Long Island Railroad Company south 87 degrees 40 minutes east 1,336.4 feet; running thence along said last-mentioned line south 87 degrees 36 minutes 30 seconds east 310.7 feet; running thence south 2 degrees 22 minutes west 30 feet; running thence south 88 degrees 4 minutes east 148.2 feet; running thence south 1 degree 40 minutes west 102 feet; running thence south 88 degrees 49 minutes east 398.8 feet; running thence north 2 degrees 22 minutes 30 seconds east 93.5 feet to said south line of property of the Long Island Railroad Company; running thence south along said line 87 degrees 38 minutes east 489.6 feet to the east line of Washington avenue; running thence north along said line 6 degrees 46 minutes 36 seconds east 25.6 feet to said south line of property of the Long Island Railroad Company; running thence along said line south 87 degrees 34 minutes 30 seconds east 776.5 feet; running thence along said line south 87 degrees 53 minutes east 1,407.2 feet; running thence south 2 degrees 25 minutes 30 seconds west 69.8 feet; running thence south 87 degrees 34 minutes 30 seconds east 608.1 feet to the west line of South Oyster Bay road; running thence along said line north 5 degrees east 17.6 feet; running thence north 16 degrees 44 minutes east 55.58 feet to said south line of property of the Long Island Railroad Company; running thence along said line south 87 degrees 18 minutes 30 seconds east 994.6 feet to the east line of Farmingdale road; running thence along said line south 26 degrees 21 minutes west 136.3 feet; running thence south 87 degrees 18 minutes east 876.8 feet to the west line of property of The City of New York; running thence along said line south 29 degrees 40 minutes west 224.4 feet; running thence north 87 degrees 18 minutes west 917.9 feet to the west line of Farmingdale road; running thence south 47 degrees 55 minutes west 46 feet; running thence north 80 degrees 19 minutes 30 seconds west 791.25 feet to the west line of South Oyster Bay road; running thence along said line south 5 degrees west 116.5 feet to the north line of Railroad avenue; running thence along said line north 85 degrees 57 minutes west 2,063.7 feet; running thence along said line north 80 degrees 24 minutes west 223.4 feet; running thence along said line north 88 degrees 47 minutes west 515.9 feet; running thence along said line north 88 degrees 34 minutes 30 seconds west 865.2 feet; running thence along said line north 88 degrees 43 minutes 30 seconds west 1,695.7 feet to the east line of Seaman's Neck road; running thence along said line north 14 degrees 25 minutes west 358.1 feet to the place of beginning; and also

Beginning at a point where the east line of property now owned by The City of New York intersects the south line of property of the Long Island Railroad Company; running thence along said south line of property of the Long Island Railroad Company south 87 degrees 18 minutes 30 seconds east 850.2 feet; running thence along said last-mentioned line south 87 degrees 20 minutes 30 seconds east 779.1 feet; running thence along said line south 87 degrees 19 minutes 30 seconds east 2,338 feet; running thence along said line south 87 degrees 19 minutes east 2,315.2 feet; running thence along said line south 87 degrees 58 minutes east 1,983.4 feet to the west line of Carman's road; running thence along said line south 16 degrees 58 minutes west 51.7 feet; running thence along the south line of Railroad avenue south 87 degrees 58 minutes east 2,010.8 feet to the west line of Suffolk County road; running

thence along said line south 27 minutes west 295.6 feet to the north line of Hallett street; running thence along said line north 87 degrees 36 minutes west 2,094.1 feet to the west line of Carman's road; running thence along said line south 16 degrees 27 minutes west 357.8 feet; running thence along said line south 7 degrees 35 minutes west 1,395.2 feet; running thence along said line south 4 degrees 36 minutes west 199.6 feet; running thence south along said line 9 degrees west 166 feet; running thence along said line south 17 degrees 2 minutes west 129.7 feet; running thence along said line south 30 degrees 45 minutes west 135 feet; running thence along said line south 17 degrees 43 minutes west 229.9 feet; running thence north 6 degrees 46 minutes west 567.2 feet; running thence north 11 degrees 54 minutes east 1,894.8 feet; running thence north 33 degrees 12 minutes east 664.5 feet; running thence north 87 degrees 58 minutes west 1,171 feet; running thence north 87 degrees 54 minutes 30 seconds west 526.2 feet; running thence north 87 degrees 19 minutes west 533.6 feet; running thence south 11 degrees 50 minutes west 814.6 feet; running thence south 7 degrees 5 minutes west 694.3 feet; running thence south 23 degrees 25 minutes west 1,341.2 feet; running thence south 17 degrees 6 minutes east 293.2 feet; running thence south 19 degrees 44 minutes west 1,146 feet to the north line of Merrick road; running thence along said line north 89 degrees 15 minutes west 459.8 feet; running thence north 5 degrees 21 minutes east 187 feet; running thence north 33 degrees 47 minutes east 272.9 feet; running thence north 21 degrees 54 minutes east 384.1 feet; running thence north 15 degrees 48 minutes east 784.8 feet; running thence south 73 degrees 37 minutes east 88.8 feet; running thence north 23 degrees 43 minutes east 1,208.6 feet; running thence north 6 degrees 58 minutes east 710.1 feet; running thence north 11 degrees 38 minutes east 784.7 feet; running thence north 87 degrees 19 minutes west 1,603.4 feet; running thence north 87 degrees 19 minutes 30 seconds west 2,410.1 feet to west line of Wurtemburg road; running thence north 87 degrees 19 minutes 30 seconds west 1,660.2 feet to the east line of land of The City of New York; running thence along said line north 39 degrees 48 minutes east 250.8 feet to the place of beginning.

Be the said several dimensions more or less.

The said real estate is more particularly shown upon a "Map showing lands in the Townships of Hempstead and Oyster Bay, Nassau County, New York, to be acquired for the purposes of maintaining, preserving and increasing the supply of pure and wholesome water for the use of The City of New York, Borough of Brooklyn," with a certificate of the adoption thereof, dated September 7, 1904, signed by George B. McClellan, as Mayor, and John T. Oakley, as Commissioner of Water Supply, Gas and Electricity, a copy of which said map was filed on said date in the office of said Commissioner of Water Supply, Gas and Electricity, and a copy of which was filed on the 3d day of November, 1904, in the office of the Clerk of the County of Nassau and numbered 46.

The numbers of the parcels of said map designated to be taken in fee absolute are 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 and 29, and the numbers of the parcels upon said map which are to be taken in fee subject to the use of the surface thereof as rights of way are A, B, C, D, E, F, G, H, I, J and K.

Dated November 4, 1904.  
JOHN J. DELANY,  
Corporation Counsel,  
Borough Hall,  
Brooklyn,  
New York City,  
New York.  
n12,taw,d24

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage, rights, terms, easements, emoluments and privileges appurtenant to PIERS, OLD NUMBERS 16 AND 17, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said piers, or any portion thereof not now owned by The City of New York, and all wharfage rights, terms, easements, emoluments and privileges appurtenant to all that certain bulkhead, dock or wharf property on or near the southerly line of South street, in said Borough and City, between the easterly side of Pier, old number 16, and the westerly side of Pier, old number 17, and between the easterly side of Pier, old number 17, and the westerly side of Pier, old number 18, East river, not now owned by The City of New York, for the improvement of the water-front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, bearing date the 17th day of November, 1904, and filed and entered in the office of the Clerk of the County of New York on the 18th day of November, 1904, Alton B. Parker, Moses Herrmann and Charles P. Dillon were appointed Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is further given, pursuant to the statutes in such case made and provided, that the said Alton B. Parker, Moses Herrmann and Charles P. Dillon will attend at a Special Term, Part II, of the said Court, to be held at the County Court-house, in the Borough of Manhattan, City of New York, on the 14th day of December, 1904, at the opening of the court on that day for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having an interest in the said proceeding, as to their qualifications to act as Commissioners of Estimate and Assessment in this proceeding.

Dated New York, November 30, 1904.  
JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon row,  
Borough of Manhattan,  
New York City,  
New York.  
d2,13

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage, rights, terms, easements, emoluments and privileges appurtenant to PIERS, OLD NUMBERS 9 AND 10, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said piers or any portion thereof not now owned by The City of New York, and all wharfage, rights, terms, easements, emoluments and privileges appurtenant to all that certain bulkhead, dock or wharf property on or near the southerly line of South street, in said Borough and City,

between the easterly side of Pier No. 7 and the westerly side of Pier, old number 9, and between the easterly side of Pier, old number 9, and the westerly side of Pier, old number 10, and appurtenant to the westerly one-half part of the bulkhead, dock or wharf property between the easterly side of Pier, old number 10, and the westerly side of Pier, old number 11, East river, not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, bearing date the 17th day of November, 1904, and filed and entered in the office of the Clerk of the County of New York on the 18th day of November, 1904, Alton B. Parker, John F. Cowan and Edward Cahill were appointed Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is further given, pursuant to the statutes in such case made and provided, that the said Alton B. Parker, John F. Cowan and Edward Cahill will attend at a Special Term, Part II, of the said Court, to be held at the County Court-house, in the Borough of Manhattan, City of New York, on the 14th day of December, 1904, at the opening of the Court on that day, for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having an interest in the said proceeding, as to their qualifications to act as Commissioners of Estimate and Assessment in this proceeding.

Dated New York, November 30, 1904.  
JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City,  
New York.  
d2,13

## SECOND DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises situated in the block bounded by PLYMOUTH, ADAMS, WASHINGTON AND WATER STREETS; in the block bounded by ADAMS, PLYMOUTH, PEARL AND WATER STREETS; in the block bounded by ADAMS, WATER, WASHINGTON AND FRONT STREETS, and in the block bounded by ADAMS, WATER, PEARL AND FRONT STREETS, in the Borough of Brooklyn, duly selected, according to law, with other lands, as a site for the construction and permanent location of a suspension bridge over the East river, between the Boroughs of Manhattan and Brooklyn, in The City of New York, known as the Manhattan Bridge (Bridge No. 3).

NOTICE IS HEREBY GIVEN THAT THE report of Theodore B. Gates, John N. Partridge and William Vanamee, Commissioners of Estimate and Appraisal duly appointed in the above-entitled proceeding, which report bears date the 7th day of November, 1904, was filed in the office of the Board of Estimate and Apportionment of The City of New York at its office, Room 805, No. 277 Broadway, in the Borough of Manhattan, on the 30th day of November, 1904, and a duplicate of said report was filed in the office of the Clerk of the County of Kings on the same day.

Notice is further given that the said report will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term for the hearing of motions, at the County Court-house, in the County of Kings, in The City of New York, on the 15th day of December, 1904, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 30, 1904.  
JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
City of New York.  
d1,12

## KINGS COUNTY.

In the matter of acquiring title by The City of New York to certain lands situated on the NORTHERLY SIDE OF ROBINSON STREET PROPOSED, distant one hundred and fifty feet west of Rogers avenue, in the Borough of Brooklyn, in The City of New York, duly selected as a site for school purposes according to law.

NOTICE IS HEREBY GIVEN THAT WILLIAM W. Wingate, Louis W. Nke and Bancroft G. Braine, Commissioners of Estimate in the above-entitled proceeding, have made and signed their final report herein, and on November 30 filed the same in the office of the Board of Education of The City of New York at Park avenue and Fifty-ninth street, in the Borough of Manhattan, in The City of New York, and on the same day filed a duplicate of said report in the office of the Clerk of Kings County in the Hall of Records in the Borough of Brooklyn, in The City of New York, and that said report will be presented for confirmation to the Supreme Court at a Special Term for the hearing of motions to be held in the County Court-house in Kings County, on December 14, 1904, at 10.30 A. M.

Dated Borough of Brooklyn, The City of New York, November 30, 1904.

JOHN J. DELANY,  
Corporation Counsel,  
n3c,d10

## SECOND DEPARTMENT.

In 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 the APPROACH TO THE BRIDGE OVER THE BRONX RIVER, opposite Wakefield avenue, City of Yonkers, lying within the lines of East Two Hundred and Forty-first street (Becker avenue) (although not yet named by proper authority), from the New York and Harlem Railroad to the Bronx river, as laid out by the Board of Estimate and Apportionment on February 26, 1904, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 14th day of October, 1904, and duly entered in the office of the Clerk of the County of Kings, at his office in the Borough of Brooklyn, in The City of New York, on the 14th day of October, 1904, in the office of the Clerk of the County of New York, at his office in the Borough of Manhattan, in The City of New York, on the 15th day of October, 1904, and in the office of the Clerk of the County of Westchester, at his office at White Plains, on the 28th day of October, 1904, a copy of which order was duly filed in the office of the Register of the County of New York on the 22nd day of October, 1904, and indexed in the Index of Conveyances, Annexed Territory, Com-

missioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, to the respective owners, lessee, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned approach to the bridge, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Kings on the 14th day of October, 1904, in the office of the Clerk of the County of New York on the 15th day of October, 1904, and in the office of the Clerk of Westchester County on the 28th day of October, 1904, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said approach to the bridge, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, fourteenth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 20th day of December, 1904, at 4 o'clock in the afternoon of that day, to hear the said parties and persons in relation to the matter; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated Borough of Manhattan, New York City, November 23, 1904.

ARTHUR H. WADICK,  
FRANCIS SHACKELL,  
T. CHANNON PRESS,  
Commissioners,  
n23,d16

## SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening KINGSTON AVENUE, between Winthrop street and Malbone street, in the Twenty-fourth and Twenty-ninth Wards, in the Borough of Brooklyn, of The City of New York, as the same has been heretofore laid out.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owners or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 12th day of December, 1904, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 15th day of December, 1904, at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 22d day of December, 1904.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point on the southerly side of Malbone street where the same is intersected by the centre line of the block between Kingston avenue and Albany avenue; running thence southerly and along the centre line of the blocks between Kingston avenue and Albany avenue to the northerly side of Winthrop street; running thence westerly and along the northerly side of Winthrop street to the centre line of the block between Brooklyn avenue and Kingston avenue; running thence northerly and along the centre line of the blocks between Brooklyn avenue and Kingston avenue to the northerly side of Lefferts street; running thence easterly and along the northerly side of Lefferts street to the centre line of the block between Aiken place and Kingston avenue; running thence northerly and along the centre line of the block between Aiken place and Kingston avenue to the southerly side of Malbone street; running thence easterly and along the southerly side of Malbone street to the point or place of beginning.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 30th day of January, 1905, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, November 27, 1904.

THOMAS H. WAGSTAFF,  
Chairman;  
E. V. PARDESSUS,  
ALFRED T. HOBLEY,  
Commissioners,  
n22,d9

## 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 and premises required for the opening and extending of NORTHERN AVENUE (although not yet named by proper authority) from West One Hundred and Eighty-first street to points 784.3 feet and 756.23 feet northerly therefrom, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court-house, in the Borough of Manhattan, in The City of New York, on the 20th day of December, 1904, at 10.30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and ex-



penses 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 the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, December 6, 1904.

EDWARD L. PARKIS,  
EUGENE H. POMEROY,  
JOHN J. QUINLAN,  
Commissioners.

JOHN P. DUNN,  
Clerk.

d6,16

## SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening E.A. NINETEENTH STREET, from Avenue M to Foster avenue in the Twenty-ninth, Thirty-first and Thirty-second Wards, in the Borough of Brooklyn, of The City of New York, as the same has been heretofore laid out.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office, in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 14th day of December, 1904, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of December, 1904, at 10 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 22d day of December, 1904.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point on the southerly side of Avenue M and distant 100 feet easterly of the easterly side of East Nineteenth street; running thence southerly and parallel with East Nineteenth street 100 feet; running thence westerly and parallel with Avenue M to the center line of the block between East Eighteenth street and East Nineteenth street; running thence northerly and along the center line of the block between East Eighteenth street and East Nineteenth street to a point distant 100 feet northerly of the northerly side of Foster avenue; running thence northerly and parallel with Foster avenue to a line drawn parallel with East Nineteenth street and distant 100 feet easterly therefrom; running thence southerly parallel with East Nineteenth street and distant 100 feet easterly therefrom to the point or place of beginning.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 30th day of January, 1905, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, November 24, 1904.

F. B. VAN WART, Chairman;  
JOHN HILL MORGAN,  
GEORGE M. JANVIN,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

n22,d9

## SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the land, tenements and hereditaments required for the purpose of opening GLENMORE AVENUE, between Elderts lane and the County line, in the Twenty-sixth Ward, in the Borough of Brooklyn, of The City of New York, as the same has been heretofore laid out.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 14th day of December, 1904, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of December, 1904, at 3 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 22d day of December, 1904.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point on the easterly side of Elderts lane where the same is intersected by the center line of the block between Glenmore avenue and Liberty avenue; running thence easterly and along the center line of the block between Glenmore avenue and Liberty avenue to the boundary line between the Counties of Queens and Kings; running thence southerly and along the boundary line between the Counties of Queens and Kings to the center line of the block between Pitkin avenue and Glenmore avenue; running thence westerly and along the center line of the block between Pitkin avenue and Glenmore avenue to the easterly side of Elderts lane; running thence northerly and along the easterly side of Elderts lane to the point or place of beginning.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof,

for the hearing of motions, to be held in the County Court-house in the Borough of Brooklyn, in The City of New York, on the 30th day of January, 1905, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, November 22, 1904.

ANDREW J. PERRY, Chairman;  
CHRISTIAN J. BODE,  
H. A. INTERMANN,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

n22,d9

## SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening ELEVENTH AVENUE, from Fifty-ninth street to Eighty-third street, in the Thirtieth Ward in the Borough of Brooklyn, of The City of New York, as the same has been heretofore laid out.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office, in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 14th day of December, 1904; and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of December, 1904, at 10 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 22d day of December, 1904.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point on the southerly side of Fifty-ninth street where the same is intersected by the center line of the block between Eleventh avenue and Twelfth avenue; running thence southerly and along the center line of the block between Eleventh avenue and Twelfth avenue to the northerly side of Eighty-third street; running thence westerly and along the northerly side of Eighty-third street to the center line of the block between Tenth avenue and Eleventh avenue; running thence northerly and along the center line of the block between Tenth avenue and Eleventh avenue to the southerly side of Fifty-ninth street; running thence easterly along the southerly side of Fifty-ninth street to the point or place of beginning.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 30th day of January, 1905, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, November 22, 1904.

GEORGE S. BILLINGS, Chairman;  
THOMAS H. TRIVY,  
SANDERS SHANKS,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

n22,d9

## SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening NARROW AVENUE, from Seventy-first street to Shore road, in the Thirtieth Ward of the Borough of Brooklyn, of The City of New York, as the same has been heretofore laid out.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and supplemental estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, No. 166 Montague street in the Borough of Brooklyn in The City of New York, on or before the 14th day of December, 1904, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of December, 1904, at 3 o'clock P. M.

Second—That the abstract of our said estimate and supplemental estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 22d day of December, 1904.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the southerly side of Bay Ridge avenue with the easterly side of Shore road; running thence southerly and along the easterly side of Shore road to its intersection with the easterly side of Narrows avenue; running thence northerly and parallel with Eighty-ninth street to the center line of the block between Narrows avenue and First avenue; running thence northerly and along the center line of the block between Narrows avenue and First avenue to the southerly side of Bay Ridge avenue; running thence westerly and along the southerly side of Bay Ridge avenue to the point or place of beginning.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court-house in the Borough of Brooklyn, in The City of New York, on the 30th day of January, 1905, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, November 22, 1904.

JOHN B. SHANAHAN,  
FRANK BAILEY,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

n22,d9

## SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of ACADEMY STREET (although not yet named by proper authority), from Hunter avenue to Grand avenue, in the First Ward, Borough of Queens, in The City of New York.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 252 Jackson avenue, in the Borough of Queens, in The City of New York, on or before the 14th day of December, 1904, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of December, 1904, at 10 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 252 Jackson avenue, in the Borough of Queens, in said City, there to remain until the 22d day of December, 1904.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point formed by the intersection of the northerly line of Hunter avenue with the southwesterly prolongation of a line parallel to and 100 feet northwesterly from the northwesterly line of Academy street; running thence northeasterly along said prolongation and parallel line to its intersection with the southwesterly line of Grand avenue; thence southeasterly along said southwesterly line to its intersection with a line parallel to and 100 feet southeasterly from the southwesterly line of Academy street; thence southwesterly along said parallel line to its intersection with the northerly line of Hunter avenue; thence westerly along said northerly line to the point or place of beginning, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 30th day of January, 1905, at the opening of the Court on that day.

Dated Borough of Manhattan, New York, August 5, 1904.

CORTLAND C. WOODBURN,  
W. L. WOODILL,  
Commissioners.

JOHN P. DUNN,  
Clerk.

n21,d9

## 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 OAK TREE PLACE (although not yet named by proper authority), from Laontaine avenue to Hughes avenue, in the Twenty-fourth Ward, Borough of The Bronx, The 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 14th day of December, 1904, at 10 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, November 29, 1904.

G. M. SPEIR,  
HENRY A. GUMBLETON,  
ALBERT SANDELS,  
Commissioners.

JOHN P. DUNN,  
Clerk.

n19,d9

## SECOND JUDICIAL DISTRICT.

In the matter of the application and petition of George B. McClellan, Edward M. Grout, Alexander E. Orr, Charles Stuart Smith, Morris K. Jesup, John H. Starin, Woodbury Langdon and John Claflin, constituting the Board of Rapid Transit Railroad Commissioners of The City of New York, for and on behalf of said City, for the appointment of Commissioners of Appraisal under chapter 4 of the Laws of 1891, and of the various statutes amendatory thereof and supplemental thereto relative to lands at JORALEMON AND FURMAN STREETS, in the Borough of Brooklyn, in The City of New York.

**NOTICE IS HEREBY GIVEN THAT IT IS** the intention of the Corporation Counsel of The City of New York to make application to the Supreme Court, at the Special Term for the hearing of motions, to be held at the County Court-house in the Borough of Brooklyn, on the 20th day of December, 1904, at the opening of the Court on that day, for the appointment of three disinterested freeholders, residents of The City of New York, as Commissioners of Appraisal, to ascertain and appraise the compensation to be made to the owners and all persons interested in the real property, rights, franchises, easements or privileges sought to be taken or affected in this proceeding.

The real property affected is located in the Borough of Brooklyn, and a fuller statement setting forth the location and boundaries of the several lots or parcels of property, and rights, franchises, easements or privileges sought to be taken or affected is annexed to similar maps heretofore adopted and approved by the Board of Rapid Transit Railroad Commissioners on the 16th day of June, 1904, and which said maps were filed, one in the office of the President of the Borough of Brooklyn on the 20th day of June, 1904; one in the office of the Register of the County of Kings on the 5th day of November, 1904, and one in the office of the Board of

Rapid Transit Railroad Commissioners on the 20th day of June, 1904.

It is sought to be obtained in this proceeding a permanent and perpetual underground right, easement and right of way under the following-described premises: A permanent and perpetual underground right, easement and right of way for the construction, maintenance and operation in perpetuity of a rapid transit railroad in accordance with the routes and general plan prescribed by the Board of Rapid Transit Railroad Commissioners, by resolution adopted on the 25th day of January, 1901; approved by the Municipal Assembly of The City of New York on the 21st day of May, 1901; approved by the Mayor of The City of New York on the 1st day of June, 1901, and consented to by the Appellate Division of the Supreme Court in the Second Judicial Department by an order made and entered on or about the 25th day of January, 1902.

The said railroad in the part thereof shown upon the map is to consist of two lines or tracks running parallel, or substantially so, and each of said tracks is inclosed in a tunnel whose outer surface is to be a cast-iron cylindrical tube of not more than sixteen feet and nine inches in diameter. The centres of said tubes shall not be more than twenty-eight feet apart. Each of the said tubes containing the said railway tracks shall be placed substantially equidistant from and parallel with a centre line described as follows:

Beginning at a point in Joralemon street, in the Borough of Brooklyn, City of New York, which point lies upon the westerly side of Furman street, distant about twenty-two feet southerly from the northwesterly corner of Joralemon and Furman streets; running thence in a westerly direction under Joralemon street and curving northerly along the circumference of a circle which has a radius of four thousand five hundred feet, and passing under certain land and under a certain bulkhead of the New York Dock Company, at or nearly opposite to the foot of Joralemon street; thence passing between Piers 17 and 18 of the said dock company, as the same now exist, and under certain land under water of the said company heretofore granted by the State of New York, to the northwesterly boundary of the said grant.

The said tubes shall be so constructed that the tops thereof at the westerly side or line of Furman street shall be not less than seventeen feet below the level of mean high water, or about thirty feet below the surface of said street; that the tops of said tubes at the existing bulkhead line shall be not less than twenty-seven feet below mean high water; and that at the northwesterly boundary of the said grant, the tops of the said tubes shall not be less than fifty-one feet below mean high water. Said right and easement shall include the right to maintain and operate a railroad perpetually and permanently through the said tubes, so to be constructed in accordance with the provisions of chapter 4 of the Laws of 1891 as amended, and the regulations and provisions for the operation of said railroad made pursuant thereto, and the right to enter upon the said premises so far as may be necessary for the construction, maintenance and operation of such railroad.

Dated New York, November 5, 1904.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.  
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## 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, the names of all persons interested with him herein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a department, chief of a bureau, deputy thereof, or clerk thereon, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract or in the supplies, work or business to which it relates, or in any portion of the profits, thereof. The bid or estimate must be verified by the oath, in writing of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless, as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The 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.