

# THE CITY RECORD.

VOL. XLIII. NUMBER 12758.

NEW YORK, THURSDAY, APRIL 29, 1915.

PRICE, 3 CENTS.

## THE CITY RECORD.

OFFICIAL JOURNAL OF THE CITY OF NEW YORK.  
Published Under Authority of Section 1526, Greater New York Charter, by the  
BOARD OF CITY RECORD.

JOHN PURROY MITCHEL, Mayor.  
FRANK L. POLE, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER.

DAVID FERGUSON, SUPERVISOR.

Supervisor's Office, Municipal Building, 8th floor.

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

Subscription, \$9.30 per year, exclusive of supplements. Daily issue, 3 cents a copy.  
SUPPLEMENTS: Civil List (containing names, salaries, etc., of the City employees), Two Dollars; Official Canvass of Votes, 10 cents; Registry Lists, 5 cents each assembly district; Law Department Supplement, 10 cents; Annual Assessed Valuation of Real Estate, 25 cents each section; postage prepaid.

ADVERTISING: Copy for publication in the City Record must be received at least TWO (2) days before the date fixed for the first insertion; when proof is required for correction before publication, copy must be received THREE (3) days before the date fixed for the first insertion.

COPY for publication in the corporation newspapers of Brooklyn must be received at least THREE (3) days before the date fixed for the first insertion.  
Entered as Second-class Matter, Post Office at New York City.

## TABLE OF CONTENTS.

Aldermen, Board of—		Manhattan, Borough of—	
Hearings by the Committee on Build-		Proposals	3504
ings	3460	Municipal Civil Service Commission—	
Minutes of Stated Meeting Held	3460	Proposals	3498
April 27, 1915		Proposals	3498
Assessors, Board of—		Proposed Amendment to Rules	3498
Completion of Assessments	3500	Notice to Bidders at Sales of Old Build-	
Bellevue and Allied Hospitals—		ings, etc.	3510
Proposals	3501	Official Directory	3497
Board Meetings	3500	Parks, Department of—	
Bridges, Department of—		Auction Sale	3503
Report for Week Ended April 10, 1915	3497	Proposals	3503
Bronx, Borough of—		Police Department—	
Proposals	3499	Owners Wanted for Unclaimed Prop-	
Brooklyn, Borough of—		erty	3501
Proposals	3499	Public Charities, Department of—	
Changes in Departments, etc.	3497	Proposals	3499
Correction, Department of—		Report for Week Ended April 10, 1915	3496
Proposals	3500	Public Service Commission, First District—	
Docks and Ferries, Department of—		Calendar for the Week Commencing	
Float Privileges	3498	April 26, 1915	3460
Proposals	3499	Invitation to Contractors	3507
Stand Privilege	3498	Queens, Borough of—	
Education, Department of—		Proposals	3506
Proposals	3503	Sinking Fund, Commissioners of—	
Estimate and Apportionment, Board of—		Public Notice	3507
Notices of Public Hearings, Franchise		Street Cleaning, Department of—	
Matters	3505	Proposals	3500
Executive Department—		Supreme Court, First Department—	
Hearings on Legislative Bills	3459	Application for Appointment of Com-	
Finance, Department of—		missioners	3507
Confirmation of Assessments	3502	Filing Preliminary Abstracts	3508
Corporation Sales of Buildings	3501	Hearings on Qualifications	3509
Corporation Sale of Lease	3501	Notice of Appointment	3507
Corporation Sales of Real Estate	3502	Supreme Court, Second Department—	
Interest on City Bonds and Stock	3502	Application to Amend Proceedings	3509
Notice to Taxpayers	3502	Filing Bill of Costs	3510
Report of Chamberlain for Week End-		Filing Final Reports	3510
ing March 13, 1915	3494	Filing Preliminary Abstracts	3510
Sureties on Contracts	3502	Supreme Court, Third Judicial District—	
Vouchers Received April 28, 1915	3491	Application for Appointment of Com-	
Warrants Made Ready for Payment		missioners	3510
April 28, 1915	3489	Water Supply, Board of—	
Fire Department—		Proposals	3501
Proposals	3501	Water Supply, Gas and Electricity, Depart-	
Public Notice	3460	ment of—	
Instructions to Bidders for Work to Be		Proposals	3500
Done or Supplies to Be Furnished	3510		

## EXECUTIVE DEPARTMENT.

### Hearings on Legislative Bills.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate Bill 1882, Int. No. 1510, has been passed by both branches of the Legislature, entitled:

An act to authorize the board of estimate and apportionment of the city of New York to inquire into, audit and cause the payment of the claims of Antonio M. Caridi, Theodore Palumbo, Frank P. Bruno and Alfred Bertoni for services rendered to the said city.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 2073, Int. No. 1599, has been passed by both branches of the Legislature, entitled:

An act to amend chapter three hundred and thirty-six of the laws of nineteen hundred and three, entitled "An act to provide for the erection of a court house in the county of New York, and authorizing the acquisition of a site therefor," in relation to contracts.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 1974, Int. No. 1558, has been passed by both branches of the Legislature, entitled:

An act to authorize the board of assessors of the city of New York to make awards for damage caused by the change of grade of Sixty-seventh street, Brooklyn.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 510, Int. No. 478, has been passed by both branches of the Legislature, entitled:

An act authorizing the commissioners of the sinking fund of the city of New York to cancel a portion of an assessment levied against the Mariners Harbor Baptist Church in Richmond county, and providing for the repayment thereof.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 1288, Int. No. 1131, has been passed by both branches of the Legislature, entitled:

An act to amend the Greater New York charter, in relation to the correction of taxes and assessments and refunding taxes paid on erroneous assessments.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate No. 1301, Int. No. 1141, has been passed by both branches of the Legislature, entitled:

An act to amend the poor law, in relation to the relief of soldiers, sailors and their families.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate No. 2081, Int. No. 1371, has been passed by both branches of the Legislature, entitled:

An act to amend the public health law, in respect to conferring upon the city of New York control over the potable water supply of said city.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate Bill 760, Int. No. 700, has been passed by both branches of the Legislature, entitled:

An act to repeal section seven of chapter fifteen of the laws of eighteen hundred and eighty-six, entitled "An act to amend chapter six hundred and thirty-three of the laws of eighteen hundred and sixty-six, entitled 'An act in relation to the benevolent fund of the late volunteer fire department of the city of New York, and incorporating the trustees thereof.'"

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate Bill 1694, Int. No. 1404, has been passed by both branches of the Legislature, entitled:

An act to amend the Greater New York charter, in relation to the collection of unpaid personal taxes by distress and sale.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 1482, Int. No. 1276, has been passed by both branches of the Legislature, entitled:

An act to amend the Greater New York charter, in relation to costs awarded to the city of New York.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate No. 2135, Int. No. 1635, has been passed by both branches of the Legislature, entitled:

An act to amend the inferior criminal courts act of the city of New York, generally.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 504, Senate 1335, Int. 494, has been passed by both branches of the Legislature, entitled:

An act to amend the lien law, in relation to filing statement of chattel mortgage, in the borough of the Bronx.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly 2013, Senate 2117, Int. No. 1635, has been passed by both branches of the Legislature, entitled:

An act to amend section thirty-nine of chapter four of the laws of eighteen hundred and ninety-one, entitled "An act to provide for rapid transit railways in cities of over one million inhabitants," with reference to exchange of property owned by the city and used by any department thereof for property owned by the city not required for rapid transit purposes.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 1976, Int. 1560, has been passed by both branches of the Legislature, entitled:

An act to amend chapter nine hundred and eighty-nine of the laws of eighteen hundred and ninety-six, entitled "An act in relation to the office of county clerk in the county of New York," and to make the same applicable to all the counties embraced within the city of New York.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.



PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Senate 1861, Int. 885, has been passed by both branches of the Legislature, entitled:

An act to amend chapter seven hundred and thirty-seven of the laws of nineteen hundred and eleven, entitled "An act to authorize the board of assessors of the city of New York to estimate and allow the damages sustained by owners of real property fronting upon streets approaching the Manhattan bridge over the East river in said city," in relation to the streets upon which such property is located and the time within which to file claims, and authorizing the board of assessors of the city of New York to estimate and allow the damages sustained by owners or lessees of land and buildings fronting upon streets approaching said Manhattan bridge.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Friday, April 30, 1915, at 4 o'clock p. m.

Dated City Hall, New York, April 28, 1915.

a29,30

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 2173, Int. No. 1115, has been passed by both branches of the Legislature, entitled:

An act to amend the Greater New York charter, relative to aldermanic districts, the division of the city into the same and the boundaries thereof, and to districts for home rule and local improvements.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 102, Int. No. 102, has been passed by both branches of the Legislature, entitled:

An act making an appropriation for the improvement and care of a plot of ground in the Cypress Hills cemetery in the city of New York, and approaches thereto, and providing for the acquisition by the state of necessary lands for such approaches.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 2188, Int. No. 1684, has been passed by both branches of the Legislature, entitled:

An act to amend the Greater New York charter, in relation to clerks and other officers of the municipal court of the city of New York.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 1786, Int. No. 1042, has been passed by both branches of the Legislature, entitled:

An act authorizing the board of assessors of the city of New York to estimate and allow damages sustained by owners of real property fronting upon streets or roads running transversely underneath the Grand boulevard and concourse in the city of New York, caused by the erection of approaches from such streets or roads to such Grand boulevard and concourse.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 1102, Int. No. 1015, has been passed by both branches of the Legislature, entitled:

An act to authorize the board of assessors of the city of New York to determine the damage sustained by owners of real property in the city of New York by reason of the construction of any bridge and approaches thereto over any navigable streams.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 1946, Senate 1937, Int. 1474, has been passed by both branches of the Legislature, entitled:

An act to amend chapter four of the laws of eighteen hundred and ninety-one, entitled: "An act to provide for rapid transit railways in cities of over one million inhabitants," relative to change of contracts.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 2127, Int. No. 1131, has been passed by both branches of the Legislature, entitled:

An act to exclude from the city of New York that territory known as the fifth ward of the borough of Queens of the city of New York, and incorporate the same under the corporate name of Rockaway City, and to provide for the government thereof.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

PURSUANT TO STATUTORY REQUIREMENT, notice is hereby given that an act, Assembly No. 2186, Int. No. 1290, has been passed by both branches of the Legislature, entitled:

An act to amend chapter four hundred and twenty-four of the laws of nineteen hundred and three, entitled: "An act to provide for the abolition, discontinuance and avoidance of certain grade crossings in the city of New York, and to that end to authorize the city of New York to grant a right of way under Saint Mary's Park in the borough of the Bronx in said city of New York to the New York and Harlem Railroad Company, and to acquire from the said railroad company a part of its present roadway," in relation to the awarding of damages by reason of change of grade of any street or avenue so affected thereby.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in the City of New York, on Thursday, April 29th, 1915, at three o'clock p. m.

Dated City Hall, New York, April 27th, 1915.

a28,29

JOHN PURROY MITCHEL, Mayor.

## FIRE DEPARTMENT.

### Public Notice.

NOTICE IS HEREBY GIVEN THAT the weekly list of requirements of FIRE PREVENTION ORDERS will no longer be published in the CITY RECORD, but for

the week ended April 24th, and thereafter, will be posted on Tuesday of each week on bulletin board, in north end of corridor, near entrance to Bureau of Fire Prevention, 11th floor, Municipal Building.

a28,30

ROBERT ADAMSON, Fire Commissioner.

## BOARD OF ALDERMEN.

### Hearing by the Committee on Buildings.

PUBLIC NOTICE IS HEREBY GIVEN that the Committee on Buildings of the Board of Aldermen will hold a public hearing in the Aldermanic Chamber, City Hall, Borough of Manhattan, on THURSDAY, APRIL 29, 1915, at 2 o'clock p. m., on the following subject:

No. 1654. Ordinance amending the sections of the Building Code relating to excavations and foundations. (See minutes of April 13, 1915.)

All persons interested are invited to attend.

a15,29

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

## PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for the Week Commencing April 26, 1915.

Thursday, April 29, 1915—11 a. m.—Room 305—Case No. 1940—Bronx Gas and Electric Company—"Application for approval of issue of \$200,000 bonds"—Whole Commission. 2.30 p. m.—Room 305—Case No. 1273—Kings County Lighting Company—John G. Mayhew et al., complainants—"Further hearing as to rate for gas in the 30th Ward, Brooklyn"—Commissioner Hayward.

Friday, April 30, 1915—12 m.—Room 305—Case No. 1920—Third Avenue Railway Company—"Investigation as to compliance with uniform system of accounts"—Whole Commission. 2.30 p. m.—Room 305—Case No. 1949—United Electric Light and Power Company—H. J. Klappert, complainant—"Refusal to remove transformer from complainant's premises"—Commissioner Hayward.

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

Regular meeting of the Commission held every Tuesday and Friday at 12.15 p. m. in Room 310.

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

### STATED MEETING.

Tuesday, April 27, 1915, 1.30 o'clock P. M.

The Board met in the Aldermanic Chamber, City Hall.

In the temporary absence of the President, the Vice-Chairman called the Board to order.

Present:

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

Aldermen

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

Charles J. McCormack, President, Borough of Richmond, by Spire Pitou, Jr., Commissioner of Public Works.

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

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

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

Marcus M. Marks, President, Borough of Manhattan, by E. V. Frothingham, Commissioner of Public Works.

The Vice-Chairman announced that Aldermen Post and White had been excused from attendance.

The Clerk proceeded to read the minutes of the stated meeting of April 20, 1915.

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

### MESSAGES FROM THE MAYOR.

The Vice-Chairman laid before the Board the following communication from his Honor the Mayor:

No. 1681.

Communication from His Honor the Mayor, with Inclosure Regarding Entertainment of the United States Atlantic Fleet When It Visits the Port of New York, May 8 to 18, 1915.

City of New York, Office of the Mayor, April 26, 1915.

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

Dear Sir—I transmit herewith a letter from Mr. Cornelius Vanderbilt, Chairman of the committee for the entertainment and reception of the United States Atlantic Fleet when it visits this port May 8th-18th. Mr. Vanderbilt requests an appropriation by the city of \$10,000 to be used in defraying the expenses of the reception and entertainment.

As you know, the President and the Secretary of the Navy will review the fleet on May 17th, and I regard it as highly desirable that the city make this necessary appropriation. Very truly yours,

JOHN PURROY MITCHEL, Mayor.

April 26, 1915.

Hon. JOHN PURROY MITCHEL, Mayor, City Hall, New York:

Dear Sir—As Chairman of the committee which you appointed for the entertainment of the officers and men of the United States Atlantic Fleet on their visit to the city next month, I beg to request that you will present to the Board of Aldermen a request for an appropriation of \$10,000 to assist in defraying the expenses of the reception and entertainment of the Fleet. As the President and Secretary of the Navy are coming to review the Fleet on May 17th, I think you will agree with me that it is incumbent upon the city to provide a suitable welcome.

During the last visit of the fleet in October, 1912, at which time President Taft and Secretary of the Navy Meyer reviewed the fleet, the city's entertainment was a successful and significant feature, and we desire to equal that success at the forthcoming visit. At that time the city made an appropriation of \$10,000, and approximately \$25,000 more was raised by individual subscription. Very truly yours,

CORNELIUS VANDERBILT, Chairman, Mayor's Committee for the Entertainment of the Fleet.



In connection herewith Alderman Dowling offered the following resolution and moved its adoption:

Resolved, That, in pursuance of the provisions of Subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue Special Revenue Bonds to the amount of ten thousand dollars (\$10,000), the proceeds whereof to be used by and expended under the direction of his Honor the Mayor and such Committee of the Board of Aldermen as may be appointed in the premises for the purpose of meeting the expenses contingent to the part that The City of New York will take in the entertainment and reception of the United States Atlantic Fleet when it visits this port during the month of May of this year.

The Vice-Chairman put the question whether the Board would agree to adopt said resolution.

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

Affirmative—Aldermen Bedell, Benninger, Boschen, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Curran, Delaney, Diemer, Dixon, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Ferrand, Eagan, Fink, Gaynor, Hannon, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stevenson, Taylor, Trau, Valentine, Weil, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; the Vice-Chairman, the President—67.

PETITIONS AND COMMUNICATIONS.

No. 1682.

Being a communication from the United Master Butchers' Association of America endorsing proposed ordinance providing for more thorough inspection of meats.

Which was ordered on file.

COMMUNICATIONS FROM CITY, COUNTY AND BOROUGH OFFICERS.

The Vice-Chairman laid before the Board the following communication from the Department of Water Supply, Gas and Electricity:

No. 1683.

Commissioner of Water Supply, Gas and Electricity—Request for Authority to Enter into Agreement with the United States Realty and Improvement Company for the Construction of Water Mains, Etc., Without Public Letting.

City of New York, Department of Water Supply, Gas and Electricity, Office of the Commissioner, Municipal Building, New York City, April 22, 1915.  
Hon. GEORGE MCANENY, President, Board of Aldermen, City of New York:

Dear Sir—At several locations on Seventh Avenue along the line of the subway construction the department deems it advisable to improve the distribution system, as at this time the work can be done at a saving of approximately \$2,700. This saving represents mainly what the cost would be to the department if it were required to remove and replace the street pavement. The improvement which the department contemplates relates to that section of the distribution system on Seventh Avenue between Commerce and 17th Streets. The subway work at this location is now being performed by the United States Realty & Improvement Company.

I hereby respectfully request authority from the Board of Aldermen to enter into an agreement with the above named company for the construction of water mains and appurtenances and alterations to existing structures, in accordance with department plan M. B. 465, for a sum not to exceed \$7,950, the expenditure of this money to be authorized without the formality of advertising for competitive bids.

Respectfully,

WILLIAM WILLIAMS, Commissioner.

Which was referred to the Committee on Public Letting.

The Vice-Chairman laid before the Board the following communication from the Department of Parks, Manhattan and Richmond:

No. 1684.

Department of Parks, Manhattan and Richmond—Request for Special Revenue Bonds for Various Purposes.

City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Municipal Building, 10th Floor, April 22nd, 1915.

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

Dear Sir—Request is hereby made for an issue of special revenue bonds, in accordance with the provisions of subdivision 8 of section 188 of the Greater New York Charter, proceeds to be expended during the remainder of the year for the following items, and for which no provision was made in the budget for 1915:

Repairing Soldiers' and Sailors' Monument .....	\$5,000 00
Dairy Building, Central Park .....	5,000 00
Mineral Springs House, Central Park .....	1,500 00
Terrace Stone Works, Central Park .....	7,500 00
Roger Morris Park Wall .....	2,000 00
Gracie Mansion, Carl Schurz Park .....	4,400 00
Repairing Seventh Regiment Monument .....	800 00
	\$26,200 00

There is attached a detailed description of each item asked for, setting forth reasons why each amount is immediately necessary. Very truly yours,  
CABOT WARD, Commissioner of Parks, Manhattan and Richmond.

Repairing Soldiers' and Sailors' Monument, Riverside Drive, \$5,000.

In presenting a request for funds to repair the Soldiers' and Sailors' Monument, your attention is directed to the fact that a failure to appropriate the amount now asked for will involve the spending of a much larger sum at a later date.

I believe that it is good business to make repairs at this juncture and not to delay until the work approaches restoration.

To perform the needed repairs, the sum of \$5,000 is requested. A detailed estimate follows:

Repairs to brick pavement, including the resetting and regrading of marble borders .....	\$650 00
Regrading of the brick pavement on the north terrace, including the moving aside of the granite seat and furnishing and setting new marble slabs .....	200 00
Cleaning out joints and repointing of the entire balustrade, including water table and the resetting of several caps and cheek pieces on same ..	1,870 00
Resetting of four drains on the north terrace .....	40 00
Resetting of six drains on the south terrace, and providing new marble slabs .....	150 00
Resetting of one drain on the west bay, back of the flagpole .....	50 00
Bronze revolving doors, saddles, ceilings, etc., in the present vestibule ...	640 00
Remedying condensation on interior, including storage batteries and fan, calcium chloride pans, leaders, wrought iron piping, etc. ....	300 00
Closing the two openings on the top of the monument with sash .....	200 00
Scaffolding on the interior to do this work .....	150 00
Resetting of the steps and coping .....	250 00
Incidentals, cleaning, dowels, cramps, etc. ....	200 00
Supervision .....	300 00
	\$5,000 00

Dairy Building, Central Park, \$5,000.

The sum of \$5,000 is asked for the complete overhauling of the Dairy Building, Central Park.

This will include a new roof, restoration of the entire interior of the building, putting in new floors, plastering, electric lighting, plumbing and painting; also the restoration of the exterior stone and wood work and brick pavement on the terrace.

This building has not been occupied since October 1st, 1913, when the concessionaire was forced to give up his privilege because of the disrepair of the building. There have been a great many leaks in the roof, with the result that puddles of water have formed on many spots on the floor, rotting and disintegrating the woodwork.

On March 15th, 1915, bids were received and opened for the letting of this building to a concessionaire. The high bid received was for \$636 per year for conducting a soda fountain and light refreshment business.

The Dairy Building in its present condition is useless. With the outlay of the requested sum of \$5,000, this building could be put in first class condition, and will net an income to the City of \$636 per annum, providing, in addition, a much needed shelter for this portion of the park.

Mineral Springs House, Central Park, \$1,500.

The sum of \$1,500 is asked for restoring Mineral Springs House, Central Park. Repairs will include a new roof and painting of the interior where damaged by fire.

The situation of the Mineral Springs House is similar to that of the dairy, with the exception that the privilege holder, paying a rental of \$750 per annum, is located there at the present time. This privilege will become vacant unless the repairs requested above are made this spring.

Weatherproofing Terrace Stone Work, Central Park, \$7,500.

The sum of \$7,500 is requested for the weatherproofing and preservation of all stone work at the Terrace in Central Park, as well as all the stone work at the Terrace Bridge, both at the roadway and under the bridge, together with all balustrading, staircases, seats, etc., around the Bethesda Fountain.

This stone work is rapidly disintegrating, large pieces scaling off through the effect of the weather and the working of the water in the stone.

Unless this stone work is properly weatherproofed at an early date, complete restoration of all the above mentioned stone work will be necessary in a year or so.

Roger Morris Park Wall, \$2,000.

The sum of \$2,000 is asked for repairing Roger Morris Park Wall, which at the present time is in dangerous condition.

The work will include taking down parts of the old wall where the bricks have fallen and the wall is out of line, building two new pieces of wall and pointing up of all exposed work, etc.

Here again the delay in repairing will mean the expenditure of a much larger sum at a later date.

Gracie Mansion, Carl Schurz Park, \$4,400.

This work will include the repairing of the entire exterior of the building, including painting and kalsomining, new gutters and leaders, new roofing and extension of steam heating to the upper floors.

It is contemplated that this building be used as a recreation center for that section of the city adjacent to Carl Schurz Park.

Repairing Seventh Regiment Monument, \$800.

The sum of \$800 is asked for repairing of the Seventh Regiment Monument on the West Drive of Central Park near the 66th Street entrance.

This repair is necessary through actual vandalism and theft and destruction of certain parts of the monument.

The work will include the following: 2 new shields complete; 1 shield now at the Arsenal to be straightened out and repaired equal to new; 4 new sword ends; repair and replace missing parts on four (4) lower twig ends; repair and replace missing parts on four (4) upper twig ends; all other parts to be refinished and made equal to new and to be placed so that same cannot be readily pried off, using long heavy bronze bolts for same.

Which was referred to the Committee on Finance.

The Vice-Chairman laid before the Board the following communication from the Department of Water Supply, Gas and Electricity:

No. 1685.

Department of Water Supply, Gas and Electricity—Request for Permission to Enter into Contract, Without Public Letting, for Relocation of High Pressure Fire Hydrants in Varick Street and Seventh Avenue.

City of New York, Department of Water Supply, Gas and Electricity, Office of the Commissioner, Municipal Building, New York City, April 24, 1915.

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

Dear Sir—By reason of the change of the lines of Varick Street and Seventh Avenue, it has been found necessary to relocate 23 high pressure fire hydrants. These new street lines were established on account of the subway construction. The Degnon Contracting Company, which has just completed a contract with this department for the extension of the high pressure fire service system north of 23rd Street, has agreed to reset these hydrants at a cost of \$100 each. This is a reasonable price when you consider that several years ago 27 similar hydrants were relocated along 5th Avenue at an average cost of \$135 each. The department deems it advisable to have the work performed by a contractor familiar with this class of construction.

I, therefore, respectfully request authority from the Board of Aldermen to enter into an agreement with the Degnon Contracting Company for the expenditure of \$2,300 for the relocation of these hydrants, this work to be done on an open market order and without the formality of advertising for competitive bids.

Respectfully,

WILLIAM WILLIAMS, Commissioner.

Which was referred to the Committee on Public Letting.

The Vice-Chairman laid before the Board the following communication from the Trustees of the College of The City of New York:

No. 1686.

Trustees of the College of The City of New York—Request for Special Revenue Bonds, \$3,000, for the Purpose of Defraying the Expenses Incidental to the Dedication of the Lewisohn Stadium.

Lee Kohns, 46 Warren Street, New York City, April 23, 1915.

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

Dear Sir—At a meeting of the Trustees of the College of The City of New York held last Tuesday evening, the 20th inst., the following resolution was adopted:

"Resolved, That the Trustees of the College of The City of New York ask the Board of Aldermen to request the Board of Estimate and Apportionment to authorize the Comptroller to issue Special Revenue Bonds in the sum of Three thousand dollars (\$3,000), for the sole purpose of defraying the expenses incidental to the dedication of the stadium of the College of The City of New York, presented by Mr. Adolph Lewisohn, to be held on May 29, 1915; provided, however, that no part of the proceeds of said Special Revenue Bonds shall be applied to the production of a play at the stadium at that or any other time."

Very respectfully yours,

LEE KOHNS, Chairman of Finance Committee, Board of Trustees of the College of The City of New York.

Which was referred to the Committee on Finance.

The Vice-Chairman laid before the Board the following communication from the Department of Parks, Borough of Brooklyn:

No. 1687.

Commissioner of Parks, Borough of Brooklyn—Communication in Regard to Naming of Park Property in Brooklyn Since Consolidation.

Department of Parks, Litchfield Mansion, Prospect Park, Borough of Brooklyn, April 22, 1915.

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

Dear Sir—Some weeks ago I was requested to send information to the Board of Aldermen in regard to the naming of any park property in Brooklyn since consolidation of the Greater City. Herewith I am inclosing all the data we have. It has taken some time to collect some of this information and on that account I trust the delay will be pardoned. Very truly yours,

RAYMOND V. INGERSOLL, Commissioner.

Engineering Bureau, Department of Parks, Borough of Brooklyn, April 16, 1915.

In Re Resolution of Board of Aldermen, February 23, 1915, as to Naming of Parks.

Park.	Year Acquired.	By Whom Named.	Remarks.
Ft. Hamilton .....	1898	Not known .....	Improvement started 1898.
McLaughlin .....	1904	Bd. of Aldermen ..	Name changed from Maxwell Park, May 16, 1905.
Fulton .....	1904	Not known.	
McKinley .....	1903	Not known.	
McCarren .....	1903	Bd. of Aldermen ..	Williamsburg Park; name changed to Greenpoint Park by Board of Aldermen May 8, 1906; name changed to McCarren Park by Board of Aldermen December 10, 1909.
Amersfort .....	1905	Not known.	
Wmsburg B'dge .....	1902	Not known .....	Transferred from Bridge Department.
Cooper Gore .....	1896	Not known.	
Bushwick Play-ground .....	1907	Not known.	



Park.	Year Acquired.	By Whom Named.	Remarks.
Red Hook Play-ground .....	1906	Not known.	
Vanderveer.....	1896	Park Com'r Wood-ruff.	
Seaside .....	1902	Park Commissioner Young .....	July 31, 1902.
Seaside (former-ly Dreamland) 1912		Board of Estimate & Apportionment	

Which was referred to the Committee on Public Thoroughfares.  
The Vice-Chairman laid before the Board the following communication from the Department of Health:

No. 1688.

**Department of Health—Resolution Requesting Issue of Special Revenue Bonds, \$93.90, to Reconcile Wages Paid Electrician with Prevailing Rate of Wages.**

City of New York, Department of Health, Office of the Secretary, April 23, 1915.

Hon. P. J. SCULLY, City Clerk, City Hall, N. Y.:

Sir—I am forwarding a copy of a resolution adopted by the Board of Health March 30, 1915, requesting an issue of Special Revenue Bonds, under the provisions of subdivision 8 of Section 188 of the Greater New York Charter, in the sum of \$93.90, to be used during the year 1915 for the purpose of reconciling the wages paid to an electrician in the employ of the Department of Health and the prevailing rate of wages for such position as established by the Board of Aldermen June 2, 1914, and approved by his Honor, the Mayor, June 6, 1914.

This electrician has been receiving wages at the rate of \$4.50 per diem for a number of years and the prevailing rate was fixed by the Board of Aldermen on the date mentioned at \$4.80 per diem.

Very truly yours,  
EUGENE W. SCHEFFER, Secretary.  
City of New York, Department of Health, Office of the Secretary, April 23, 1915.

Hon. P. J. SCULLY, City Clerk, City Hall, N. Y.:

Sir—At a meeting of the Board of Health of the Department of Health, held March 30, 1915, the following resolution was adopted:

Resolved, That, pursuant to the provisions of subdivision 8 of Section 188 of the Greater New York Charter the Board of Aldermen be and hereby is petitioned to request the Board of Estimate and Apportionment to authorize the Comptroller to issue special revenue bonds in the sum of \$93.90, the proceeds whereof to be used during the year 1915 in reconciling the wages paid to one electrician in the employ of the Department of Health, with the prevailing rate of wages as established by the said Board of Aldermen in a certain resolution adopted June 2, 1914, and approved by the Mayor, June 6, 1914, viz: \$4.80 per diem.

A True Copy.  
EUGENE W. SCHEFFER, Secretary.  
Which was referred to the Committee on Finance.  
The Vice-Chairman laid before the Board the following communications from the Board of Estimate and Apportionment:

No. 1689.

**Board of Estimate and Apportionment—Certified Copy of Resolution Authorizing Issue of \$6,075 Corporate Stock, for Reconstruction and Extension of Pier at Foot of Fordham Street, City Island, Bronx, Under Jurisdiction of Department of Correction.**

City of New York, Board of Estimate and Apportionment, Office of the Secretary, Municipal Building, April 26, 1915.

To the Honorable the Board of Aldermen:

Gentlemen—I transmit herewith certified copy of resolution adopted by the Board of Estimate and Apportionment April 23, 1915, relative to the issue of corporate stock, as follows:

Cal. No. 104B. Authorizing the issue of \$6,075 corporate stock to provide means for the reconstruction and extension of the pier at the foot of Fordham street, City Island, Borough of The Bronx, under the jurisdiction of the Department of Correction.

I also enclose herewith copy of report of the Committee on Corporate Stock Budget relative thereto.

Respectfully,  
JAMES MATTHEWS, Assistant Secretary.

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 47 of the Greater New York Charter, as amended, hereby approves of the issue of corporate stock of the City of New York to an amount not exceeding six thousand and seventy-five dollars (\$6,075), to provide means for the reconstruction and extension of the pier at the foot of Fordham street, City Island, Borough of The Bronx, under the jurisdiction of the Department of Correction, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of the City of New York in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid.

A true copy of resolution adopted by the Board of Estimate and Apportionment, April 23, 1915.  
JAMES MATTHEWS, Assistant Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Contract Supervision, March 25, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—The Commissioner of Correction, in a communication dated March 15, 1915, states that on January 5, 1915, the Department made application for corporate stock in the amount of \$16,100 for repairs to docks and piers at Fordham street, City Island, and at Harts Island, and requests:

"that the sum of \$6,522 be immediately released for use by this department to make the urgent repairs at these piers."

The Commissioner encloses an itemized estimate of cost prepared by the Department of Docks and Ferries and states it is the intention to have the work prosecuted by that Department.

The piers in question are used almost exclusively by the Department of Correction for the landing of boats conveying passengers and supplies between the lower part of the City and Harts Island; and City Island and Harts Island.

The pier on the City Island side at the foot of Fordham street, consists of an approach about 375 feet long and 20 feet wide, with platform for landing purposes at the outer end, 80 feet long by 35 feet in width. The Department of Correction maintains a small house on the pier and an attendant to assist in the landing of boats. The Harts Island boat crosses back and forth between City Island and Harts Island each day, once every half hour, between the hours of 7 A. M. and 7 P. M. This pier was built many years ago by the town authorities of City Island.

This pier has been examined by the Bureau of Contract Supervision and is reported to be in an unsafe condition. The outer 300 feet should be entirely reconstructed. Some of the piles which supported this structure are missing and many of them have rotted almost completely off; the upper timbers of the pier and deck sheathing are also in bad condition.

The estimate of cost submitted by the Department of Docks and Ferries with reference to this pier includes the construction of an extension on the outer end of the pier, fifteen feet in width. The construction of the extension will obviate the necessity for dredging at the end of the pier where the water now is quite shallow, and will also furnish increased space on the platform for landing purposes.

The extensive repairs necessary to the pier and construction of the extension represents a practical reconstruction of the pier and therefore may properly be considered a corporate stock charge.

Of the amount requested (\$6,522) six thousand and seventy-five dollars (\$6,075) is for repairs to the City Island pier and four hundred and forty-seven dollars (\$477) is for repairs to the pier on Harts Island.

In a communication addressed to Mr. Burdette G. Lewis, Deputy Commissioner of the Department of Correction, dated February 26, 1915, the Secretary of the Department of Docks and Ferries states as follows:

"As to the Bulkhead at Harts Island ordinary repairs only are required in order to fit the premises for your purposes. These repairs are estimated at \$447."

Ordinary repairs are not properly chargeable to corporate stock and should be paid from tax levy funds or special revenue bonds.

It is recommended that the request, as to the \$447 for repairs to pier at Harts Island, be denied and the Commissioner of Correction directed to repair this pier out of tax levy funds.

We recommend the adoption of the attached resolution granting the request to the extent of \$6,075 in corporate stock for reconstructing and extending the pier at the foot of Fordham street, City Island. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen; LEWIS H. POUNDS, President, Borough of Brooklyn; DOUGLAS MATHEWSON, President, Borough of The Bronx; Corporate Stock Budget Committee.

Which was referred to the Committee on Finance.

No. 1690.

**Board of Estimate and Apportionment—Certified Copy of Resolution Relative to Establishment of Grade of Position of Automobile Machinist, Department of Parks, Brooklyn.**

City of New York, Board of Estimate and Apportionment, Office of the Secretary, Municipal Building, April 26, 1915.

To the Honorable the Board of Aldermen:

Gentlemen—I transmit herewith certified copies of four resolutions adopted by the Board of Estimate and Apportionment April 23, 1915, relative to the establishment of various grades of positions, as follows:

	Department and Position.	Rates of Compensation.	In- cumbents.
Cal. No. 17.	Parks, Borough of Brooklyn—Auto- mobile Machinist .....	\$4 50 per diem	1
Cal. No. 24.	Public Charities—Secretary .....	1,800 00 per annum	1
Cal. No. 26B.	Public Charities— Medical Interne .....	420 00 per annum	Unlimited
	Medical Interne .....	540 00 per annum	Unlimited
Cal. No. 36A.	Licenses—Clerk .....	1,080 00 per annum	

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

JAMES MATTHEWS, Assistant Secretary.

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Parks, Borough of Brooklyn, of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Diem.	Number of Incumbents.
Automobile Machinist .....	\$4 50	One (1)

A true copy of resolution adopted by the Board of Estimate and Apportionment April 23, 1915.  
JAMES MATTHEWS, Assistant Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, April 13, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On March 30, 1915, the Commissioner of Parks, Borough of Brooklyn, requested establishment in his department, pursuant to the provisions of Section 56 of the Greater New York Charter, of the position of Automobile Machinist, at \$4.50 per day. The request was referred to the Committee on Salaries and Grades on April 2, 1915. The Bureau of Standards reports thereon as follows:

"The request is made for the purpose of assigning to the garage of the Brooklyn Park Department of a competent man to take charge of the repairs to the department automobiles and motor, hand and horse drawn grass cutters. There are 210 vehicles to be taken care of. The work to be performed will require the incumbent to have a thorough knowledge of the construction of motor vehicles, be able to ascertain motor troubles and take care of all repairs, etc. There is no Machinist employed in the department.

"No increase in appropriation is involved, as the necessary funds will be provided by a modification of the wage schedule of the department."

In view of the foregoing, we are of the opinion that the request is reasonable, and recommend the adoption of the attached resolution providing for the establishment of the position of Automobile Machinist, at \$4.50 per day, for one (1) incumbent, in the Department of Parks, Brooklyn.

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

No. 1691.

**Board of Estimate and Apportionment—Certified Copy of Resolution Relative to Establishment of Grade of Position of Secretary, Department of Public Charities.**

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Public Charities, of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Secretary.....	\$1,800 00	One

A true copy of resolution adopted by the Board of Estimate and Apportionment, April 23, 1915.  
JAMES MATTHEWS, Assistant Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, April 10, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On March 4th, 1915, the Department of Public Charities, in accordance with Budget provisions, requested permission to fill the position of Secretary to the First Deputy Commissioner at \$2,100 per annum.

The Bureau of Standards, under date of April 5, 1915, reported thereon as follows:

"The position of Secretary to the First Deputy Commissioner at \$2,100 per annum in the Department of Public Charities is vacant and the Commissioner desires to appoint Mr. Walter F. Clowes to the position pending the promulgation of an eligible list by the Municipal Civil Service Commission. The duties of the position fall in the first grade of the Private Secretary Group of the proposed specifications with a minimum salary of \$1,800 and a maximum of \$2,160 per annum. The request therefore contemplates an appointment at a salary in excess of the minimum of the proposed specifications. The position of Private Secretary at \$1,800 has not been established in this department."

In view of the above facts we recommend the adoption of the attached resolution recommending the establishment of the position of Secretary at \$1,800.

Respectfully,

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

No. 1692.

**Board of Estimate and Apportionment—Certified Copy of Resolution Relative to Establishment of Grades of Positions of Medical Internes, at \$540 and \$420 Per Annum, Department of Public Charities.**

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Public Charities of the grades of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Medical Interne .....	\$420 00	Unlimited
Medical Interne .....	540 00	Unlimited

A true copy of resolution adopted by the Board of Estimate and Apportionment April 23, 1915.  
JAMES MATTHEWS, Assistant Secretary.



City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, April 10, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On March 24 and April 1, 1915, the Department of Public Charities in accordance with budget provisions requested permission to fill certain vacancies. The Bureau of Standards, under date of April 6, 1915, reports thereon as follows:

"The requests are for the approval of the filling of vacancies in Code 1929 as follows:

"Four Internes (Resident) at \$480, by the appointment of Maurice Levy, John J. Ledberg and 2 other persons not yet selected.

"Two Internes (Resident) at \$540, by the promotion of Stanley L. Wang and Maurice Levy from the same position at \$480.

"The changes are in Sea View Hospital, an institution for the treatment of tuberculosis cases, and the persons named have been or are employed at the rates requested.

"The proposed standard title for these positions is Medical Interne, the minimum rate for service in tuberculosis institutions is \$420 and the maximum \$540 per annum. There is no grade of either Interne (Resident) or Medical Interne at \$420 established in this Department.

"There is now under consideration by this Bureau a request of the Department of Public Charities of March 11, 1915, for the modification of Code 1929 reducing the number of Internes (Resident) at \$480 from 4 to 3, and the number at \$540 from 5 to 4, and adding 3 Resident Physicians at \$1,200, the Department stating they have difficulty in obtaining competent physicians at \$480 and \$540 per annum."

In view of the above facts, and in order that the service at this institution may not be impaired, pending the establishment of the grade of Medical Interne at \$420 and of action by this Board on the request of March 11, 1915, we recommend authorizing the employment of the 4 new incumbents for the position of Interne (Resident) at \$480 and the 2 new incumbents for the same position at \$540 and the waiving of the minimum clause by the adoption of the attached resolution. We also submit for adoption the accompanying resolution recommending the establishment of the position of Medical Interne at \$420 and \$540 for tuberculosis hospitals in this Department.

Respectfully,

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

No. 1693.

Board of Estimate and Apportionment—Certified Copy of Resolution Relative to Establishment of Grade of Position of Clerk, Department of Licenses.

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Licenses of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Clerk .....	\$1,080 00

A true copy of resolution adopted by the Board of Estimate and Apportionment April 23, 1915. JAMES MATTHEWS, Assistant Secretary.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, March 13, 1915.

To the Board of Estimate and Apportionment:

Gentlemen—On March 1, 1915, the Commissioner of Licenses requested authority under the terms and conditions of the 1915 budget, to fill a vacant position of Clerk at the present salary of \$1,200. The Bureau of Standards reports thereon, under date of March 10, as follows:

"It is proposed to fill the position, if allowed, at \$1,200, by the appointment from a civil service list of Mrs. Caroline L. Backer, who is now employed as a Clerk at \$1,050 in the Department of Finance.

"This is one of three positions of Clerk at \$1,200 allowed for the Public Employment Bureau when the Bureau of Licenses and the office of the Commissioner of Licenses were consolidated. At that time the Bureau did not exist and the provision made for employees was based purely on an estimate of its probable needs, when organized.

"When the request was made it was intended to assign the new appointee to the work of interviewing and waiting upon female applicants for employment. Since then a Clerk at \$900 has been assigned to the work, which she is performing in a thoroughly satisfactory manner. The Superintendent states that the new Clerk will be given the preparation of statistical summaries, and the general clerical work of the office. This work falls within grade 3 of the tentative specifications for Clerks, the minimum compensation for which is \$840. The Superintendent concurs in the view that the position can be satisfactorily filled at about \$900. Positions at \$840 and \$900 have not been established for the Department."

In view of the foregoing, we recommend the adoption of the attached resolution recommending the establishment of the grades of position of Clerk at \$840 and \$900 for the Department of Licenses. Respectfully,

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

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

REPORTS OF STANDING COMMITTEES.

Reports of Committee on Salaries and Offices—

No. 1600—(G. O. No. 628).

Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Various Grades in the Committee on City Plan of the Board of Estimate and Apportionment.

The Committee on Salaries and Offices, to which was referred on March 30, 1915 (Minutes, page 1718), the annexed resolution in favor of establishing various grades of positions in the office of the Board of Estimate and Apportionment, respectfully

REPORTS:

That President McAneny appeared before the Committee and explained that there was no change contemplated in the number of employees, but simply a change of titles, to comply with the regulations of the Municipal Civil Service Commission, the present titles not being in the exempt class. The intention is merely to have one incumbent in each grade, and the Committee recommends that the accompanying resolution, so worded, be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held March 26, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment, in the office of the Board of Estimate and Apportionment, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Consultant on City Planning.....	\$5,000 00
Investigator on City Planning.....	3,000 00
Expert on Vital Statistics.....	1,500 00
	Rate Per Diem.
Transit Expert .....	\$10 00

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution, with the words "for one incumbent only in each grade" inserted herein, and as so amended fixes the salary of said position as set forth therein.

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDEL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1644—(G. O. No. 629).

Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grades of Junior Draftsman in the Fire Department, \$900, \$1,020 and \$1,140 Per Annum.

The Committee on Salaries and Offices, to which was referred on April 13, 1915 (Minutes, page 89), the annexed resolution in favor of establishing grade of position of Junior Draftsman in the Fire Department, respectfully

REPORTS:

That this position is to replace one entitled Architectural Draftsman, the work being more general in character than is covered by the existing title. As but one incumbent is desired by the department the Committee recommends the adoption of the accompanying resolution.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 9, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Fire Department of the grades of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Junior Draftsman.....	\$900, \$1,020 and \$1,140

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution, with the words "for one incumbent only in each grade," inserted therein, and, as so amended, fixes the salaries of said positions as set forth therein.

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDEL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1645—(G. O. No. 630).

Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Stenographer and Typewriter, Police Department, at \$1,560 Per Annum.

The Committee on Salaries and Offices, to which was referred on April 13, 1915 (Minutes, page 89), the annexed resolution establishing the grade of position of Stenographer and Typewriter in the Police Department, respectfully

REPORTS:

That this is an increase in salary of \$360 per annum for an employee who has been in the service since 1909.

The Committee believes the increase to be warranted, but as the grade is intended for but one incumbent, recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 9, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Police Department of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Stenographer and Typewriter.....	\$1,560 00

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution with the words "for one incumbent only" inserted therein, and as so amended fixes the salary of said position as set forth therein.

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1646—(G. O. No. 631).

Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Secretary to Fourth Deputy Police Commissioner, at \$1,800 Per Annum.

The Committee on Salaries and Offices, to which was referred on April 13, 1915 (Minutes, page 90), the annexed resolution establishing the grade of position of Secretary to the Fourth Deputy Police Commissioner at \$1,800 per annum, respectfully

REPORTS:

That this is a new position. The Commissioner stated that the largely increased volume of work assigned to the Fourth Deputy made it necessary for him to have this assistant. The Committee believes that the Deputy Commissioner should be allowed this Secretary, and, therefore, recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 9, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Police Department of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Secretary to Fourth Deputy Police Commissioner.....	\$1,800 00	1

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

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1647—(G. O. No. 632).

Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Typewriting Copyist in the Office of Commissioner of Accounts, at \$720 Per Annum.

The Committee on Salaries and Offices, to which was referred on April 13, 1915 (Minutes, page 91), the annexed resolution establishing the grade of position of Typewriting Copyist in the office of the Commissioner of Accounts, respectfully

REPORTS:

That this resolution is presented for the purpose of creating a permanent grade to do away with the practice of employing temporary Typewriting Copyists. This is a new grade in this office, being \$120 per annum lower than one now in existence.

The Committee recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 9, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the office of the Commissioners of Accounts, of the grade of position, in addition to those heretofore established, as follows:

Title of Position.	Rate Per Annum.
Typewriting Copyist .....	\$720 00

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

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1648—(G. O. No. 633).

Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Various Grades of Positions in the Department of Correction.

The Committee on Salaries and Offices, to which was referred on April 13, 1915 (Minutes, page 92), a resolution to establish various grades of positions in the Department of Correction, respectfully

REPORTS:

That this is the first effort to establish grades to regulate the employment of the large number of very low paid helpers in the various institutions, and seems to have been calculated on a basis dictated by past experience in the employment of persons in these grades on a temporary rating. The number of incumbents is constantly shifting by reason of a number of causes easy to estimate in connection with such



poorly paid positions, and it is impossible to tell just how many such assistants may be needed or may be obtained at any one time.

The Committee recommends the adoption of the accompanying resolution.

Whereas, the Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 9, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Correction of the grades of positions in addition to those heretofore established, as follows:

Title.	Rate of Compensation Per Annum.				
Prison Helper (male), with maintenance.....	\$240	\$270	\$300	\$330	\$360
Prison Helper (female), with maintenance.....	180	210	240	270	300
Senior Prison Helper (male), with maintenance.	390	420	450	480	
Senior Prison Helper (female), with maintenance.	330	360	390	420	
Prison Helper (male), without maintenance....	480	510	540	570	600
Prison Helper (female), without maintenance....	420	450	480	510	540
Senior Prison Helper (male), without maintenance .....	630	660	690	720	
Senior Prison Helper (female), without maintenance .....	570	600	630	660	
Prison Artisan, with maintenance.....	240	270	300	330	360
Senior Prison Artisan, with maintenance.....	390	420	450	480	510
Prison Artisan, without maintenance.....	480	510	540	570	600
Senior Prison Artisan, without maintenance....	630	660	690	720	750

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

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1667—(G. O. No. 634).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grades of Statistician and Architectural Draftsman in the Police Department, for One Incumbent Each.**

The Committee on Salaries and Offices, to which was referred on April 20, 1915 (Minutes, page 168), the annexed resolution establishing grades of position of Statistician at \$1,500 per annum and Architectural Draftsman at \$1,200 per annum in the Police Department, respectfully

REPORTS:

That the Department has a grade of Statistician at \$1,800 but as it can obtain the services of a man at \$1,500 it has asked for the lower grade. A Draftsman is needed to prepare plans for alterations on buildings occupied by the Department and \$1,200 is considered a fair salary for this work.

But one incumbent in each grade was requested by the department, and the Committee, therefore, recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 16, 1915.

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Police Department of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Statistician .....	\$1,500 00
Architectural Draftsman .....	1,200 00

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution with the words "for one incumbent only in each grade" inserted therein, and, as so amended, fixes the salary of said position as set forth therein.

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1668—(G. O. No. 635).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Assistant Electrical Engineer in the Fire Department, at \$1,800 Per Annum, for One Incumbent.**

The Committee on Salaries and Offices, to which was referred on April 20, 1915 (Minutes, page 169), the annexed resolution establishing the grade of Assistant Electrical Engineer in the Fire Department at \$1,800 per annum, respectfully

REPORTS:

That Secretary Fay appeared before the Committee and explained that this was merely a change of title in order to more clearly define the duties performed by the present incumbent, and does not include any change in salary.

The Committee recommends that the accompanying resolution be adopted.

Whereas, the Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 16, 1915.

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Fire Department of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Assistant Electrical Engineer .....	\$1,800 00	One (1)

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

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1670—(G. O. No. 636).

**Report of the Committee on Salaries and Offices in Favor of Adopting Resolution to Establish Grade of Deputy Tax Commissioner, at \$1,200 Per Annum, for Two Incumbents.**

The Committee on Salaries and Offices, to which was referred on April 20, 1915 (Minutes, page 171), the annexed resolution to establish the grade of Deputy Tax Commissioner at \$1,200 per annum, respectfully

REPORTS:

That this resolution is submitted at the request of the Tax Department for the purpose of providing for the retention in office at a commensurate salary of two men who have been actively employed for a number of years in the service, but who have now reached such an age that they are prevented from doing the class of work formerly assigned them but are still capable for duties of a more clerical nature in the office, to which it is proposed to assign them.

The Committee recommends that the accompanying resolution for two incumbents be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 16, 1915:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Taxes and Assessments of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Deputy Tax Commissioner .....	\$1,200 00

Resolved, That the Board of Aldermen hereby approves of and concurs in the above resolution, with the words "for two incumbents only" inserted therein, and as so amended fixes the salary of said position as set forth therein.

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. Mc-

NALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1671—(G. O. No. 637).

**Report of the Committee on Salaries and Offices in Favor of Filing Resolution to Fix Compensation of Certain Janitors, Department of Education.**

The Committee on Salaries and Offices, to which was referred on April 20, 1915, (Minutes, page 171), the annexed resolution fixing the compensation of certain Janitors in the Department of Education, respectfully

REPORTS:

That it is informed that these rates have been figured on the usual measurement basis, and the Committee therefore recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held April 16, 1915.

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

Whereas, The Special Committee on Janitorial Compensation and the Committee on School Inquiry, Board of Estimate and Apportionment, submitted a joint report on March 27, 1913, which contained detailed suggestions and recommendations for the reorganization of the Janitorial force of the Board of Education; therefore, be it

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen, pending action by the Board of Education on the aforesaid report, the compensation of Janitors in the Department of Education be fixed temporarily and until further modified, in accordance with the following list:

Janitor, Public School 26, The Bronx, for care of three portable buildings, per annum .....	\$360 00
Janitor, Public School 69, Brooklyn, per annum, less \$221.....	1,788 00
Janitor, Public School 97, Annex, Brooklyn, per annum.....	480 00
Janitor, Public School 16, Queens, per annum.....	3,156 00
Janitor, Public School 95, Queens, per annum.....	2,760 00

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

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which was laid over.

No. 1679.

**Report of the Committee on Salaries and Offices in Favor of Filing Resolution to Grant Leaves of Absence to Spanish-American War Veterans to Attend Encampments.**

The Committee on Salaries and Offices, to which was referred on April 20, 1915 (Minutes, page 245), the annexed resolution to grant leaves of absence to Spanish-American War Veterans in employ of the city to attend encampments, respectfully

REPORTS:

That inasmuch as his Honor, the Mayor, vetoed a similar resolution on April 20, 1915 (see Minutes of said date, page 159), the Committee can see no other course to pursue than to recommend that this proposed resolution be placed on file.

Whereas, A number of employees of the City of New York are members of the United Spanish War Veterans, an organization devoted to the support of the Government and to the furtherance of patriotic principles; and

Whereas, It is customary for the members of said organization to participate in the Memorial Day Parade and incidental patriotic observances; and

Whereas, The twelfth annual encampment of the Department of New York will be held at Utica, New York, on July 5th, 6th, 7th, 8th and 9th, 1915; and

Whereas, The twelfth annual national encampment will be held at Scranton, Pennsylvania, on August 29th, 30th, 31st, September 1st and 2nd, 1915; therefore be it

Resolved, That the heads of all Departments and Bureaus of the City of New York be directed to grant leave of absence, with pay, on May 31st, 1915, to all City employees who are members of said organization, in order to enable them to participate in the said observances of Memorial Day, and a like leave of absence on July 5th, 6th, 7th, 8th and 9th, 1915, in order to enable them to attend the said Twelfth Annual Department Encampment, and a like leave of absence on August 29th, 30th, 31st, September 1st and 2nd, 1915, in order to enable them to attend said Twelfth Annual National Encampment, provided, however, that satisfactory proof of such attendance at Encampments shall be furnished to the head of department or bureau, as the case may be, and if required; and be it further

Resolved, That his Honor John Purroy Mitchel, Mayor, be and hereby is respectfully requested to approve of this resolution.

W. W. COLNE, OSCAR IGSTAEDTER, JACOB WEIL, ANTHONY J. McNALLY, MICHAEL CARBERRY, D. M. BEDELL, CHARLES DELANEY, Committee on Salaries and Offices.

Which report was accepted.

At this point the President entered the Chamber and took the Chair.

SPECIAL ORDERS.

No. 182—Int. No. 1519.

**Report of the Committee on Finance, in Favor of Adopting Resolution for \$2,100 Special Revenue Bonds for Repairs and Improvements to Greenhouses in Forest Park, Borough of Queens.**

The Committee on Finance, to which was referred on March 9, 1915 (Minutes, page 1286), the annexed communication from the Commissioner of Parks, Borough of Queens, asking for \$2,100 special revenue bonds for repairs and improvements to greenhouses in Forest Park, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvements to be necessary. The details of this expenditure are shown in the supplemental letter hereto attached. The Commissioner urges the approval of this request on the ground that the return to the City will be manifested at an early date. The Committee recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of Subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two thousand one hundred dollars (\$2,100), the proceeds whereof to be used by the Commissioner of Parks, Borough of Queens, for the purpose of repairing and improving the greenhouses in Forest Park. All obligations incurred hereunder to be contracted for on or before December 31, 1915.

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

The City of New York, Department of Parks, Borough of Queens, The Overlook, Forest Park, Richmond Hill, L. I., March 16th, 1915.

Hon. HENRY CURRAN, Chairman, Finance Committee, Board of Aldermen, City Hall, New York City:

Sirs—In connection with the request of this Department for an issue of special revenue bonds in the amount of \$2,100, which is now in the hands of your committee, I beg to submit the following statement as to how this money is to be spent:

Extension and repairs to connecting house .....	\$376 00
Roof and ventilation attachment for pit built by Department labor.....	503 00
Additional heater and new piping for the big show house.....	605 00
Heating for connecting house and pit.....	443 00
Gratings and other general repairs .....	173 00
	\$2,100 00

I beg to say that these estimates are based upon figures supplied by Lord & Burnham, the most reliable greenhouse concern I know of.

I sincerely hope that your Committee will find it possible to grant this request.

Thanking you for your kindly consideration in the past, I am, very sincerely yours,

JOHN E. WEIER, Commissioner.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bedell, Benninger, Boschen, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Curran, Delaney, Diemer, Dixon, Don-



nely, Dostal, Dowling, Duggan, Dujat, Eichhorn, Eagan, Ferguson, Ferrand, Fink, Gaynor, Hannon, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stevenson, Taylor, Trau, Valentine, Weil, Wilmot; President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; the Vice-Chairman, the President—67. No. 183—Int. No. 1613.

**Report of the Committee on Finance, in Favor of Adopting Resolution for \$3,100 Special Revenue Bonds for Reconstruction of Taylor Street Sewer Outlet, Borough of Richmond.**

The Committee on Finance, to which was referred on April 6, 1915 (Minutes, page 5), the annexed request of the President of the Borough of Richmond for \$3,100 Special Revenue Bonds for reconstruction of the Taylor Street outlet sewer, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed reconstruction to be necessary. The details are set forth in the letter of request and accompanying estimate.

It therefore recommends that the accompanying resolution be adopted.

Resolved, That in pursuance of the provisions of subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue Special Revenue Bonds to the amount of three thousand one hundred dollars (\$3,100) the proceeds whereof to be used by the President of the Borough of Richmond for the purpose of reconstructing sewer outlet at Taylor street, Borough of Richmond.

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

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

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, March 31, 1915.

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

Dear Sir—We desire to present a request to the Board of Aldermen for an issue of special revenue bonds to the amount of \$3,100, for the reconstruction of the Taylor Street sewer outlet, which has been damaged so that it is now useless, and a serious insanitary condition exists. The cause of the damage is due to the filling in of its property by the Staten Island Rapid Transit Railway Company, the mud wave formed by the fill having torn the sewer from its pile foundations. This Department made a demand upon the railroad company to repair the damage, which it has refused to comply with. The matter was placed in the hands of the Corporation Counsel and he has advised us that the sewer easement in which the sewer is built is a legal one and that we have a right to maintain this sewer in it. The railroad company disputes this right. The Corporation Counsel has also advised us that we should repair this sewer at once and collect the cost from the Railroad Company.

A detailed statement of the expense of reconstructing this sewer is attached. Yours very truly, LOUIS NIXON, Acting President of the Borough.

**Report on Reconstruction of Taylor Street Outlet Sewer.**

The sewer has been pushed out of place, both vertically and laterally, between stations 1+57.50 and 4+57.50, which requires reconstructing of 336 feet of sewer. Between stations 2+56 and 4+00 the sewer has been pushed down below its original grade to the extent of several feet and below low water level, and it is estimated that the work of recovering the old pipe within the section would cost more than furnishing new pipe. This section of 144 feet in length has, therefore, been considered in the estimate to require new pipe.

**Engineer's Estimate of Cost.**

144 lin. ft. of 20-inch cast-iron pipe sewer, furnished and placed on pile foundation, complete, \$10.40.....	\$1,497 60
192 lin. ft. of 20-inch cast-iron pipe sewer, to be taken up and relaid on pile foundation, complete, \$6.40.....	1,228 80
	<hr/>
	\$2,726 40

Engineering and inspection.....	373 60
	<hr/>
Total .....	\$3,100 00

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 Bedell, Benninger, Boschen, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Curran, Delaney, Diemer, Dixon, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Eagan, Ferguson, Ferrand, Fink, Gaynor, Hannon, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stevenson, Taylor, Trau, Valentine, Weil, Wilmot; President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; the Vice-Chairman, the President—67. No. 184—Int. No. 1614.

**Report of the Committee on Finance, in Favor of Adopting Resolution for \$7,000 Special Revenue Bonds for Use by the Supervisor of the City Record in Supplying Blank Books for the Offices of the County of Queens.**

The Committee on Finance, to which was referred on April 6, 1905 (Minutes, page 6), the annexed request of the Supervisor of the City Record for \$7,000 Special Revenue Bonds to meet the expense of supplying blank books for the offices of the County of Queens, respectfully

**REPORTS:**

That this amount is particularly needed to furnish equipment to the County Clerk of Queens to carry out the provisions of chapter 434 of the Laws of 1914. Requisition was not made for these books until March 24, 1915, hence no provision was made in the Budget. The estimate of cost appears to be very accurate, and the Committee recommends that the accompanying resolution be adopted.

Resolved, That in pursuance of the provisions of Subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue Special Revenue Bonds to the amount of seven thousand dollars (\$7,000), the proceeds whereof to be used by the Supervisor of the City Record for the purpose of supplying blank books for the offices of the County of Queens.

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

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

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 Bedell, Benninger, Boschen, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Curran, Delaney, Diemer, Dixon, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Eagan, Ferguson, Ferrand, Fink, Gaynor, Hannon, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stevenson, Taylor, Trau, Valentine, Weil, Wilmot; President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; the Vice-Chairman, the President—67. No. 185—Int. No. 1636.

**Report of the Committee on Finance, in Favor of Adopting Resolution for \$47,000 Special Revenue Bonds for Repairs and Alterations to West Wing of City Hall.**

The Committee on Finance, to which was referred on April 13, 1915 (Minutes, page 81), the annexed request of the President of the Borough of Manhattan for \$47,000 Special Revenue Bonds for the purpose of making alterations to the West Wing of the City Hall, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed improvement to be necessary, and that the amount asked for is reasonable, in view of the time allotted for the work. A detailed estimate is hereto attached.

It, therefore, recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of Subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue Special Revenue Bonds to the amount of forty-seven thousand dollars (\$47,000), the proceeds whereof to be used by the President of the Borough of Manhattan for the purpose of making repairs and alterations to the West Wing of the City Hall. All obligations contracted for hereunder to be incurred on or before December 31, 1915.

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

(Copy.)

New York, April 3rd, 1915.

Concerning New York City Hall—Memorandum of Comparison of Bids on the City Hall Submitted by C. T. Wills, Inc.

	East End.	West End.
Metal Door Bucks.....		\$66 00
St. Iron and Steel.....	\$175 00	800 00
Brickwork .....	940 00	3,840 00
Plastering .....	2,920 00	3,010 00
Plumbing and Gas.....	1,306 00	1,060 00
Heating .....	1,100 00	940 00
Electric .....	770 00	937 00
Rough and Finish Carpentry.....	3,707 00	6,340 00
Special Trim .....	2,640 00	4,070 00
Glazing .....	174 00	350 00
Painting .....	1,535 00	1,152 00
Marble .....	975 00	535 00
Tile Work.....	80 00	
Miscellaneous .....	450 00	1,900 00
Cash Allowances.....	12,600 00	9,050 00
Profit .....	1,828 00	2,500 00
	<hr/>	
	\$31,200 00	\$36,550 00
Architect's Fees .....	3,120 00	3,655 00
	<hr/>	
	\$34,320 00	\$40,205 00
Fund for Overtime, Clerk of Works, etc.....		7,295 00
		<hr/>
		\$47,500 00

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 Bedell, Benninger, Boschen, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Curran, Delaney, Diemer, Dixon, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Eagan, Ferguson, Ferrand, Fink, Gaynor, Hannon, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stevenson, Taylor, Trau, Valentine, Weil, Wilmot; President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; the Vice-Chairman, the President—67. No. 186—Int. No. 1652.

**Report of the Committee on Finance, in Favor of Adopting Resolution for \$500 Special Revenue Bonds for Use of City Clerk.**

The Committee on Finance, to which was referred on April 13, 1915 (Minutes, page 147), the annexed resolution in favor of an issue of \$500 Special Revenue Bonds for City Clerk, respectfully:

**REPORTS:**

That, having examined the subject, it believes the proposed issue to be necessary to replenish account for office supplies, which was drawn upon for furnishings of new office.

It, therefore, recommends that the said resolution be adopted.

Resolved, That, in pursuance of the provisions of Subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of five hundred dollars (\$500), the proceeds whereof to be used by the City Clerk and Clerk of the Board of Aldermen for the purpose of replenishing account known as Code No. 7, Office Supplies, 1915. All obligations incurred hereunder to be contracted for on or before December 31, 1915.

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

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 Bedell, Benninger, Boschen, Bosse, Brush, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Curran, Delaney, Diemer, Dixon, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Eagan, Ferguson, Ferrand, Fink, Gaynor, Hannon, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stevenson, Taylor, Trau, Valentine, Weil, Wilmot; President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; the Vice-Chairman, the President—67. No. 187—Int. No. 1653.

**GENERAL ORDERS.**

No. 614—Int. No. 1641.

**Report of the Committee on Finance, in Favor of Adopting Resolution to Amend an Issue of \$50,000 Corporate Stock for Construction and Equipment of an Addition to the City Hospital, Blackwells Island.**

The Committee on Finance, to which was referred on April 13, 1915 (Minutes, page 85), the annexed resolution in favor of amending an issue of \$50,000 for the construction and equipment of an addition to the City Hospital, Blackwells Island, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed amendment to be necessary to provide for certain additional work which may be paid for from this appropriation.

It, therefore, recommends that the accompanying resolution be adopted.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following amended resolution adopted by the Board of Estimate and Apportionment at a stated meeting held April 9, 1915:

Resolved, That, subject to the concurrence herewith by the Board of Aldermen, the following resolution adopted by the Board of Estimate and Apportionment on June 26, 1913, and concurred in by the Board of Aldermen on July 15, 1913:

"Resolved, That, pursuant to the provisions of Section 47 of the Greater New York Charter as amended, the Board of Estimate and Apportionment hereby approves of an issue of corporate stock of the City of New York to an amount not exceeding fifty thousand dollars (\$50,000) to provide means for the construction and equipment of an addition to the City Hospital, Blackwell's Island, to be used for operating purposes, under the jurisdiction of the Department of Public Charities, and that when authority therefor shall have been obtained from the Board of Aldermen the Comptroller be and is hereby authorized to issue said corporate stock of the City of New York in the manner provided by Section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid."

—be and the same is hereby amended to make the purposes thereof read for alterations and additions to City Hospital, Blackwells Island, including equipment, to pro-



vide an operating suite and to enclose the present elevator shafts with fireproof material.

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

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 615—Int. No. 1642.

**Report of the Committee on Finance, in Favor of Adopting Resolution to Amend an Issue of \$200,000 Corporate Stock for Fire Alarm Telegraph System, Fire Department.**

The Committee on Finance, to which was referred on April 13, 1915 (Minutes, page 86), the annexed resolution in favor of amending an ordinance for \$200,000 Corporate Stock for equipment of Central Telegraph Stations, Fire Department, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed amendment to be necessary to provide for the installation of necessary parts of the new fire alarm telegraph system, throughout the city, where an immediate need for same exists.

It therefore recommends that the accompanying resolution be adopted.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following amended resolution adopted by the Board of Estimate and Apportionment at a stated meeting held April 9, 1915:

Resolved, That, subject to the concurrence herewith by the Board of Aldermen, the following resolution adopted by the Board of Estimate and Apportionment on June 26, 1913, and concurred in by the Board of Aldermen on July 15, 1913:

"Resolved, That, pursuant to the provisions of Section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of the City of New York to an amount not exceeding two hundred thousand dollars (\$200,000) to provide means for the interior equipment of the new Central Telegraph Stations to be erected in the Boroughs of Manhattan, The Bronx and Brooklyn for the use of the Fire Department, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of the City of New York in the manner provided by Section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid."

—be amended to read as follows:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of Section 47 of the Greater New York Charter, as amended, hereby approves of the issue of corporate stock of the City of New York to an amount not exceeding two hundred thousand dollars (\$200,000) of which an amount not exceeding one hundred and fifty thousand dollars (\$150,000) is to provide means for the interior equipment of the new Central Telegraph Stations to be erected in the Boroughs of Manhattan, The Bronx and Brooklyn for the use of the Fire Department, and of which an amount not exceeding fifty thousand dollars (\$50,000) is to provide means for the immediate installation of necessary portions of the new Fire Alarm Telegraph System in all Boroughs and expenses in connection therewith, for the use of the Fire Department, and when authority therefor shall have been obtained from the Board of Aldermen the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York in the manner provided by Section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the separate purposes aforesaid.

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

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 616—Int. No. 1655.

**Report of the Committee on Finance, in Favor of Adopting Resolution to Authorize the Comptroller to Pay a Bill of \$50 for Care of Plot in Greenwood Cemetery.**

The Committee on Finance, to which was referred on April 15, 1915 (Minutes, page 153), the annexed resolution in favor of authorizing the Comptroller to pay bill of J. Ebb Weir & Co., \$50 for care of plot in Greenwood Cemetery, used for victims of Brooklyn Theatre fire, respectfully

**REPORTS:**

That the Committee is informed that an allowance which has always heretofore been made for this purpose, was this year omitted from the Budget, and as it believes that this responsibility should not be shirked by the City, it recommends that the said resolution be adopted.

Whereas, The City of Brooklyn did, on the 17th day of February, 1877, acquire title to a plot of ground in Greenwood Cemetery for the purpose of burying therein the victims of the Brooklyn Theatre fire, which occurred on December 5, 1876; and

Whereas, The said plot was planted and cared for each year since by James Weir, Jr., and Son, which firm has since been superseded by J. Ebb Weir & Company, under the authority of the Common Council of said City, at the nominal cost of fifty dollars per annum; therefore

Resolved, That the Comptroller be and he is hereby duly authorized and requested to pay to the said J. Ebb Weir & Company the sum of fifty dollars for planting and caring for the plot in Greenwood Cemetery, Borough of Brooklyn, used for the burial of the victims of the Brooklyn Theatre fire of December 5, 1876, during the year 1915.

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

In connection herewith Alderman Molen offered the following:

Department of Finance, February 25, 1915.

Hon. LEWIS H. POUNDS, President, Borough of Brooklyn:

Sir—A voucher has been filed in the Department of Finance in favor of J. Ebb Weir & Company for the sum of \$50 for care during the year 1914 of a plot in Greenwood Cemetery in which the victims of the Brooklyn Theatre fire are interred.

It appears that this expenditure has been carried down from the former City of Brooklyn and during the year 1902, a number of previous claims were adjusted by the Comptroller with the suggestion that the maintenance be placed under one of your Bureaus to the end that proper supervision might be given to the plot at all times.

It would thus appear that the propriety of the expense was approved at that time, and I have, accordingly, directed that the voucher for the year 1914 be progressed for payment.

I would suggest, however, that you again place the matter before the Board of Aldermen for its determination as to whether or not you are to continue the expenditure for the current year.

Very truly yours, (Signed.) E. D. FISHER, Deputy Comptroller.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 618—Int. No. 1656.

**Report of the Committee on Public Thoroughfares, in Favor of Adopting Resolution to Change the Number of 213 Ninth Street, in the Borough of Brooklyn, to No. 211A.**

The Committee on Public Thoroughfares, to which was referred on April 13, 1915 (Minutes, page 153), the annexed resolution in favor of changing the number of 213 Ninth Street, in the Borough of Brooklyn, to No. 211A, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed change to be advisable.

It therefore recommends that the said resolution be adopted.

Resolved, That the number of the premises known as 213 Ninth Street, in the Borough of Brooklyn, be and the same is hereby changed to No. 211A Ninth Street, and the President of the Borough is hereby authorized and requested to note the change accordingly.

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 619—Int. No. 1631.

**Report of the Committee on Public Thoroughfares in Favor of Adopting Resolution to Officially Name Old Fort Number Four Park in the Borough of The Bronx.**

The Committee on Public Thoroughfares to which was referred on April 6, 1915 (Minutes, page 78), the annexed resolution in favor of officially naming a park in the Borough of The Bronx, respectfully

**REPORTS:**

That this park is locally known by the name proposed in the resolution, but was never officially named, and it is for the purpose of remedying this omission that this resolution is presented.

The Committee recommends that the said resolution be adopted.

Resolved, That the small park located on the westerly side of Jerome Park Reservoir between Sedgwick and Reservoir Avenues, in the Borough of The Bronx, containing 6.71 acres, including site of Revolutionary Fort No. 4, be and the same is hereby named Old Fort Number Four Park.

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 620—Int. No. 1630.

**Report of the Committee on Public Thoroughfares, in Favor of Adopting Resolution to Name DeVoe Park in the Borough of The Bronx.**

The Committee on Public Thoroughfares to which was referred on April 6, 1915 (Minutes, page 78), the annexed resolution in favor of officially naming a park in the Borough of The Bronx, respectfully

**REPORTS:**

That this park at present bears the proposed name herein given it, but it was never officially entitled, hence this action.

The Committee recommends that the said resolution be adopted.

Resolved, That the small park located at the northerly side of Fordham Road between Sedgwick Avenues, in the Borough of The Bronx, containing 5.87 acres and known locally as "DeVoe Park," be and the same is hereby named DeVoe Park.

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 621—Int. No. 1629.

**Report of the Committee on Public Thoroughfares, in Favor of Adopting Resolution to Officially Name Joseph Rodman Drake Park in the Borough of The Bronx.**

The Committee on Public Thoroughfares, to which was referred on April 6, 1915 (Minutes, page 77), the annexed resolution in favor of officially naming a park in the Borough of The Bronx, respectfully

**REPORTS:**

That the name selected is the one by which this park has been locally and officially known, although never legally named.

The Committee recommends that the said resolution be adopted.

Resolved, That the small park located at the intersection of Hunts Point Avenue and Oak Point Avenue, in the Borough of The Bronx, containing 2.80 acres, and known locally as "Joseph Rodman Drake Park," be and the same is hereby named Joseph Rodman Drake Park.

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly,



Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 622—Int. No. 1623.

**Report of the Committee on Public Thoroughfares in Favor of Adopting Ordinance Prohibiting Push Cart Peddlers from Operating on 125th Street.**

The Committee on Public Thoroughfares, to which was referred on April 6, 1915 (Minutes, page 75), the annexed ordinance in favor of amending the ordinance regulating traffic by prohibiting push cart peddlers from plying their trade on 125th Street, respectfully

**REPORTS:**

That having examined the subject, it believes the proposed amendment to be warranted by the conditions on this thoroughfare. The members of the Board through whose district it runs all favor this proposed action.

It, therefore, recommends that the said ordinance be adopted.

AN ORDINANCE amending subdivision 2, section 13, article 2, chapter 24 of the Code of Ordinances of the City of New York, relating to traffic regulations.

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

That subdivision 2, section 13, article 2, chapter 24 of the Code of Ordinances of the City of New York, relating to traffic regulations, be amended by adding thereto the following:

*One Hundred and Twenty-fifth Street, between the westerly side of Third Avenue and the easterly side of Morningside Avenue.*

Note—New matter in italics.

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 617—Int. No. 1293.

**Report of the Committee on Public Thoroughfares, in Favor of Adopting Ordinance Relating to the Removal of Snow and Ice from Sidewalks and Gutters in The City of New York.**

The Committee on Public Thoroughfares, to which was referred on January 19, 1915 (Minutes, page 415), the annexed ordinance relating to the removal of snow and ice from sidewalks and gutters in The City of New York, respectfully

**REPORTS:**

That, having examined the subject, it believes the proposed change of jurisdiction from the Commissioner of Street Cleaning to the Borough President to be one which will result in better results in securing action on the part of owners of vacant or unimproved property.

It, therefore, recommends that the accompanying substitute ordinance be adopted.

**SUBSTITUTE:**

AN ORDINANCE to amend subdivision 1 of section 21 of article 3 of chapter 22 of the Code of Ordinances of The City of New York, relating to "snow and ice."

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

Section 1. Subdivision 1 of section 21 of article 3 of chapter 22 of the Code of Ordinances of The City of New York, relating to "snow and ice" is hereby amended to read as follows:

Sec. 21. Property owners. 1. *Must clear sidewalks.* Every owner, lessee, tenant, occupant, or other person having charge of any building or lot of ground in the city, abutting upon any street or public place where the sidewalk is paved, shall, within 4 hours after the snow ceases to fall, or after the deposit of any dirt or other material upon said sidewalk, remove the snow and ice, dirt or other material from the sidewalk and gutter, the time between 9 p. m. and 7 a. m. not being included in the above period of four hours; provided, however, that such removal shall in all cases be made before the removal of snow and ice from the roadway by the commissioner of street cleaning, or by the borough president of Queens or Richmond, or subject to the regulations of said commissioner of street cleaning, or of said borough president of Queens or Richmond, for the removal of snow and ice, dirt and other material; except that in the boroughs of Queens and Richmond any owner, lessee, tenant or occupant or other person who has charge of any ground abutting upon any paved street or public place, for a linear distance of 500 feet or more, shall be considered to have complied with this section, if such person shall have begun to remove the snow and ice from the sidewalk and gutter before the expiration of the said 4 hours, and shall continue and complete such removal within a reasonable time.

*Whenever any owner, lessee, tenant, occupant or other person having charge of any building or lot of ground abutting upon any street or public place where the sidewalk is paved shall fail to comply with the provision of any ordinance of the City for the removal of snow and ice, dirt, or other material from the sidewalk and gutter in the street, on the side of the street on which such building or lot abuts, the President of the Borough in which such building or vacant lot is located may cause such removal to be made, meeting the expense thereof from any suitable street cleaning or highway fund, and thereafter the expense of such removal as to each particular lot of ground shall be ascertained and certified by the said Borough President to the Comptroller, and the Board of Estimate and Apportionment may authorize such additional expenditures as may be required for the said removal of such ice and snow, dirt, or other material, to be repaid to the fund from which the payments were made, with proceeds from the issue and sale of revenue bonds which shall be sold by the Comptroller, as provided by law.*

*The said Borough President shall, as soon as possible, after the work is done, certify to the Corporation Counsel the amount of the expense chargeable against each piece of property.*

*The Corporation Counsel is hereby directed and authorized to sue for and recover the amount of this expense, together with three (3) dollars penalty for each offense, and when so recovered the amount shall be turned over to the City Chamberlain to be deposited to the credit of the general fund of the City of New York for the redemption of taxation.*

Section 2. This ordinance shall take effect immediately.

Note—New matter in italics.

**ORIGINAL.**

AN ORDINANCE relating to the removal of snow and ice from sidewalks and gutters in the City of New York.

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

Section 1. Section 414 of Chapter 9 of Part 1 of the Code of Ordinances of the City of New York is hereby amended to read as follows:

Sec. 414. Whenever any owner, lessee, tenant, occupant or other person having charge of any building or lot of ground abutting upon any street or public place where the sidewalk is paved shall fail to comply with the provision of any ordinance of the City for the removal of snow and ice, dirt or other material from the sidewalk and gutter in the street, on the side of the street on which such building or lot abuts, the President of the Borough in which such building or vacant lot is located [Commissioner of Street Cleaning or the Borough President of Queens or Richmond] may cause such removal to be made, meeting [such] the expense thereof from any suitable street cleaning or highway fund, and thereafter the expense of such removal, as to each particular lot of ground, shall be ascertained and certified by the said [Commissioner of Street Cleaning or by the President of Queens or Richmond] Borough President to the Comptroller [or the City], and the Board of Estimate and Apportionment may authorize such additional expenditures as may be required for

the said removal of such ice and snow, dirt or other material, to be repaid to the fund from which the payments were made, [or instead, in the Boroughs of Queens or Richmond, to the special fund restoring and repaving in said boroughs, if the Presidents of these boroughs so elect], with proceeds from the issue and sale of revenue bonds which shall be sold by the Comptroller, as provided by law.

The [Commissioner of Street Cleaning or Borough Presidents of Queens or Richmond] said Borough President shall, as soon as possible after the work is done, certify to the Corporation Counsel the amount of the expense chargeable against each piece of property.

The Corporation Counsel is hereby directed and authorized to sue for and recover the amount of this expense, together with three (3) dollars penalty for each offense, and when so recovered the amount shall be turned over to the City Chamberlain, to be deposited to the credit of the general fund of The City of New York for the redemption of taxation.

Section 2. This ordinance shall take effect immediately.

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

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 625—Int. No. 1672.

**An Ordinance to Amend Section 1 of Chapter 11 of the Code of Ordinances, Relating to Fees for Permits to Keep or to Carry Pistols or Revolvers.**

By Alderman Kochendorfer—

AN ORDINANCE to amend Section 1 of Chapter 11 of the Code of Ordinances, relating to fees for permits to keep or to carry pistols or revolvers.

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

Section 1. Section 1 of Chapter 11 of the Code of Ordinances is hereby amended to read as follows:

Pistols, or revolvers; keeping or carrying. Every person to whom a license shall be granted to have and possess a pistol or revolver in a dwelling or place of business in the city shall pay therefor an annual fee of \$1. Every person to whom a license shall be granted to have and carry concealed a pistol or revolver in the city shall pay therefor an annual fee of [\$2.50] \$1; provided, that no fee shall be charged or collected for a license to have and carry concealed a pistol or revolver which shall be issued upon the application of the commissioner of correction, or the warden or superintendent of any prison, penitentiary, workhouse or other institution for the detention of persons convicted or accused of crime or offense, or held as witnesses in criminal cases in the city. The fees prescribed by this section shall be collected by the officials issuing the licenses referred to herein and shall be paid by them into the police pension fund, and a return in detail shall be made monthly to the comptroller by such officials of the fees so collected and paid over by them.

Section 2. This ordinance shall take effect immediately.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 626—Int. No. 1673.

**An Ordinance to Amend Section 21 of Article 2 of Chapter 14 of the Code of Ordinances of The City of New York Relating to "Billiard and Pool Tables."**

By Alderman Dowling—

AN ORDINANCE to amend section 21 of article 2 of chapter 14 of the Code of Ordinances of The City of New York relating to "billiard and pool tables."

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

Section 1. Section 21 of article 2 of chapter 14 of the Code of Ordinances of The City of New York, relating to "billiard and pool tables," is hereby amended to read as follows:

\$21. License fee. The [annual] license fee for each public billiard or pool table shall be \$3. *The fee for renewal of such license shall be \$1.50.*

Sec. 2. This ordinance shall take effect immediately.

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

Which, on motion of Alderman Curran, was referred to the Committee on General Welfare.

No. 624—Int. No. 1653.

**An Ordinance to Amend Article 2 of Chapter 1 of the Code of Ordinances of The City of New York Relating to the "City Seal" and "Flags and Decorations on City Hall," and Adding to Chapter 1 a New Article, to Be Numbered Article 3, to Be Entitled "Seal and Flag of the City."**

Alderman Curran offered the following, and moved that it be substituted for the ordinance reported:

**SUBSTITUTE.**

AN ORDINANCE to amend article 2 of chapter 1 of the Code of Ordinances of The City of New York, relating to the "city seal" and "flags and decorations on city hall," and adding to chapter 1 a new article, to be numbered article 3, to be entitled "seal and flag of the city."

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

Section 1. Sections 6 and 11 of article 2 of chapter 1 of the Code of Ordinances of The City of New York, relating, respectively, to the "city seal" and "flags and decorations on city hall," are hereby repealed in their entirety and the remaining sections of said article renumbered in consecutive order, from 5 to 10, inclusive.

Sec. 2. Chapter 1 of the Code of Ordinances of The City of New York is hereby amended by adding thereto a new article, to read as follows:

**Article 3.**

*Seal and flag of the city.*

Section 1. *City seal.*

2. *City flag.*

3. *Mayor's flag.*

4. *Flags and decorations on city hall.*

\$1. *City seal. a. Description. The corporate seal of The City of New York, as adopted by the common council on July 24, 1686, with the alteration adopted by the common council on March 16, 1784, is hereby re-established, and the following device is hereby adopted as the device of said seal, to wit:*

*Arms: Upon a shield, saltire-wise, the sails of a windmill. Between the sails, in chief a beaver, in base a beaver, and on each flank a flour barrel;*

*Supporters: Dexter, a sailor, his right arm bent, and holding in his right hand a plummet; his left arm bent, his left hand resting on the top of the shield; above his right shoulder a cross-staff. Sinister, an Indian of Manhattan, his right arm bent, his right hand resting on the top of the shield, his left hand holding the upper end of a bow, the lower end of which rests on the ground. Shield and supporters resting upon a horizontal laurel branch;*

*Date: Beneath the horizontal laurel branch the date 1664, being the year of the capture of New Amsterdam by the English and the first use of the name of the City of New York;*

*Crest: Upon a hemisphere, an American eagle with wings displayed;*



Legend: Upon a ribbon encircling the lower half of the design the words "Sigillum Civitatis Novi Eboraci".  
The whole encircled by a laurel wreath.

b. Design. The following design is hereby adopted as the official and standard design of such corporate seal:



c. Execution and custody of. The city clerk shall cause to be executed and cast in bronze a model of the foregoing design as the standard corporate seal of the city and shall keep the same in his custody. The city clerk shall also cause the said design to be engraved in accurate conformity therewith upon metal as the seal of the city and shall keep and affix the same, as provided in §31 of the charter; and he shall also provide in the same manner for all other officers of the city who are required or authorized by law to have or use the corporate seal of the city.

d. Date of effect and use of. On and after June 24, 1915, the said seal shall be used for all requisite purposes and all representations of the seal of the city impressed or printed on and after said date on documents, publications or stationery, issued or used by or in the name or under the authority of the city or of any borough or department thereof, or carved, or otherwise represented on buildings or structures owned by the city; or otherwise officially portrayed shall be in exact conformity with the aforesaid standard design without alteration or addition, except that the legend "Sigillum Civitatis Novi Eboraci" may be omitted when the design is used on the city flag or for architectural or ornamental purposes. The seals now in use by the city clerk and by any other city officers shall be defaced and cancelled on said date by the city clerk and shall remain in his custody.

§2. City flag. The following design is hereby adopted as the design of the official flag of the city on and after June 24, 1915, and as a substitute for the flag now in use, to wit:

A flag combining the colors orange, white and blue, arranged in perpendicular bars of equal dimensions (the blue being nearest to the flagstaff) with the standard design of the seal of the city in blue upon the middle, or white bar, omitting the legend "Sigillum Civitatis Novi Eboraci," which said colors shall be the same as those of the flag of the United Netherlands in use in the year 1626.

§3. Mayor's flag. The official flag of the Mayor shall be the same in design as the official flag of the City, except that upon the middle or white bar there shall be above the design of the seal in a semi-circle, five blue-pointed stars, typifying the five boroughs of the city; the dimensions of such flag shall be thirty-three inches by forty-four inches.

§4. Flags and decorations on city hall. All power and authority to display flags or other decorations on, in or about the city hall, or other public buildings within the City Hall park, is hereby vested in the mayor, unless otherwise ordered by the board of aldermen, by a vote of a majority of all the members elected to the board.

Sec. 3. The Code of Ordinances of The City of New York is hereby further amended, under the two titles "General Provisions," to read as follows:

#### GENERAL PROVISIONS.

- Article 1. Definitions.
2. Miscellaneous regulations.
3. Seal and flag of the City.

#### ARTICLE 2.

##### Miscellaneous Regulations.

#### Section 5. Publication of general ordinances.

- [6] City seal.
- [7] Designation of acting head of department.
- [8] Office-hours.
- [9] Meetings of boards.
- [10] Municipal reference library, to have reports, etc.
- [11] Flags and decorations on city hall.
- [12] Sales of waste material.

Sec. 4. This ordinance shall take effect immediately, and shall supersede all ordinances inconsistent herewith.

Note—New matter in *italics*; old matter, in brackets [], to be omitted.  
Which motion was unanimously adopted.

The President then put the question whether the board would agree to accept said report and adopt said ordinance, as amended.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Squire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works, and the Vice-Chairman—59.

On motion of Aldermen Curran the Clerk was directed to make any necessary changes in punctuation and style.

No. 627—Int. No. 1674.

#### Resolution Appointing Various Persons Commissioners of Deeds.

By the President—

Resolved, That the following named persons be and they are hereby appointed Commissioners of Deeds:

By Alderman Bartscherer—

Carsten Busch, 54 Cedar Street, Brooklyn, N. Y.

Endorsed by Jacob Hellerstein and James J. Molen.

By Alderman Bedell—

Paul A. McGolrick, 73 West 104th Street, Manhattan.

Endorsed by A. C. Baur and Joseph Allyn.

Vernon K. Parmelee, 119 West 96th Street, Manhattan.

Endorsed by Joseph Young and George Eckhard.

By Alderman Benninger—

Alfred B. Hano, 133 Crescent Street, Far Rockaway, Queens.

Endorsed by Benj. M. Kaye and Harry J. Rosenson.

John Henry Delling, 35 Vanderveer Avenue, Queens.

Endorsed by A. C. Benninger and Samuel J. Burden.

By Alderman Boschen—

John Francis Moore, 152 East 22nd Street, Manhattan.

Endorsed by Albert D. Silver and C. R. Neal.

Van M. Logan, 228 Audubon Avenue, Manhattan.

Endorsed by Chester H. Lane and Thomas O'Rourke Gallagher.

Thomas J. O'Connell, 701 West 178th Street, Manhattan.

Endorsed by Ezra H. Young and H. A. Riker.

By Alderman Bosse—

Charles D. Klinck, 2437 84th Street, Brooklyn, N. Y.

Endorsed by P. E. Bennett and Leo A. Dickinson.

Cromwell G. Macy, 103 Bay 17th Street, Brooklyn, N. Y.

Endorsed by Frank P. Woglom and Edward D. Dowling.

Kathryn F. Keenan, 753 East 10th Street, Brooklyn, N. Y.

Endorsed by Joseph M. Carraher and Thomas Handley.

Charles E. Brownell, 1773 West 9th Street, Brooklyn, N. Y.

Endorsed by John C. Tiedemann and Frederick W. Schraeder.

Benjamin Franklin Arnold, 1447 56th Street, Brooklyn, N. Y.

Endorsed by Theodore Merkle and J. H. Rogers.

Max Perlman, 4819 14th Avenue, Brooklyn, N. Y.

Endorsed by Arthur M. Levy and Emanuel Levy.

By Alderman Brush—

George J. Counes, 182 Claremont Avenue, Manhattan.

Endorsed by Charles B. Schweiter and C. D. Mylonas.

Harry Crone, 241 West 101st Street, Manhattan.

Endorsed by George L. Gerning and Wm. E. C. Mayer.

Charles J. Lane, 50 Morningside Drive, Manhattan.

Endorsed by Harry Crone and Charles H. David, Jr.

Walter T. Kohn, 245 West 101st Street, Manhattan.

Endorsed by J. Chas. Weschler and Jehial M. Roeder.

By Alderman Carroll—

Lester Jacobs, 55 East 88th Street, Manhattan.

Endorsed by David Fried and Max Felboore.

By Alderman Carberry—

Herman C. Huelle, Jr., 304 Washington Street, Brooklyn, N. Y.

Endorsed by Arthur Levy and Chas. Reinhardt.

William Joseph Howard, 47 Concord Street, Brooklyn, N. Y.

Endorsed by Lena H. Baser and Frank Ercole.

By Alderman Chorosh—

George Perley Fall, 5 West 125th Street, Manhattan.

Endorsed by Edward J. Welch and Hunt Ritcen.

Abraham Nathaniel Levy, 1438 Eastern Parkway, Manhattan.

Endorsed by Jacob Gordon and Jos. D. Edelson.

Max Salomon, 1980 7th Avenue, Manhattan.

Endorsed by Samuel Plumer and Lewis M. White.

By Aldermen Colne—

Matthew M. White, 130 Lexington Avenue, Brooklyn, N. Y.

Endorsed by Eugene S. Lynch and Albert E. Lawes.

By Alderman Cunningham—

John Biddle Clark, 60 First Place, Brooklyn, N. Y.

Endorsed by Wm. H. Lockwood and Henry Nekerman.

By Alderman Delaney—

James E. Whalen, 175 East 90th Street, Manhattan.

Endorsed by J. J. Barry and Joseph W. Conklin.

By Alderman Diemer—

Henry Wasserman, 197 Stockton Street, Brooklyn, N. Y.

Endorsed by Charles H. Levy and S. Wolf.

Max Blumenau, 609 Van Buren Street, Brooklyn, N. Y.

Endorsed by Martin M. Loeb and John S. Garms.

Isaac Roth, 170 Hart Street, Brooklyn, N. Y.

Endorsed by Matthew S. M. Chamoor and C. H. Peters.

By Alderman Dostal, Jr.—

Charles Entmacher, 68 First Street, Manhattan.

Endorsed by Isidore Frankenberg and Daniel Handler.

By Alderman Dotzler—

Marcus L. Chasins, 153 Avenue B, Manhattan.

Endorsed by Israel Grunstein and Harry Kopf.

Henry Seltzer, 157 Avenue C, Manhattan.

Endorsed by Joseph H. Waldman and Charles B. Schweitzer.

By Alderman Eichhorn—

John Lang, 121 Cooper Street, Brooklyn, N. Y.

Endorsed by George Banks and H. C. Underhill.

Francis S. Coyle, 1124 Herkimer Street, Brooklyn, N. Y.

Endorsed by Dennis J. Clare and Spencer Baker.

By Alderman Ferrand—

John F. Downey, Jr., 81 Clermont Ave., Brooklyn, N. Y.

Endorsed by Howard McKeefrey and Isaac Frank Becker.

Max Sontag, 234 St. James Place, Brooklyn, N. Y.

Endorsed by W. T. MacCrery and Joseph Oppenheimer.

By Alderman Fink—

John Davies, 177 Castleton Ave., Richmond, S. I.

Endorsed by Michael A. Lynch and Robert J. Gomez.

By Alderman Gaynor—

Benjamin F. Schwartz, 146 Heyward Street, Brooklyn, N. Y.

Endorsed by David Taubenfeld and J. Sidney Ampolsk.

John H. Madden, 272 Marcy Avenue, Brooklyn, N. Y.

Endorsed by William T. Foley and Philip Wm. Endres.

Louis J. Moss, 165 Rodney Street, Brooklyn, N. Y.

Endorsed by Thos. J. Evers and Michael Spero.

By Alderman Hannon—

John L. Sherin, 76 7th Avenue, Manhattan.

Endorsed by John J. Flaherty and Frederick Richter.

By Alderman Hogan—

Herbert E. Mohr, 111 Nevins Street, Brooklyn, N. Y.

Endorsed by Bernard H. Sandler and Louis L. Quashe.

By Alderman Igstaedter—

John Joseph Brady, 31 West 127th Street, Manhattan.

Endorsed by Harry K. Savage and Jno. J. Kuhn.

By Alderman Jacobson—

Adolf Rosenfeld, 201 Clinton Street, Manhattan.

Endorsed by Philip A. Glickman and M. J. A. Ascher.

Samuel Saltzman, 44 Hester Street, Manhattan.

Endorsed by Louis Freidel and Isidor D. Gintz.

User Wolfson, 235 East 5th Street, Manhattan.

Endorsed by Leo Wolfson and V. A. Hanson.

Michael N. Markowitz, 25 Orchard Street, Manhattan.

Endorsed by George Rosenblum and Isaac J. Calmowitz.

Nathan Buchman, 34 Stanton Street, Manhattan.

Endorsed by Leo Walkon and Solomon Sufrin.

By Alderman Kochendorfer—

Robert T. Quail, Sherman Ave., south of Liberty Ave., Queens.

Endorsed by John Graham and Charles W. Mahony.

John Baierlein, 115 Kaplan Avenue, Queens.

Endorsed by Frank Dotzler and Frank Dostal, Jr.

By Alderman Lein—

Rudolph R. Granata, 780 Second Avenue, Manhattan.

Endorsed by Wm. T. Greninger and Richard O. Jury.



By Alderman Levy—  
Samuel Gottesfeld, 236 Montrose Avenue, Brooklyn, N. Y.  
Endorsed by Maxwell Bikoff and B. W. Slote.  
Henry Arm, 244 Lynch Street, Brooklyn, N. Y.  
Endorsed by M. Issacson and E. B. Desatuck.

By Alderman McCann—  
Thomas Francis McArdle, 467 Hudson Street, Manhattan.  
Endorsed by Leo E. Gannon and David Rankin.

By Alderman McCourt—  
Joseph E. Marks, 460 West 34th Street, Manhattan.  
Endorsed by Samuel C. Cohn and Frank J. Dotzler.  
Gilbert A. Brice, 430 West 37th Street, Manhattan.  
Endorsed by Charles Einsel and John J. Quinn.

By Alderman McGarry—  
Irad T. Lane, 118 Nassau Avenue, Brooklyn, N. Y.  
Endorsed by Charles J. Barbati and William J. Cosby.  
Jesse B. Stark, 158 Eagle Street, Brooklyn, N. Y.  
Endorsed by James Murray and Jacob A. Medoff.

By Alderman McNally—  
Jennie Deloras Williams, 416 East 144th Street, Bronx, N. Y.  
Endorsed by Jas. A. Dorsey and H. J. Semke.  
Grace Elizabeth Fowler, 458 East 143rd Street, Bronx, N. Y.  
Endorsed by Henry M. Bellinger, Jr., and James McBrien.  
Katherine Margaret McDewitt, 426 East 136th Street, Bronx, N. Y.  
Endorsed by Cornelius J. Earley and Peter J. Binnato.

By Alderman Milligan—  
George E. Ferguson, 2414 University Avenue, Bronx, N. Y.  
Endorsed by Richard B. Kelly and Horan F. Hutchinson.  
Rudolph H. Fennel, 1911 Davidson Avenue, Bronx, N. Y.  
Endorsed by Frederick W. Spahn and Herbert F. Day.  
James A. McGovern, 1379 Plimpton Avenue, Bronx, N. Y.  
Endorsed by Joseph A. Nickerson and Oswald W. Gott, Jr.

By Alderman Charles J. Moore—  
Joseph Imhoff, Jr., 178 Richmond Street, Brooklyn, N. Y.  
Endorsed by Walter R. Bowla and John G. Mueller.

By Alderman Frank Mullen—  
Francesco J. Murano, 1724 Amsterdam Avenue, Manhattan.  
Endorsed by Jack Sobel and A. Handel.  
Charles P. Sullivan, 306 West 140th Street, Manhattan.  
Endorsed by Thomas F. O'Sullivan and John E. Duffy.

By Alderman Ottes—  
Philip Ries, 1753 Avenue A, Manhattan.  
Endorsed by Andrew J. Forman and H. Heckmann.

By Alderman Pendry—  
Olga M. Schmelz, 1055 Greene Avenue, Brooklyn, N. Y.  
Endorsed by Archibald L. Van Ness and Walter A. Van Ness.  
Max H. Newman, 1262 Gates Avenue, Brooklyn, N. Y.  
Endorsed by Mortimer J. Wohl and Elias A. Deutschman.  
Harrison Charles Glorie, 1035 Madison Street, Brooklyn, N. Y.  
Endorsed by James Gray and Frederick A. Keck.

By Alderman Quinn—  
John Stich, Ansonia Hotel, Broadway and 73rd Street, Manhattan.  
Endorsed by William S. Devery and E. B. Corey.  
John Clinton McGee, 411 Amsterdam Avenue, Manhattan.  
Endorsed by P. McCormack and James H. Cross.  
Adolph Bangser, 138 West 82nd Street, Manhattan.  
Endorsed by Monte London and Abraham M. Davis.  
Cora Josephine Rose, 130 West 85th Street, Manhattan.  
Endorsed by Jerome H. Buck and John Choers.

By Alderman Robitzek—  
Meta K. Oetjen, 1205 Tinton Avenue, Bronx, N. Y.  
Endorsed by Edward P. Doyle and James G. Holmes.  
Alvin Joseph, 837 Beck Street, Bronx, N. Y.  
Endorsed by George Feinberg and Irwin I. Levy.

By Alderman Rosenblum—  
Esta Witson, 1504 Eastern Parkway, Brooklyn, N. Y.  
Endorsed by Ed A. Isaacs and Benjamin Levy.  
Max Brownstein, 339 Wyona Street, Brooklyn, N. Y.  
Endorsed by Joseph Goldstein and Max Strommer.  
Jesse C. Schenck, N. W. Cor. Church Avenue and East 56th Street, Brooklyn, N. Y.  
Endorsed by I. M. Rosenblum and Meyer Dombek.  
David Stoller, 371 Watkin Street, Brooklyn, N. Y.  
Endorsed by J. J. Kramer and Joseph Bourke.  
Rudolph Kleinman, 8658 Bay 15th Street, Brooklyn, N. Y.  
Endorsed by Abraham Sanford and Frederick Schwartz.  
Charles W. Witzburgh, 385 Chauncey Street, Brooklyn, N. Y.  
Endorsed by B. L. Pettigrew and Walter L. Gleuney.  
Joseph H. Muller, 1378 St. Marks Avenue, Brooklyn, N. Y.  
Endorsed by Henry A. Blumenthal and Eugene Blumenthal.  
Joseph Goldstein, 138 Chester Street, Brooklyn, N. Y.  
Endorsed by Max Strammer and Max Brownstein.  
David P. Goldstein, 2033 Douglass Street, Brooklyn, N. Y.  
Endorsed by Philip Olarsch and Louis Diamond.  
William E. Jacobs, 393 Hinsdale Street, Brooklyn, N. Y.  
Endorsed by George F. Mattick and Chas. Goldier.  
Noah Seedman, 1625 Eastern Parkway, Brooklyn, N. Y.  
Endorsed by Sol Feinberg and Maxwell Slades.

By Alderman Schmelzel—  
Ray C. Weber, 757 7th Avenue, Manhattan.  
Endorsed by J. P. McDonald and M. M. Bonsole.

By Alderman Squiers—  
M. L. Blake, 1224 Carroll Street, Brooklyn, N. Y.  
Endorsed by Isaac W. Goodhue and Thomas H. Ray.  
Harry Rosenbaum, 809 Park Place, Brooklyn, N. Y.  
Endorsed by John J. Crawford and Henry J. Underitz.  
Theodore B. Hennenlotter, 3411 Farragut Road, Brooklyn, N. Y.  
Endorsed by Henry W. Van Alen and E. F. Dyckman.

By Alderman Stevenson—  
Theodore Schultheis, 462 Third Street, Brooklyn, N. Y.  
Endorsed by F. P. Hummel and William Schwegler.  
Walter Bernard Milkman, 317 West 78th Street, Brooklyn, N. Y.  
Endorsed by Walter B. Solinger and P. G. B. Gilkes.  
Joseph Chapman Maccaulay, 488 14th Street, Brooklyn, N. Y.  
Endorsed by Charles R. Ernst and John E. Hininan.

By Alderman Taylor—  
Helen R. Vagt, 201 Bainbridge Street, Brooklyn, N. Y.  
Endorsed by James A. Wilson and Alexander Van Wagoner.  
William H. Bierach, 520 Bainbridge Street, Brooklyn, N. Y.  
Endorsed by Chas. A. Conner and Herbert Cracauer.  
James S. Regan, 634 Monroe Street, Brooklyn, N. Y.  
Endorsed by Frederick J. Mayer and J. Daniel Smith.

By Alderman Trau—  
Joseph I. Krims, 204 East 115th Street, Manhattan.  
Endorsed by William D. Murphy and James L. Stack.  
Miriam Kunstlich, 111 East 110th Street, Manhattan.  
Endorsed by Geo. R. Benjamin and Morris A. Epstein.  
Nicholas Novello, 238 East 107th Street, Manhattan.  
Endorsed by Anthony Mirabella and Thos. P. La Corte.

By Alderman Valentine—  
William J. Smith, 4815 4th Avenue, Brooklyn, N. Y.  
Endorsed by Carsten Bryan and John Meyer.

By Alderman Wilnot—  
Theodore E. Senior, 143 East 235th Street, Bronx, N. Y.  
Endorsed by Wm. F. Quigley and Fred. R. Diering.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Donnelly, Dostal, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Eagan, Fink, Gaynor, Hogan, Igstaedter, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McNally, Milligan, Molen, Moore (Chas. J.), Moran, Mullen (Frank), Nugent, O'Rourke, Ottes, Pendry, Reardon, Robitzek, Rosenblum, Schweickert, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel, Wilmot, President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; The Vice-Chairman—59.

No. 623—Int. No. 1606.

#### Report of the Committee on Public Thoroughfares, in Favor of Adopting Substitute Ordinance Regulating the Use of Temporary Canvas Awnings.

The Committee on Public Thoroughfares, to which was referred on March 30, 1915 (Minutes, page 1747), the annexed ordinance in favor of amending the section of the code referring to temporary canvas awnings, respectfully

#### REPORTS:

That having examined the subject, it believes the proposed amendment to be necessary to prevent a very common encroachment on the sidewalk which frequently subjects pedestrians to a considerable annoyance. Guests at special functions where extra protection is needed are provided for by the amendment contained in the accompanying substitute ordinance, which the Committee recommends be adopted.

#### "SUBSTITUTE."

AN ORDINANCE to amend Section 43 of Article V. of Chapter 23 of the Code of Ordinances with relation to temporary canvas awnings.

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

Section 1. Section 43 of Article V. of Chapter 23 of the Code of Ordinances is hereby amended to read as follows:

Section 43. Temporary awnings. Awnings [with or] without side coverings may be from time to time erected and maintained across the sidewalk of any street for temporary use as a protection during inclement weather only; provided, however, that such awning shall be made of canvas or cloth and shall be supported by upright posts of iron not exceeding [6] 2 inches in diameter and not less than 8 nor more than 10 feet in height above the sidewalk and shall not be wider than the entrance of the building in connection with which it is to be used [and shall leave sufficient space for the passage of pedestrians]. Awnings with side coverings may be erected for a limited time upon issuance of a special permit from the borough president having jurisdiction.

Section 2. This ordinance shall take effect immediately.

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

#### "ORIGINAL."

AN ORDINANCE to Amend Section 43 of Article V of Chapter 23 of the Code of Ordinances with Relation to Temporary Canvas Awnings.

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

Section 1. Section 43 of Article V of Chapter 23 of the Code of Ordinances is hereby amended to read as follows:

Section 43. Temporary awnings. Awnings [with or] without side coverings may be from time to time erected and maintained across the sidewalk of any street for temporary use as a protection during inclement weather only; provided, however, that such awning shall be made of canvas or cloth and shall be supported by upright posts of iron not exceeding [6] 2 inches in diameter and not less than 8 nor more than 10 feet in height above the sidewalk and shall not be wider than the entrance of the building in connection with which it is to be used [and shall leave sufficient space for the passage of pedestrians].

Section 2. This ordinance shall take effect immediately.

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

D. M. BEDELL, WILLIAM DUGGAN, JESSE D. MOORE, FRANK DOSTAL, JR., JAMES A. MILLIGAN, JOHN H. BOSCHEN, Committee on Public Thoroughfares.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bartscherer, Bedell, Boschen, Bosse, Brush, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Dostal, Duggan, Eichhorn, Ferrand, Fink, Hannon, Hogan, Igstaedter, Kenney, Kochendorfer, Levy, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Mullen (Frank), Mullen (Jas. F.), O'Rourke, Ottes, Pendry, Pouker, Reardon, Rosenblum, Schmelzel, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, Wendel; President McCormack, by Spire Pitou, Jr., Commissioner of Public Works; President Mathewson, by John G. Borgstede, Commissioner of Public Works; President Pounds, by Edmund W. Voorhies, Commissioner of Public Works; President Marks, by E. V. Frothingham, Commissioner of Public Works; the Vice-Chairman, the President—47.

Negative—Alderman Quinn—1.

#### ORDINANCES AND RESOLUTIONS.

No. 1694.

#### Resolution Authorizing the Mayor and Committee of the Board of Alderman to Make Arrangements for the Reception and Entertainment of the United States Atlantic Fleet.

By Alderman Dowling—

Resolved, That, in pursuance of the provisions of Section 419 of the Greater New York Charter, his Honor the Mayor and such Committee of the Board of Aldermen as may be appointed in the premises are hereby authorized and empowered to enter into contract, without public letting, for the making of arrangements and the furnishing of supplies, etc., necessary to the expenses contingent to the reception and entertainment of the United States Atlantic Fleet on its arrival in the Port of New York to the extent of ten thousand dollars (\$10,000).

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

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

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Boschen, Brush, Burdén, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Dixon, Donnelly, Dotzler, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Ferrand, Eagan, Fink, Hannan, Hogan, Igstaedter, Jacobson, Kenneally, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schmelzel, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, the Vice-Chairman—64.

Alderman Curran moved that the Committee on Public Letting be discharged from further consideration of No. 1635.

Which motion was unanimously adopted.

The paper is as follows:

No. 1635.

#### President of the Borough of Manhattan—Request for Authority to Make Alterations to and Rehabilitate the West Wing of the City Hall Building, Without Public Letting.

City of New York, President of the Borough of Manhattan, Municipal Building, April 7th, 1915.

Hon. GEORGE MCANENY, President, Borough of Manhattan, Municipal Building, New York:

Dear Sir—Additional funds have been requested for the rehabilitation of additional parts of the City Hall, which will include the Mayor's offices in the west wing of the City Hall Building. Practically all of this is for repair and replacement work for which it is almost impossible to write specifications for public letting of a contract without serious loss to the City, because of existing conditions which cannot be foreseen until the work in question is uncovered, and the obvious possibility of obtaining work of an inferior quality to that which has already been done under conditions which have given satisfaction in the past, making it both necessary and desirable that exemption from public letting be granted.

Therefore, I respectfully petition your Honorable Board to grant permission by resolution for the expenditure of funds for the work without public letting, and request that permission be given, pursuant to Chapter 419 of the Greater New York Charter, to enter into contracts without public letting for the required additional work in the sum of \$47,000, covered by request under date of April 5th, 1915. Very truly yours,

MARCUS M. MARKS, President, Borough of Manhattan.

In connection herewith Alderman Curran offered the following resolution:

Resolved, That, in pursuance of the provisions of Section 419 of the Greater New York Charter, the President of the Borough of Manhattan be and he is hereby authorized and empowered to enter into a contract or contracts for the rehabilitation



of additional parts of the City Hall, which will include the Mayor's offices in the west wing of the City Hall building, to an amount not to exceed forty-seven thousand dollars (\$47,000).

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

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

Affirmative—Aldermen Bartscherer, Bedell, Benninger, Boschen, Burden, Burns, Carberry, Carroll, Chorosh, Cole, Colne, Cunningham, Curran, Delaney, Diemer, Dixon, Donnelly, Dotzler, Dowling, Duggan, Dujat, Eichhorn, Ferguson, Ferrand, Eagan, Fink, Hannan, Hogan, Igstaedter, Jacobson, Kennaugh, Kenney, Kochendorfer, Lein, Levy, McCann, McCourt, McGarry, McNally, Milligan, Molen, Moore (Chas. J.), Moore (Jesse D.), Moran, Mullen (Frank), Mullen (Jas. F.), Nugent, O'Rourke, Ottes, Pendry, Pouker, Quinn, Reardon, Robitzek, Rosenblum, Schmeltzel, Squiers, Stapleton, Stevenson, Taylor, Trau, Weil, the Vice-Chairman—64.

#### ANNOUNCEMENT.

The President stated that the Committee on Health would meet immediately after the adjournment of the Board.

No. 1695—(G. O. No. 638).

#### Resolution Appointing Various Persons Commissioners of Deeds.

By the President—

Resolved, That the following named persons be and they are hereby appointed Commissioners of Deeds:

By Vice-Chairman Esterbrook—

William L. Huus, 598 Nostrand Avenue, Brooklyn, N. Y.

Endorsed by Edward E. Hoenig and J. M. Sullivan.

Frank Eugene Palmer, 136 Herkimer Street, Brooklyn, N. Y.

Endorsed by William P. Lac and J. C. Schenck.

Anson B. Cole, 246 Madison Street, Brooklyn, N. Y.

Endorsed by George H. Ott and James H. Cross.

Matilda Mount Reamer, 1270 Pacific Street, Brooklyn, N. Y.

Endorsed by Henry Henchel and Wm. J. Kenmore, Jr.

By Alderman Bedell—

William Rosenbloom, 214 West 92nd Street, Manhattan.

Endorsed by J. Solon Sinsohn and Samuel Marks.

Jacob C. Warshawer, 216 West 100th Street, Manhattan.

Endorsed by Chas. B. Rude and Finis E. Montgomery.

By Alderman Benninger—

John H. Ferril, 10 North Beach 80th, Borough of Queens.

Endorsed by Philip Fetzer and George F. Vreeland.

Thomas McKeon, Jr., 116 Maurice Avenue, Borough of Queens.

Endorsed by Walter F. Ring and Frank M. Jachel.

Frank E. Losee, 56 Mueller Street, Maspeth, Queens.

Endorsed by Edgar F. Hazleton and Frank L. Plass.

John L. Karle, 1584 Greene Avenue, Borough of Queens.

Endorsed by Edgar H. Vandewater and Wm. A. Moller.

By Alderman Boschen—

William J. O'Connor, 1306 St. Nicholas Avenue, Manhattan.

Endorsed by C. A. Manly and John F. McCourt.

C. Milton Clark, 509 West 183rd Street, Manhattan.

Endorsed by Philip P. Jacobs and Frank H. Mann.

Joseph J. Harris, 10 Pinehurst Avenue, Manhattan.

Endorsed by Abraham J. Herrick and Louis W. Drubelsfell.

By Alderman Bosse—

Michael J. Weinberg, 110 Bay 17th Street, Brooklyn, N. Y.

Endorsed by Moses Levison and Adolph J. Puhinowitz.

Albert Firman, 1403 Avenue P, Brooklyn, N. Y.

Endorsed by John F. Carew and Cornelius B. Van Bomet.

William Francis Quigley, 1563 75th Street, Brooklyn, N. Y.

Endorsed by Eugene McMahon and John J. Green.

Grover Daniel Quigley, 1563 75th Street, Brooklyn, N. Y.

Endorsed by Eugene McMahon and R. Melville.

Robert Charles Robinson, 1574 East 14th Street, Brooklyn, N. Y.

Endorsed by Chester G. Halstead and Alex. K. Thompson.

William R. Leggett, 114 Avenue J, Brooklyn, N. Y.

Endorsed by Charles K. Delmae and Warren H. Bristol.

By Alderman Brush—

John Edward Oster, 500 West 122nd Street, Manhattan.

Endorsed by Leo M. Eisenberg and H. Coffin.

By Alderman Burden—

Jeremiah F. Ryan, 350 3rd Avenue, Borough of Queens.

Endorsed by Louis Miller and Geo. E. Payne.

By Alderman Burns—

Max Steindler, 277 Stanton Street, Manhattan.

Endorsed by J. F. Sullivan and James H. Cross.

Abraham Greenberg, 130 Attorney Street, Manhattan.

Endorsed by Alfred S. Katzenstein and Henry F. Eldman.

William Callahan, 562 Grand Street, Manhattan.

Endorsed by Ernest Jantzen and Thomas E. Ness.

By Alderman Carroll—

John H. Higman, 166 East 67th Street, Manhattan.

Endorsed by Jos. Stein and M. Warschauer.

Walter R. Lynch, 64 East 94th Street, Manhattan.

Endorsed by John M. Connolly and Edward Canavan.

John M. Connolly, 1073 Park Avenue, Manhattan.

Endorsed by Walter R. Lynch and Edward Canavan.

James B. Connolly, 114 East 89th Street, Manhattan.

Endorsed by Thomas E. Rush and Henry McLaughlin.

Charles J. Peyton, 319 East 58th Street, Manhattan.

Endorsed by Thomas E. Rush and Henry McLaughlin.

By Alderman Chorosh—

Lazarus Shapiro, 12 West 118th Street, Manhattan.

Endorsed by Abraham Brekstone and Bernard McFarland.

Joseph T. Cohen, 19 West 112th Street, Manhattan.

Endorsed by M. Kaplan and Charles Richman.

Samuel D. Levy, 11-13 East 116th Street, Manhattan.

Endorsed by Leon Kronfeld and Emanuel Friedman.

Nathan Poley, 136 West 116th Street, Manhattan.

Endorsed by Meyer A. Alexander and Louis Burke.

By Alderman Colne—

William J. Flynn, 438 Park Place, Brooklyn.

Endorsed by S. T. Conover and Frank A. Cade.

By Alderman Cunningham—

Frederick Peterson, 16 Tompkins Place, Brooklyn.

Endorsed by Eugene Conran and Michael Ditore.

By Alderman Curran—

George D. Armstrong, 29 Bank Street, Manhattan.

Endorsed by Leo Koenig and Edward Gates.

By Alderman Diemer—

Frances Friedwald, 276 Throop Avenue, Brooklyn.

Endorsed by Isidore D. Lehrer and Jacob Haber.

By Alderman Dixon—

David B. Cohen, 195 Roebling Street, Brooklyn.

Endorsed by Harry G. Fromberg and M. M. Rutchick.

By Alderman Dotzler—

Frances K. Schwartz, 309 East 4th Street, Manhattan.

Endorsed by Louis J. Schwartz and Harry M. Peyser.

By Alderman Eichhorn—

August H. Kirchmer, 376 Cornelia Street, Brooklyn.

Endorsed by John Diemer and Fred. Ross.

By Alderman Ferrand—

William Newton Mulligan, 383 Weirfield Street, Brooklyn.

Endorsed by J. E. Hunt and George J. Sweeney.

Walter J. Doherty, 304 Adelphi Street, Brooklyn.

Endorsed by William C. Arnold and Isaac Franklin Russell.

By Alderman Ferguson—

Bessie Schaeffer, 535 St. Ann's Avenue, Bronx.

Endorsed by Timothy G. Sheehan and Charles Clees, Jr.

Joseph Flynn, 492 East 162nd Street, Bronx.

Endorsed by William Coen and William T. Flanagan.

William F. Grund, 511 East 162nd Street, Bronx.

Endorsed by Julius A. Tobias and D. A. Montain.

By Alderman Gaynor—

Harry J. Rosenson, 63 Morton Street, Brooklyn.

Endorsed by Sidney Rossman and Benj. M. Kaye.

By Alderman Hannon—

Jennie C. Molloy, 225 West 14th Street, Manhattan.

Endorsed by Sidney Abenheim and Edgar D. Milbank.

By Alderman Hogan—

Grace Brunell, 50 Monroe Place, Brooklyn, N. Y.

Endorsed by Eugene J. Kenny and Geo. W. Sullivan.

By Alderman Igstaedter—

Millard F. Kuh, 587 Riverside Drive, Manhattan.

Endorsed by John George McCarthy and John P. Smith.

Peter J. McGowan, 518 West 135th Street, Manhattan.

Endorsed by William J. Lacey and William M. Pollard.

Jacob Weintraub, 233 Henry Street, Manhattan.

Endorsed by Louis N. Adler and James H. Cross.

By Alderman Jacobson—

Lena Bass, 262 East Broadway, Manhattan.

Endorsed by M. Graubard and Joseph J. Berkowitz.

Rosie Nussbaum, 84 Rivington Street, Manhattan.

Endorsed by Ignatz Weisengreen and Benj. Steinman.

Sam Riedler, 110 Forsyth Street, Manhattan.

Endorsed by Nathaniel Choloney and Isidor Unger.

By Alderman Kenney—

Charles Francis Sals, 174 5th Avenue, Brooklyn, N. Y.

Endorsed by Andrew J. Heagen and Geo. W. Miller.

Eugene F. Cooke, 29 Second Street, Brooklyn, N. Y.

Endorsed by John T. Eno and Stephen W. Dodge.

By Alderman Kochendorfer—

Frank Giorgio, 424 Ocean View Avenue, Woodhaven, Queens.

Endorsed by Tony Lauria and Thos. F. Combs.

Francis J. Kavanagh, 74 Manor Avenue, Woodhaven, Queens.

Endorsed by Conrad Koch and C. W. Bergmann.

George W. Miller, 312 Ocean View Avenue, Woodhaven, Queens.

Endorsed by Charles F. Sals and Elliott Coleman.

By Alderman Lein—

Arthur C. Hutcheson, 399 3rd Avenue, Manhattan.

Endorsed by William N. Shannon and Francis A. Bellingier.

By Alderman Levy—

Herbert B. Sussman, 196 Ralph Avenue, Brooklyn, N. Y.

Endorsed by Henry D. Levy and Abraham A. Levy.

By Alderman McNally—

William P. Thomas, 458 Mott Avenue, Bronx, N. Y.

Endorsed by B. F. Foster and Jos. Henry Carr.

Joseph H. Samuels, 952 Fox Street, Bronx, N. Y.

Endorsed by Emanuel Hertz and Samuel Berzien.

By Alderman Milligan—

Richard D. Barry, 2490 Tiebout Avenue, Bronx, N. Y.

Endorsed by Chas. Beckman and George Michel.

John Patrick Donovan, 1917 Walton Avenue, Bronx, N. Y.

Endorsed by H. D. Anthony and W. H. Birnbaum.

Henry Frederick Bunke, 2763 Briggs Avenue, Bronx, N. Y.

Endorsed by John A. Bolles and Thomas H. Curtin.

By Alderman Moore—

Abraham Ablowitz, 842 Dumont Avenue, Brooklyn, N. Y.

Endorsed by Jerome L. Adler and Lawrence K. Browne.

By Alderman Frank Mullen—

Joseph Winter, 560 West 148th Street, Manhattan.

Endorsed by Bernard Diamond and Max Barash.

Harry T. Currier, 2580 7th Avenue, Manhattan.

Endorsed by M. Rosser and Abraham Bernstein.

Marcus Friedman, 2647 8th Avenue, Manhattan.

Endorsed by Charles Goldstein and David Koerner.

By Alderman James F. Mullen—

Jacob L. Diamond, 1684 Madison Avenue, Manhattan.

Endorsed by William Kerk and Benj. Block.

By Alderman Quinn—

S. Charles Lavin, 622 West 141st Street, Manhattan.

Endorsed by Adolph Bangser and Abraham M. Davis.

Charles L. Lighenhome, 101 West 75th Street, Manhattan.

Endorsed by Francis S. Tunner and Willard H. Lewis.

Ferdinand Irving Haber, 150 West 80th Street, Manhattan.

Endorsed by Joel B. Liberman and Joseph Dunn.

Rolland G. Johnston, 138 West 94th Street, Manhattan.

Endorsed by F. G. Lawrence and M. M. Sussillo.

William Leonard Caten, Jr., 167 West 79th Street, Manhattan.

Endorsed by Henry M. Conkey and John W. Hannon.

George A. Clement, 168 Amsterdam Avenue, Manhattan.

Endorsed by Joseph Krapp and Anthony Dietz.

Herbert Hunt Stacy, 162 West 84th Street, Manhattan.

Endorsed by John P. Brent and Wm. H. Horse.

By Alderman Reardon—

William C. Hecht, Jr., 169 East 83rd Street, Manhattan.

Endorsed by Morris Levy and A. O. Neal.

By Alderman Robitzek—

Julia Jonick, 540 East 173rd Street, Bronx, N. Y.

Endorsed by James T. Bonomo and John C. McHugh.

Jacob Klein, 995 Aldus Street, Bronx, N. Y.

Endorsed by Julian J. Raphael and Max Greenwald.

Abraham Levy, 668 East 179th Street, Bronx, N. Y.

Endorsed by Jule L. Janover and Chester E. Frankel.

By Alderman Rosenblum—

Solomon Sherman, 2116 Atlantic Avenue, Brooklyn, N. Y.

Endorsed by Philip R. Striskin and Judson D. Campbell.

Edward M. Adelson, 1775 Pitkin Avenue, Brooklyn.

Endorsed by Morris Stern and Benjamin B. Isaacs.

Elias Silpe, 365 Sheffield Avenue, Brooklyn.

Endorsed by Max Kalter and Morris A. Dubroff.

Solomon Meisels, 374 Saratoga Avenue, Brooklyn.

Endorsed by Morris Pines and Joseph Schroff.

Abraham Dubroff, 515 Sutter Avenue, Brooklyn.

Endorsed by Barnett Abramowitz and Isadore Silverman.

Alfred A. Shlickerman, 1777 Pitkin Avenue, Brooklyn.

Endorsed by W. W. Bulctur and S. M. Seley.

By Alderman Schmeltzel—

Mark G. Holstein, 36 West 35th Street, Manhattan.

Endorsed by Joseph P. Fallon and Sydney S. Bramsberg.

Leo D. Quinn, 254 West 45th Street, Manhattan.

Endorsed by Ray Dugan and Peter Radley.

By Alderman Squiers—

James A. Newman, 138 Sterling Street, Brooklyn.

Endorsed by Thomas S. Bassford and Simon Gavin.

Samuel Lederman, 852 Eastern Parkway, Brooklyn.

Endorsed by Mark M. Solomon and Ralph G. Coad.

John L. Finck, 98 Kenilworth Place, Brooklyn.

Endorsed by Henry B. Davenport and D. S. Coe.

Sol Schneider, 836 Eastern Parkway, Brooklyn.

Endorsed by Sol Seidman and B. S. Igelheimer.

Walter F. Clayton, 41



By Alderman Stevenson—  
Clara M. Molander, 490 Tenth Street, Brooklyn.  
Endorsed by Theodore M. Tap and P. T. Sherman.  
By Alderman Taylor—  
Richard M. Clark, 662 McDonough Street, Brooklyn.  
Endorsed by Horatio C. King and Harrison C. Gloré.  
Arthur D. Strahl, 372 Bainbridge Street, Brooklyn.  
Endorsed by Jacob S. Diamond and Arthur C. Mandel.  
By Alderman Wilmot—  
John M. Binzen, 2614 Grand Avenue, Bronx.  
Endorsed by James H. Cross and P. McCormack.  
Which was laid over.

No. 1696.

**Resolution Authorizing the Issue of Special Revenue Bonds for the Purpose of Paying Salaries of Court Attendants and Assistant Clerks for the Third District Municipal Court.**

By Alderman Benninger—  
Resolved, That in pursuance of the provisions of Subdivision 8 of Section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue Special Revenue Bonds to the amount of eight thousand dollars (\$8,000), the proceeds whereof to be used by the Board of Justices of the Municipal Court of the City of New York for the purpose of paying the salaries of two Court Attendants at \$1,500 each per annum and two Assistant Clerks at \$2,000 each per annum for the Third District Municipal Court, in the Borough of Queens, and \$1,000 for rental of premises for use of said Court.  
Which was referred to the Committee on Finance.

No. 1697.

**An Ordinance Relating to the Transportation of Petroleum, Shale Oil or the Liquid Products of Either.**

By Alderman Brush—  
(At the request of the Safety First Federation of America.)  
AN ORDINANCE relating to the transportation of petroleum, shale oil, or the liquid products of either.

Be It Ordained by the Board of Aldermen of The City of New York, as follows:  
Section 1. Section 113, Article 8, Chapter 10, of the Code of Ordinances, is hereby amended to read as follows:

Section 113. Transportation and delivery. 1. Permit. Except as otherwise provided in this chapter, no person shall transport or deliver within the City any petroleum or shale oil, or the liquid products of either, or of coal tar without a permit. And no such permit shall be granted unless the boat, barge, vessel, or vehicle transporting any of the articles mentioned in this section is provided with a fire extinguisher approved by the Fire Commissioner or by the Board of Fire Underwriters.

2. Containers. Petroleum and shale oil, and the liquid products thereof, and of coal tar, except volatile inflammable oils, may be transported in the following named containers:

- (a) In tank cars or through supply pipes;
- (b) In steel, iron or wooden barrels or drums of a capacity not exceeding 55 gallons each;
- (c) In cans of a capacity not exceeding ten gallons each made of at least No. 25 B. W. G. tin or terne plate, packed in substantial wooden cases.

3. Tank wagons. No person shall transport petroleum or shale oil, or the liquid products thereof, or of coal tar, in a tank wagon, unless it be of a type for which a certificate of approval shall have been issued; provided, however, that a certificate of approval of a type or kind of tank wagon issued under this section to a given person shall not be construed as an approval of a similar type or kind of tank wagon owned, operated or used by another person. The tank of such a wagon shall be constructed of iron or steel not less than  $\frac{1}{8}$  of an inch thick for the top plates and 3-16 of an inch thick for the bottom plates; and shall be equipped with faucets which shall be kept locked when not in use. Each such wagon shall have painted on both sides thereof in letters not less than 3 inches high, the name of the person operating it, and the number of the certificate of approval.

Section 2. This ordinance shall take effect immediately.

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

Which was referred to the Committee on General Welfare.

No. 1698.

**An Ordinance to Amend Article 1 of Chapter 12 of the Code of Ordinances, Relating to Street Fires and the Fees Therefor.**

By the same—  
AN ORDINANCE to amend article 1 of Chapter 12 of the Code of Ordinances, relating to street fires and the fees therefor.

Section 1. Section 6 of Chapter 10, is hereby amended to read as follows:

Section 6. Street fires; permit required. No person shall kindle, build, maintain or use a fire upon any dock, pier or bulkhead; nor in or upon a street or vacant lot, without a permit from the fire commissioner. A permit to kindle, build, maintain and use a fire in or upon a public street for the purpose of conducting a trade or business may be issued by the fire commissioner upon an application giving such information as may be required by him, and upon receipt of a fee of 50 cents; but no permit shall be issued to kindle, build, maintain or use a fire:

- (a) Within 15 feet of a fire hydrant.
- (b) Within 2 feet of the surface of any stone pavement.
- (c) On, or within 2 feet of the surface of any asphalt pavement, except for the purpose of repairing, removing or constructing the same.

A fire kindled, built and maintained under a permit issued in conformity with the provisions of this section, shall be continuously under the care and direction of a competent person from the time it is kindled until it is extinguished.

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1699.

**An Ordinance to Amend Article 2 of Chapter 12 of the Code of Ordinances, Relating to the Fees for the Storage of Combustible Fibres.**

By the same—  
AN ORDINANCE to amend article 2 of chapter 12 of the Code of Ordinances, relating to the fees for the storage of combustible fibres.

Section 1. Section 24, Subdivision 2, is hereby amended to read as follows:

Section 24. Subdivision 2. *Permit required.* No person shall store or keep on hand in any building any combustible fibre or material in excess of 2 tons, without a permit from the commissioner. The annual fee for such a permit shall be for quantities of 10 tons or more [\$50] \$10; over 5 tons and less than 10 tons, \$5; over 2 tons and less than 5 tons, \$2.

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1700.

**An Ordinance to Amend Article 26 of Chapter 10 of the Code of Ordinances, Relating to Penalties for Wilful Violation of Any Provision of This Chapter.**

By the same—  
AN ORDINANCE to amend Article 26 of Chapter 10 of the Code of Ordinances relating to penalties for wilful violation of any provision of this chapter.

Section 1. Section 300 of Chapter 10 is hereby amended to read as follows:

Section 300. Violations. Any person who shall wilfully violate or neglect or refuse to comply with any provisions of this chapter, in addition to any other penalties prescribed by law or ordinance, shall, upon conviction, be punished by a fine of not more than \$500, or by imprisonment not exceeding 6 months, or by both such fine and imprisonment.

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1701.

**An Ordinance to Amend Article 9 of Chapter 10 of the Code of Ordinances, Relating to Filling Pipes, Drawing-off Pipes and Vent Pipes of Storage Tanks for Volatile Inflammable Liquids, and to Hydraulic Storage Systems.**

By the same—  
AN ORDINANCE to amend Article 9 of Chapter 10 of the Code of Ordinances relating to filling pipes, drawing-off pipes and vent pipes, of storage tanks for volatile inflammable liquids, and to hydraulic storage systems.

Section 1. Section 131, Subdivision 13, is hereby amended to read as follows:

Section 131, Subdivision 13. *Tanks.* Each tank used for the storage of volatile inflammable oil shall be:

(a) Constructed of steel at least one-quarter of an inch in thickness, shall have a capacity of not more than 275 gallons, and shall, under test, stand a hydrostatic pressure of at least 100 pounds to the square inch.

(b) Coated on the outside with tar or other rust-resisting material, shall be set on a solid foundation, and shall be imbedded in and surrounded by at least 12 inches of Portland cement concrete.

(c) So set that the top or highest point thereof shall be at least 2 feet below the level of the lowest cellar floor of any building within a radius of 10 feet from the tank, and no tank for the storage of volatile inflammable oil shall be located under the sidewalk or beyond the building line.

(d) Equipped with a filling pipe, a drawing-off pipe and a vent pipe; provided, however, that tanks installed as a part of an hydraulic storage system shall not be required to have a vent pipe.

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1702.

**An Ordinance to Amend Article 8 of Chapter 10 of the Code of Ordinances, Relating to the Transportation, Sale, Delivery or Use of Petroleum, Shale Oil, or Any Liquid Product Thereof, or Coal Tar.**

By the same—

Section 1. Section 113, Subdivision 1, of Chapter 10 is hereby amended to read as follows:

Section 113. Transportation and delivery. 1. *Permit.* Except as otherwise provided in this chapter, no person shall transport, store, sell [or] deliver or use within the City any petroleum or shale oil, or the liquid products of either, or of coal tar, without a permit.

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1703.

**An Ordinance to Amend Article 6 of Chapter 10 of the Code of Ordinances, Relating to the Transportation, Storage and Sale of Fireworks.**

By the same—

Section 1. Section 92, Subdivision 1, of Chapter 10 is hereby amended to read as follows:

Section 92. Storage, sale and transportation. 1. *Certificate of registration.* No person shall transport, store or sell fireworks unless a certificate of registration of the name of the manufacturer thereof shall have been issued; provided, however, that certificates of registration shall not be required for fireworks manufactured under a permit issued in conformity with Section [60] 90 of this article.

Section 2. Section 95, Subdivision 6, of Chapter 10 is hereby amended to read as follows:

Section 95, Subdivision 6. *Displays inside theatres and other buildings.* No person shall display any fireworks, flashlights, colored fire, or open lights, upon the stage of any theatre or other place of public amusement or assembly without a permit from the Fire Commissioner.

Section 3. Section 93, Subdivision 2, of Chapter 10 is hereby amended to read as follows:

Section 93, Subdivision 2. *Discharge or use.* No person shall use or discharge any of the following articles:

- (a) Rockets or aerial salutes of any kind;
- (b) Fireworks containing chlorates (except chlorate of potash and chlorate of barium), picrates, fulminates or any high explosive;
- (c) Firecrackers longer than five inches or larger than three-fourths of an inch in diameter;
- (d) Fireworks containing sulphur and chlorate in admixture;
- (e) Bombardments or mandarins made of chlorate mixtures;
- (f) Bombs and shells;
- (g) All fireworks known as cannon salutes;
- (h) Fireworks technically known as flying pigeons, flying devils, whirlwinds, wheat sheaves and gattling batteries;
- (i) Fireworks containing red or white phosphorus;
- (j) Fireworks with match heads or self-lighting ends;
- (k) Balloons carrying a lighted substance;
- (l) Cartridges of any kind, except as provided in Article (V); 5
- (m) Explosive marbles;
- (n) Compositions used for detonating purposes, except as provided for in Article (IV.) 4

Section 4. Section 93, Subdivision 1, of Chapter 10 is hereby amended to read as follows:

Section 93, Subdivision 1. *Storage, transportation or sale.* No person shall store, transport or sell within The City of New York any of the following articles:

- (a) Fireworks containing chlorates (except chlorate of potash and chlorate of barium), picrates, fulminates or any high explosive;
- (b) Fireworks containing sulphur and chlorate in admixture;
- (c) Bombardments or mandarins made of chlorate mixtures;
- (d) Canes with chlorate mixtures;
- (e) Cartridge exploders;
- (f) Fireworks known as cannon salutes;
- (g) Fireworks with match-head or self-lighting ends, except ship signals;
- (h) Fireworks containing red or white phosphorus;
- (i) Explosive marbles;
- (j) Compositions used for detonating purposes;
- (k) *Torpedoes exceeding three-quarters of an inch in diameter.*

Section 5. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1704.

**An Ordinance to Amend Article 2 of Chapter 10 of the Code of Ordinances, Relating to Certificates of Fitness.**

By the same—

AN ORDINANCE to amend Article 2 of Chapter 10 of the Code of Ordinances, relating to certificates of fitness.

Section 1. Section 21 of Chapter 10 is hereby amended to read as follows:

Section 21. Certificate of fitness. 1. *Qualifications.* An applicant for a certificate of fitness must—

- (a) Be at least 21 years of age;
- (b) Have a reasonable understanding of the English language and be able to answer satisfactorily such questions as may be asked him upon his examination;
- (c) Produce such evidence of his character, habits and past employment as may be satisfactory to the commissioner;
- (d) Pass an examination, by a person or body designated by the fire commissioner, upon the law and ordinance regulations governing the transportation, storage and use of the substance, compound or article relating to or connected with the service to be performed by him; upon the risks incident to his employment, and upon his knowledge of the precautions necessary to be taken in connection therewith.

Upon the approval of such examiner or examining body, the fire commissioner may issue to him a certificate of fitness. An applicant for such certificate, who has failed to pass a satisfactory examination may renew his application after the expiration of 3 months from the date of his last examination;

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1705.

**An Ordinance to Amend Article 4 of Chapter 10 of the Code of Ordinances, Relating to the Manufacture of Railroad Track Torpedoes, Flashlight Compositions, Electric Fuses, Primers, Safety Fuses or Blasting Caps, Explosives or Any Other Composition Used to Obtain Audible or Visible Effects by Combustion, Explosion or Detonation in Cannon, Machine or Rapid-Fire Guns; Shells, Torpedoes or War Rockets, Gun Cotton and Soluble Cotton in the City.**

By the same—

AN ORDINANCE to amend Article 4 of Chapter 10 of the Code of Ordinances, relating to the manufacture of railroad track torpedoes, flashlight compositions; electric fuses, primers, safety fuses or blasting caps; explosives or any other composition used to obtain audible or visible effects by combustion, explosion or detonation in cannon, machine or rapid-fire guns; shells, torpedoes or war rockets, gun cotton and soluble cotton in the city.



Section 1. Section 60 of Chapter 10 of the Code of Ordinances is hereby amended to read as follows:

Section 60. Manufacture prohibited. No person shall manufacture [railroad track torpedoes, flashlight compositions; primers,] electric fuses, safety fuses, [or] blasting caps or explosives [or any composition used to obtain audible or visible effects by combustion, explosion or detonation in cannon, machine or rapid-fire guns; shells, torpedoes or war rockets] in the city.

Section 2. Section 61, Subdivision 2, of Chapter 10 of the Code of Ordinances is hereby amended to read as follows:

Section 61, Subdivision 2. Gun-cotton and soluble cotton. No person shall transport, store or sell any gun-cotton or soluble cotton, except in water-tight metal vessels containing no more than 10 pounds [of gun-cotton,] dry weight, and at least 20 per cent. of water.

Section 3. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1706.

**An Ordinance to Amend Article 1 of Chapter 10 of the Code of Ordinances, Relating to the Definition of Combustible Fibres.**

By the same—

AN ORDINANCE to amend Article 1, of Chapter 10, of the Code of Ordinances, relating to the definition of combustible fibres.

Section 1, Subdivision 10, is hereby repealed.

Section 2. This Ordinance shall take effect immediately.

Which was referred to the Committee on General Welfare.

No. 1707.

**Ordinances to Amend Section 1 of Chapter 15 of the Code of Ordinances, Relating to Markets.**

By Alderman Chorosh—

AN ORDINANCE to amend Section 1 of Chapter 15 of the Code of Ordinances of The City of New York relating to markets.

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

That Section 1 of Chapter 15 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

Section 1. Control of markets and market places. The collector of city revenue and superintendent of markets, with the approval of the comptroller, shall have sole charge and control of all public markets and market places, and of all vehicles employed in the business of vending and selling merchandise of any description therein, and shall have power to make suitable regulations concerning the fees for conducting business in markets and market places, the hours during which such business may be conducted and the general management thereof; [provided that, except as otherwise provided by law, the rental or fees chargeable for the use of stands, stalls or space in open public markets or market places, under bridge approaches or on other city owned open spaces, shall not exceed 50 cents per square foot, per annum, payable in equal monthly installments in advance.]

Section 2. This ordinance shall take effect immediately.

Which was referred to the Committee on Markets.

No. 1708.

**Resolution Endorsing the Preference of Spanish-American War Veterans in the Civil Service of the State of New York.**

By Alderman Kochendorfer—

Whereas, The Veterans of the War with Spain and the Philippine Insurrection, by volunteering their services to the State and Nation, did render the highest possible service required of its citizens by the Government; and

Whereas, The States owes to these Veterans, who served and sacrificed for it in time of war, a recognition far beyond its ability to repay; now therefore be it

Resolved, That the Board of Aldermen of The City of New York does heartily endorse the request of the Spanish-American War Veterans for preference in the Civil Service of the State of New York and its political subdivisions, believing that in granting this preference the State will meet, in part, the debt it so justly owes to them, securing, thereby, the services of men whose patriotism and devotion to duty has been tried and found true; further

Resolved, That a copy of this resolution be forwarded to the Constitutional Convention of the State of New York.

Which was referred to the Committee on Salaries and Offices.

No. 1709.

**An Ordinance to Amend Section 601 of Article 29 of Chapter 5 of the Code of Ordinances of The City of New York.**

By the same—

AN ORDINANCE to amend Section 601 of Article 29 of Chapter 5 of the Code of Ordinances of The City of New York.

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

Section 1. Section 601 of Article 29 of Chapter 5 of the Code of Ordinances of the City of New York is hereby amended to read as follows:

601. Shut-off valves. Every existing building and all buildings hereafter erected other than residence buildings occupied exclusively by one or two families and having not more than 15 sleeping rooms, which may be supplied from some outside source with gas, vapor or fluid, shall have a conveniently accessible automatic and manual valve fixed to the supply pipes at a place so arranged as to allow the supply to be shut off from the outside of the building. Such valve shall be so marked as to indicate either the contents and purpose of the supply pipe to which it is attached or the company to which the valve belongs.

Section 2. This ordinance shall take effect immediately.

Which was referred to the Committee on Buildings.

No. 1710.

**An Ordinance to Amend Article 2 of Chapter 14 of the Code of Ordinances Relating to "Billiard and Pool Tables."**

By Alderman Levy—

AN ORDINANCE to amend Article 2 of Chapter 14 of the Code of Ordinances relating to "Billiard and Pool Tables."

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

Section 1. Article 2 of Chapter 14 of the Code of Ordinances adopted by the Board of Aldermen March 23, 1915, and approved by the Mayor March 30, 1915, is hereby repealed and the following substituted therefor:

**ARTICLE 2.**

**Section 20. Definitions.**

21. Supervision and control.
22. Not to be maintained below street level; exception.
23. View of premises to be unobstructed.
24. Prohibition as to minors and games.
25. Other businesses prohibited; exception.
26. When to be closed.
27. Expiration of licenses; license fees.
28. Applications for license; inspection of certificate.
29. Penalties.

§ 20. Definitions. The terms "pool room" or "billiard room" as used in this Article shall be deemed to include any room, store, enclosure or place open to the public in which a pool or billiard table is maintained.

§ 21. Supervision and control. Every pool or billiard room shall be under the supervision and control of the Commissioner of Licenses, and every proprietor or keeper of such room shall comply with all rules and regulations of the Department of Licenses relating to the maintenance thereof.

§ 22. Not to be maintained below street level; exception. No pool or billiard room or any part thereof shall be maintained, kept or used below the level of the street adjacent to or in front of the building or premises of which said pool room or billiard room forms a part; nor shall any such room be maintained which shall not have an entrance thereto or window opening upon a public street or thoroughfare. The provisions of this section shall not apply to any pool or billiard room within a building occupied and used as a hotel containing fifty or more bedrooms properly furnished to accommodate lodgers.

§ 23. View of premises to be unobstructed. The door used as an entrance to any pool or billiard room shall have a section thereof not less than three feet square in area, fitted with clear glass, and no proprietor, manager or person in charge of any pool or billiard room shall allow to be covered any part of the window or door thereof, nor shall any such room have near to, or back of, any window or door, any partition or opaque or colored glass or other article or thing, that obstructs, or in any way prevents a person passing on the sidewalk, alley or road in front of, or from the side

or end of, the building, from having a free and unobstructed view of and into such pool or billiard room, and it shall be unlawful to have or maintain at any time in any pool or billiard room any enclosed box or stall which prevents a full view of the entire room by every person present therein; provided that nothing contained in this section shall apply or relate to premises duly licensed under the Liquor Tax Law of the State of New York.

§ 24. Prohibition as to minors and games. No proprietor, manager or person in charge of any pool or billiard room shall suffer, allow or permit any person under the age of eighteen years to use any pool or billiard table therein or to enter or remain in any such pool or billiard room, nor shall any proprietor, manager or person in charge of any pool or billiard room, except as otherwise in this ordinance provided, permit the playing of cards or any game of chance or gambling of any kind whatever or any game other than pool or billiards in any part of such pool or billiard room; provided, however, that nothing contained in this section shall apply or relate to the running, operation or use of a duly licensed bowling alley in such pool or billiard room.

§ 25. Other businesses prohibited; exception. Except as otherwise provided in this ordinance, no business other than renting or hiring of the pool or billiard tables therein shall be conducted by any person in any pool or billiard room, provided that the sale of cigars, tobacco and cigarettes may be permitted therein, and provided further that nothing in this ordinance contained shall apply or relate to the sale or purchase of intoxicating liquors in premises duly licensed under the Liquor Tax Law of the State of New York.

§ 26. When to be closed. All pool or billiard rooms shall be closed to the public between the hours of 1 and 8 A. M., provided that where any pool or billiard room is a part of premises used for the sale of intoxicating liquors, then such pool or billiard room shall be cleared of all persons and be closed to the public from 12 o'clock midnight on Saturday to 8 o'clock A. M. on the Monday following.

Where in the discretion of the Commissioner of Licenses it is desirable or expedient that any pool or billiard room may be kept open between the hours of 1 and 6 A. M., then a license so to do may be issued to the proprietor or owner thereof upon the payment of an additional license fee of \$100 per annum.

§ 27. Expiration of licenses; license fees. All licenses for pool or billiard tables now in force which shall not sooner expire by the expiration of the license period shall expire on the 30th day of November next succeeding the day on which this ordinance takes effect.

The following annual license fee shall be paid:

For each pool table..... \$5 00  
For each billiard table..... 5 00

Any pool or billiard table licensed under the provisions of this ordinance prior to November 30, 1915, shall be licensed pro rata at the above rates.

§ 28. Application for license; inspection of certificate. Every application for a license to install and maintain a pool or billiard table or both, in a place open to the public, shall be accompanied by duplicate photographs of the applicant, provided that where the applicant is a corporation the application shall be accompanied by duplicate photographs of the president thereof; one of such photographs is to be preserved among the records of the Department of Licenses until the expiration of the license granted on such application, and the other, with the seal of the Department of Licenses stamped thereon, is to be returned to the applicant, together with the license when granted, which said photograph is to be kept by the licensee annexed to said license; and said license, together with said photograph, shall be kept in such pool or billiard room readily accessible for inspection by any officer or inspector of the Department of Licenses at any time during the license period.

§ 29. Penalties. Violation of any of the provisions of this ordinance shall be deemed sufficient cause for a revocation of any license issued thereunder, and any person who shall violate, or neglect or refuse to comply with any provision of this ordinance shall, upon conviction before any City Magistrate, be punished by a fine of not more than fifty (\$50) dollars or by imprisonment not exceeding thirty (30) days, or by both such fine or imprisonment.

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in italics.

Which was referred to the Committee on General Welfare.

No. 1711.

**Resolution Authorizing the Issue of Special Revenue Bonds to the Amount of \$103.70 for the Board of Coroners Borough of The Bronx.**

By Alderman Milligan—

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one hundred and three 70-100 dollars (\$103.70), the proceeds whereof to be used by the Board of Coroners, Borough of The Bronx, for the purpose of meeting a deficiency in telephone service for the year 1914.

Which was referred to the Committee on Finance.

No. 1712.

**Resolution Authorizing the Issue of Special Revenue Bonds to the Amount of \$270 for the Board of Coroners, Borough of The Bronx.**

By the same—

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two hundred and seventy dollars (\$270), the proceeds whereof to be used by the Board of Coroners, Borough of The Bronx, for the purpose of paying salary of emergency clerk during the vacation period in June, July and August, 1915.

Which was referred to the Committee on Finance.

No. 1713.

By Alderman Pendry (by request)—

**An Ordinance to Amend the Code of Ordinances of The City of New York.**

AN ORDINANCE to amend the Code of Ordinances of The City of New York.

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

Section 1. The Code of Ordinances of The City of New York is hereby amended so as to incorporate therein new articles in Chapter 9, to be known as Articles 1, 2, 3, 4, 5, 6 and 7, which new articles shall read as follows:

**CHAPTER 9.**

**ELECTRICAL WIRES, APPLIANCES AND CURRENTS.**

**ARTICLE 1.**

**General Provisions.**

Section 1. Definitions. Unless otherwise expressly stated, the following terms whenever used in this Chapter shall respectively be deemed to mean and include:

- a. "Approved": Approved in writing by the Commissioner.
- b. "B. & S. gauge": Brown and Sharpe gauge for wire.
- c. "Building": This term includes any edifice, structure or enclosure, whether roofed or unroofed.
- d. "Commissioner": The Commissioner of Water Supply, Gas and Electricity of The City of New York.

Section 2. Federal Buildings. Nothing in this Chapter shall be construed to apply to any building, the electrical equipment of which is under the control of the United States Government or of any department or officer thereof.

Section 3. City Departments. The various departments, boards and officers of the City shall be subject to the provisions of this Chapter so far as the same may be applicable, but shall not be required to furnish bonds or to pay fees. Provided, that nothing in this Chapter shall be so construed as to affect or in any way modify the provisions of Section 7, Article I of Chapter 10 of this Ordinance or of the Fire Prevention Law, Chapter 458 of the Laws of 1912.

**ARTICLE 2.**

**Permits and Certificates.**

Section 1. Applications. All applications for permits or certificates required by this Chapter shall be made to the Commissioner in such form and detail as he may from time to time prescribe.

Section 2. No Electrical Construction Without Permit. No person shall install wires or other apparatus or make any changes in or additions to existing wires or other apparatus for electric current for light, heat or power, in or upon any building, without a permit or certificate from the Commissioner.

Section 3. Current Not to be Supplied Without Permit. No person shall furnish electric current in or to any building unless and until a permit or certificate authorizing the use of the wires and other apparatus of such building for electric currents for light, heat or power shall have been issued by the Commissioner.



Section 4. *Inspection.* The Commissioner or any duly authorized officer or employee of the Department of Water Supply, Gas and Electricity may enter or go upon, at any reasonable hour, any building in or upon which are wires or other apparatus for electric currents for light, heat or power, to make inspection of such wires or other apparatus or for any other purpose in furtherance of the provisions of this Chapter.

Section 5. *Permits and Certificates of Approval.* If, after inspection, the electric wiring or other apparatus in any building shall be found by the Commissioner to be in accordance with this Chapter and to be safe, he shall issue his permit or certificate approving such wiring or apparatus.

Section 6. *Permits and Certificates Not Transferable.* A permit or certificate of approval issued to this Chapter is not transferable.

Section 7. *Revocation of Permits or Certificates.* The Commissioner may at any time for good cause shown, modify, suspend or revoke any permit or certificate issued pursuant to this Chapter, but no such modification, suspension or revocation shall be effective until and unless the same shall state specifically the reason for the modification, suspension or revocation, and shall be served upon the owner, lessee or occupant of the premises affected, or if the owner, lessee or occupant cannot be ascertained or located by the exercise of reasonable diligence, until and unless such notice shall be conspicuously posted upon said premises.

Section 8. A permit or certificate issued pursuant to this Chapter shall be conspicuously posted in or upon the premises affected thereby and shall be at all times subject to inspection by any duly authorized officer or employee of the Department of Water Supply, Gas and Electricity, and the contents of every such permit or certificate shall be spread at length upon the records of said Department.

#### ARTICLE 3.

##### Discontinuance of Current.

If, in the judgment of the Commissioner, after due inspection, electric wiring or apparatus in any building, shall be unsafe or dangerous to persons or property, the Commissioner shall have power to disconnect the wires and appliances through which current is supplied to such unsafe and dangerous wiring or apparatus and seal the same and thereafter it shall be unlawful to cause or permit electric current to be again supplied to such wiring or apparatus until and unless the same shall be made safe and the Commissioner shall have issued his permit or certificate so certifying; provided, however, that no action shall be taken pursuant to this Section until and unless a notice in writing stating specifically the facts upon which the judgment of the Commissioner was based shall have been served upon the owner, lessee or occupant of the premises affected or conspicuously posted in or upon said premises and a duplicate thereof shall have been delivered to the person or corporation supplying the current to such wiring or apparatus.

#### ARTICLE 4.

##### Fees.

Section 1. *Fees for Permits and Certificates.* The Commissioner is hereby authorized to charge for inspections, surveys, permits and certificates made or issued pursuant to this Chapter such fees as in his judgment may be reasonable compensation to the City therefor. A schedule showing such fees in detail shall be filed and conspicuously posted in the office of the Department of Water Supply, Gas and Electricity in which applications are filed and from which permits and certificates are delivered and also in the office of the City Clerk.

Section 2. The Commissioner shall on each day, except Sundays and holidays, render to the Comptroller on account, under oath, of all fees collected by him pursuant to this Chapter, containing the names of the persons from whom such fees were collected and the purpose for which such fees were charged respectively, and all amounts of money so collected shall be paid to the Chamberlain of The City of New York, whose receipt therefor shall be furnished to the Comptroller.

#### ARTICLE 5.

##### Rules and Regulations.

Section 1. The Commissioner shall have power to make rules and regulations necessary for the interpretation and enforcement of the provisions of this Chapter, but no such rule or regulation shall take effect until and unless it shall have been conspicuously posted for thirty (30) days in the Commissioner's office and in the office of the Superintendent of Buildings of each borough affected thereby and shall have been published at least once in the City Record.

Section 2. Each such rule and regulation shall be filed with the proof of such posting and publication thereof in the office of the Clerk of each county affected thereby.

#### ARTICLE 6.

##### Electrical Code.

##### General Plan Governing the Arrangement of Rules.

Class A.—Generators, Motors, Switchboards, etc. Includes Electrical Equipment of Central Stations, Dynamo, Motor and Storage-Battery Rooms, Transformer Sub-Stations, etc. Rules 1 to 11.

Class B.—Outside Work; all systems and voltages. Rules 12 to 15.

Class C.—Inside Work.

General Rules, all systems and voltages. Rules 16 to 25.

Low-Potential Systems, 550 volts or less. Rules 26 to 43.

High-Potential Systems, 550 to 3,500 volts. Rules 44 to 46.

Extra-High-Potential Systems, over 3,500 volts. Rules 47 and 48.

Class D.—Fittings, Materials and Details of Construction, all systems and voltages. Rules 49 to 84.

Class E.—Miscellaneous. Rules 85 to 89.

Class A. Generators, Motors, Switchboards, etc. Includes Electrical Equipment of Central Stations, Dynamo, Motor and Storage-Battery Rooms, Transformer Sub-Stations, etc.

##### 1. Generators.

a. Must be located in a dry place.

b. Must never be placed in a room where any hazardous process is carried on, nor in places where they would be exposed to inflammable gases or flyings of combustible materials.

c. Must, when operating at a potential in excess of 550 volts, have their base frames permanently and effectively grounded.

Must, when operating at a potential of 550 volts or less, be thoroughly insulated from the ground wherever feasible. 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.

Where frame insulation is impracticable, special permission for its omission may be given in writing, in which case the frame must be permanently and effectively grounded.

d. Constant potential generators, except alternating current machines and their exciters, must be protected from excessive current by safety fuses or equivalent devices of approved design.

For two-wire D. C. generators, single-pole protection will be considered as satisfying the above rule, provided the safety device is so located and connected that the means for opening same is actuated by the entire generator current, and the action thereof will completely open the generator circuit.

For two-wire D. C. generators used in conjunction with balancer sets to obtain a neutral for three-wire systems, a protective device must be installed, which in case of the excessive unbalancing of voltages will operate to disconnect the three-wire system.

If a generator, not electrically driven, in a two-wire system has one terminal grounded, the safety device above mentioned must be placed in the grounded lead.

For three-wire direct-current generators compound or shunt wound, a safety device must be placed in each armature lead, and so connected as to receive the entire current from the armature. Fuses will not be acceptable. The safety device must consist of either: (1) A double pole, double coil, overload circuit breaker, or (2) a four-pole circuit breaker connected in the main and equalizer leads, and tripped by means of two overload devices, one in each armature lead.

The safety devices above required must be so interlocked that no pole can be opened without simultaneously disconnecting both sides of the armature from the system.

e. 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.

f. Terminal blocks when used on generators must be made of approved non-combustible, non-absorbent, insulating material, such as slate, marble or porcelain.

g. The use of soft rubber bushings to protect the lead wires coming through the frames of generators is permitted, except when installed where oils, grease, oily vapors or other substances known to have rapid deleterious effect on rubber, are present in such quantities and in such proximity to motor or dynamo as may cause such bushings to be liable to rapid destruction. In such cases hard wood, properly filled, or preferably porcelain or micaite bushings must be used.

##### 2. Conductors.

(For construction rules see Nos. 49 to 57.)

From generators to switchboards, rheostats or other instruments, and thence to outside lines:—

a. Must be in plain sight or readily accessible. Wires from generator on switchboard may, however, be placed in a run-way in the brick or cement pier to which the generator stands. When protection against moisture is necessary, lead-covered cable or iron conduit must be used.

b. Must have an approved insulating covering as called for by rules in Class "C" for similar work, except that in central stations, on exposed circuits, the wire which is used must have a heavy-braided, non-combustible outer covering.

Bus bars may be made of bar metal.

Wires with inflammable outer braiding, when brought close together, as in the rear of switchboards, must, when required, be each surrounded with a tight, non-combustible outer cover.

Flame proofing must be stripped back on all cables a sufficient amount to give the necessary insulation distances for the voltage of the circuit on which the cable is used.

c. Must, where not in a conduit, be kept so rigidly in place that they cannot come in contact.

d. Must in all other respects be installed with the same precautions as required by rules in Class "C" for wires carrying a current of the same volume and potential.

e. In wiring switchboards, the ground detector, voltmeter, pilot lights and potential transformers must be connected to a circuit of not less than No. 14 B. & S. gage wire that is protected by an approved fuse, this circuit not to carry over 660 watts.

For the protection of instruments and pilot lights on switchboards, approved N. E. Code Standard Enclosed Fuses are preferred, but approved enclosed fuses of other designs of not over two (2) amperes capacity, may be used.

##### 3. Switchboards.

a. Must be so placed as to reduce to a minimum the danger of communicating fire to adjacent combustible material.

Switchboards must not be built up to the ceiling, a space of three feet being left, if possible, between the ceiling and the board. The space back of the board must be kept clear of rubbish and not used for storage purposes.

b. Must be made of non-combustible material.

c. 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.

If the wiring is on the back, there must be a clear space of at least eighteen inches between the wall and the apparatus on the board, and even if the wiring is entirely on the face, it is much better to have the board set out from the wall.

d. Must be kept free from moisture.

e. Wires with inflammable outer braiding, when brought close together, as in the rear of switchboards, must, when required, be each surrounded with a tight, non-combustible outer cover.

Flame proofing must be stripped back on all cables a sufficient amount to give the necessary insulation distances for the voltage of the circuit on which the cable is used.

##### 4. Resistance Devices.

(For construction rules see Nos. 78 and 79.)

a. Must be placed on a switchboard, or at a distance of at least one foot from combustible material, or separated therefrom by a slab or panel of non-combustible, non-absorbent insulating material such as slate, soapstone or marble, somewhat larger than the rheostat, which must be secured in position independently of the rheostat supports. Bolts for supporting the rheostat shall be countersunk at least 1-8 inch below the surface at the back of the slab and the bolt heads shall be covered with insulating material. For proper mechanical strength, slab should be of a thickness consistent with the size and weight of the rheostat, and in no case to be less than 1-2 inch.

If resistance devices are installed in rooms where dust or combustible flyings are liable to accumulate on them, they must be equipped with dust-proof face-plates.

b. Where protective resistances are necessary to connection with automatic rheostats, incandescent lamps may be used, provided that they do not carry or control the main current nor constitute the regulating resistance of the device.

When so used, lamps 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. They 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 candlepower and voltage of the lamp or lamps to be used in each receptacle.

Under special authorization in writing, given in advance, incandescent lamps may be used for the purpose of resistances in series with other devices when mounted in porcelain receptacles upon non-combustible supports and so arranged that they cannot have impressed upon them a voltage greater than that for which they are rated.

c. Wherever insulated wire is used for connection between resistance elements and the contact device of a rheostat, the insulation must be non-combustible or "slow burning." For large field rheostats and similar resistances, where the contact devices are not mounted upon them, the connecting wires having "slow burning" insulation may be so arranged in groups that the maximum difference of potential between any two wires in a group shall not exceed 75 volts. Each group of wires must either be mounted on non-combustible, non-absorbent insulators giving at least 1-2 inch separation from injury wired over, or, especially where it is necessary to protect same from mechanical injury each group of wires may be encased in approved flexible tubing and placed in approved conduit, the flexible tubing to extend at least one inch beyond the ends of the conduit.

##### 5. Lightning Arresters.

(For construction rules see No. 82.)

a. Must be attached to each wire of every overhead circuit connected with the station.

b. Must be located in readily accessible places away from combustible materials, and as near as practicable to the point where the wires enter the building.

In all cases, kinks, coils and sharp bends in the wires between the arresters and the outdoor lines must be avoided as far as possible.

c. 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. gage 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 the buildings nor be run inside of iron pipes.

d. All choke coils or other attachments, inherent to the lightning protection equipment, shall have an insulation from the ground or other conductors equal at least to the insulation demanded at other points of the circuit in the station.

##### 6. Care and Attendance.

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

b. Oily waste must be kept in approved waste cans and removed daily.

##### 7. Testing of Insulation Resistance.

a. All circuits except such as are permanently grounded in accordance with No. 15 must be provided with reliable ground detectors. Detectors which indicate continuously and give an instant and permanent indication of a ground are preferable. Ground wires from detectors must not be attached to gas pipes within the building.

b. Where, continuously indicating detectors are not feasible, the circuits should be tested at least once per day, and preferably oftener.

##### 8. Motors.

a. Must, when operating at a potential in excess of 550 volts, have no exposed live metal parts, and have their base frames permanently and effectively grounded.

Motors operating at a potential of 550 volts or less must be thoroughly insulated from the ground wherever feasible. 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. Where frame insulation is impracticable, special permission, in writing, may be given for its omission, in which case the frame must be permanently and effectively grounded.

b. Motors operating at a potential of 550 volts or less must be wired with the same precautions as required by rules in Class "C" for wires carrying a current of the same volume.

Motors operating at a potential between 550 and 3,500 volts must be wired with approved multiple conductor, metal sheathed cable in approved unlined metal conduit firmly secured in place. The metal sheath must be permanently and effectively grounded, and the construction and installation of the conduit must conform to rules for interior conduits (see No. 28), except that at outlets approved outlet bushings shall be used.

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. Where the wires under this rule would be overfused in order to provide for the starting current, as in the case of many of the alternating current motors, the wires must be of such size as to be properly protected by these larger fuses.

The current used in determining the size of varying speed alternating current motor leads or branch circuits must be the percentage of the 30-minute current rating of the motor as given for the several classifications of service in the following table:

Classification of Services.	Percentage of Current Rating of Motor.
Operating valves, raising or lowering rolls, tool heads, etc.....	200
Hoists, rolls, ore and coal-handling machines.....	180
Freight elevators, shop cranes.....	160
Passenger elevators.....	140
Rolling tables, pumps.....	120

The insulation of the several conductors for high-potential motors, where leaving the metal sheath at outlets, must be thoroughly protected from moisture and mechanical injury. This may be accomplished by means of a pot head or some equivalent method. The conduit must be substantially bonded to the metal casings of all fittings and apparatus connected to the inside high-tension circuit.

Where outside wires directly enter the motor room, special permission, in writing, must be obtained to install the wires for high-potential motors according to the general rules for high-potential systems.

e. Each motor and resistance box must be protected by a cut-out and controlled by a switch (see No. 19 a), said switch plainly indicating whether "on" or "off" (except as provided for electric cranes, see No. 43 c). Small motors may be grouped under the protection of a single set of fuses, provided the rated capacity of the fuses does not exceed 6 amperes. With motors of one-fourth horse power or less, on circuits where the voltage does not exceed 300, single pole switches may be used as allowed in No. 24 c. The switch and rheostat must be located within sight of the motor, except in cases where special permission in writing is given to locate them elsewhere.

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

Overload-release devices on motor-starting rheostats will not be considered to take the place of the cut-out required by this section.

An automatic circuit-breaker disconnecting all wires of the circuit may serve as both switch and cut-out.

Where rubber-covered wire is used for the leads or branches of A. C. motors of the types requiring large starting currents, the wire may be protected in accordance with Table B of No. 18, except when circuit-breakers are installed which are equipped with time-element devices.

d. Rheostats must be so installed as to comply with all the requirements of No. 4.

Auto starters must comply with requirements of No. 4 c. Auto starters, unless equipped with tight casings enclosing all current-carrying parts, in all wet, dusty or linty places, must be enclosed in dust-tight, fireproof cabinets. Where there is any liability of short circuits across their exposed live parts due to accidental contacts, a railing must be erected around them.

e. Must not be run in series-multiple or multiple-series, except on constant-potential systems, and then only by special permission.

f. Must be covered with a waterproof cover when not in use, and, if deemed necessary, must be enclosed in an approved case.

Such enclosures must be readily accessible, dust-proof and sufficiently ventilated to prevent an excessive rise of temperature. Where practicable the sides should be made largely of glass, so that the motor may be always plainly visible.

The use of enclosed type motors is recommended in dusty places, being preferable to wooden boxing.

Where deemed necessary, motors permanently located on wooden floors must be provided with suitable drip pans.

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

h. 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.

All varying (or variable) speed alternating current motors except those used for railway service must be marked with the maximum current which they can safely carry for 30 minutes, starting cold.

i. Terminal blocks, when used on motors, must be made of approved non-combustible, non-absorptive insulating material, such as slate, marble or porcelain.

j. Adjustable-speed motors, unless of special and appropriate design, if controlled by means of field regulation, must be so arranged and connected that they cannot be started under weakened field.

k. The use of soft rubber bushings to protect the lead wires coming through the frame of motors is permitted, except when installed where oils, grease, oily vapors or other substances known to have rapid deleterious effect on rubber are present in such quantities and in such proximity to motors as may cause such bushings to be liable to rapid destruction. In such cases hardwood properly filled, or preferably porcelain or micanite bushings must be used.

#### 9. Railway Power Plants.

a. Each feed wire before it leaves the power plant must be protected by an approved automatic circuit-breaker or other device, which will immediately cut off the current in case of an accidental ground. This device must be mounted on a fireproof base, and in full view and reach of the attendant.

#### 10. Storage or Primary Batteries.

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

b. Storage battery rooms must be thoroughly ventilated.

c. Special attention is directed to the rules for wiring in rooms where acid fumes exist (see No. 26, i and j).

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

e. The use of any metal liable to corrosion must be avoided in cell connections of secondary batteries.

#### 11. Transformers.

(See also, Nos. 14, 15, 36 and 45. For construction rules see No. 81.)

a. 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.

b. In central or sub-stations casings of all transformers must be permanently and effectively grounded.

Transformers used exclusively to supply current to switchboard instruments need not be grounded, provided they are thoroughly insulated.

Class B—Outside Work.  
(Light, Power and Heat. For Signaling Systems, see Class E.)  
All Systems and Voltages.

#### 12. Wires.

a. Line wires must have an approved weatherproof or rubber insulating covering.

b. Must for services of No. 6 B. & S. gage or smaller consist of approved rubber covered multiple conductor cables and must enter the building in the manner prescribed by the second paragraph of No. 12 f. If necessary to carry the service line across

the face of the building before entering, the approved service cable may be extended in flexible metal conduit, or a waterproof conduit system must be employed.

c. Must be at least seven feet above the highest point of flat roofs, and at least one foot above the ridge of pitched roofs over which they pass or to which they are attached and roof structures must be substantially constructed. Roof lines will be permitted only under special authorization in writing.

d. Must, where exposed to the weather, be provided with petticoat insulators of glass or porcelain; porcelain knobs or cleats and rubber hooks will not be approved. (For exception, see No. 31 B). Wires on the exterior walls of buildings must have a rubber insulating covering, be kept at least one foot apart and must be supported at least every fifteen feet, the distance between supports to be shortened if wires are liable to be disturbed.

Where not exposed to the weather, low-potential wires may be supported on glass or porcelain knobs which will separate the wires at least one inch from the surface wired over, supports to be placed at least every four and one-half feet.

e. 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.

All joints must be soldered, unless made with some form of approved splicing device.

f. Must, where 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.

For low-potential systems the service wires may be brought into buildings through a single iron conduit. The conduit to be equipped with an approved service-head. The inner end must extend to the service cut-out, and if a cabinet is required by the Code must properly enter the cabinet.

g. Electric light and power wires must not be placed on the same cross-arm with telegraph, telephone or similar wires, and when placed on the same pole with such wires the distance between the two inside pins of each cross-arm must not be less than twenty-six inches.

Electric light and power wires must not be placed on the same pole with telegraph, telephone or similar wires unless the former are placed above the latter and separated therefrom by a vertical distance of at least forty inches, and unless the voltage does not exceed the following normal operating values:

Constant potential metallic circuits.....	5,000 volts
Alternating current series circuits.....	5,000 "
Direct current series circuits.....	7,500 "
Direct current railway circuits.....	700 "

On pole lines of modern substantial construction where the current employed is not greater than 7 1-2 amperes per circuit, a maximum voltage of 10,000 may be permitted on alternating or direct current series circuits under special permission in writing, given in advance, and after plans of the line construction have been submitted and approved by the Commissioner.

In the event of electric light or power wires passing down a pole carrying signal wires, the former must either be enclosed in a grounded metallic covering or be provided with special insulation approved for this location, from the lower electric light cross-arm to the ground or to a point three feet from the centre of the pole, measured horizontally. Approved insulating material must be placed over the grounded metallic shields wherever directed by the Commissioner. In lieu of the above, twin conductor wire, with insulation specially approved for the location, may be run vertically on pins or brackets down the pole and drawn taut and fastened upon standard insulators. This wire shall be firmly held at a distance of not less than five inches from the surface of the pole.

Most arms and other conducting fixtures or rigging must be grounded, unless provided with insulation specially approved for these appliances. Transformer cases must be grounded unless the secondary circuits are grounded.

Transformers must not extend below and cable boxes must not extend above their respective cross-arms, unless the distance between the two groups of cross-arms be suitably increased.

Most arms, etc., transformers with ungrounded secondaries, and shields for conductors running down the pole must be grounded at the pole to which they are attached.

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

#### Trolley Wires.

i. Must not be smaller than No. 0 B. & S. gage copper or No. 4 B. & S. gage silicon bronze, and must readily stand the strain put upon them when in use.

j. Must have a double insulation from the ground. In wooden pole construction the pole will be considered as one insulation.

k. Must be capable of being 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. This rule also applies to feeders.

l. Must be safely protected against accidental contact where crossed by other conductors.

Where guard wires are used they must be insulated from the ground and electrically disconnected in sections of not more than 300 feet in length.

#### 13. Pole Lines.

a. Not more than one pole line for electric light and power and one pole line for electric signalling shall be placed on any street. This rule shall not be interpreted to forbid the use of an independent system of poles for the support of trolley wires.

b. Poles must be set about twelve inches back from the curb line and at least ten feet from any street lamp, hydrant, tree or other pole. Departure from this rule may be authorized only under special permission in writing.

c. All poles must be painted as directed by the Commissioner, and must be branded or stamped with some device indicating their ownership at a point not less than five feet nor more than seven feet from the ground; and each cross-arm and, where necessary, each pin must indicate its ownership through the use of some distinguishing mark, paint, fastening or type of insulator. Approved high tension insulators must be employed for the support of extra high potential wires.

d. Wires must be strung with a minimum clearance of eighteen feet above the surface of the street.

e. All wires which would normally pass within four inches of any pole, building or other object must be provided with approved extra insulation or must be attached to the object by means of an approved insulator.

f. Guy wires must be kept at least eight feet above the surface of the street and, if attached at either end to a pole carrying electric light and power wires, must have a strain insulator inserted at that end. Except with the consent of the Park Commissioner having jurisdiction, no guy wire may be attached to any tree located upon a highway or other public place. Anchor guys may be authorized only under special permission in writing.

#### 13 A. Subways.

a. A watchman must be continuously on duty at open manholes and, where traffic conditions permit, a guard frame must be placed at the opening.

b. Upon opening a manhole special precautions must be taken to prevent the ignition of gas that may have accumulated therein.

#### 13 B. Services.

a. Each premises shall be supplied by a separate service entering on the side nearest to the point of supply on the main.

b. Where a row of separate premises is to receive its supply from an overhead main one service cable shall be run from the pole to the row, and from the first attachment to the building sub-services or a service main shall extend in conduit along the face of the row. One service cable shall supply not more than five premises except under special permission in writing, given in advance.

The same plan of sub-services may be employed in connection with underground services, under the same restrictions.

#### 14. Transformers.

(See also, Nos. 11, 15, 36 and 45. For construction rules see No. 81.)

a. Must not be attached to any building when the potential exceeds 550 volts, except by special permission, and when attached to buildings must be separated therefrom by substantial supports.

#### 15. Grounding Low-Potential Circuits.

##### Direct-Current Three-Wire Systems.

a. Neutral wire must (except where supplied from private industrial power or lighting plants where the primary voltage does not exceed 550 volts) be grounded and the following rules must be complied with:—



1. Must be permanently and effectively grounded at the Central Station. The ground connection must include all available underground complete metallic piping systems.

2. In underground systems the neutral wire must also be grounded at each distributing box through the box.

3. In overhead systems the neutral wire must be grounded every 500 feet, as provided in Sections c to g.

**Alternating-Current Secondary Systems.**

b. Transformer secondaries of distributing systems must be grounded, provided the maximum difference of potential between the grounded point and any other point in the circuit does not exceed 320 volts. The following rules must be complied with:—

1. The grounding must be made at the neutral point or wire, whenever a neutral point or wire is accessible.

2. When no neutral point or wire is accessible one side of the secondary circuit must be grounded.

3. The ground connection must be at the transformers or on the individual service as provided in Sections c to g, and when transformers feed systems with a neutral wire, the neutral wire must also be grounded at least every 500 feet.

**Ground Connections.**

c. When the ground connection is inside of any building, or the ground wire is inside of, or attached to any building (except Central or Sub-stations) the ground wire must be of copper and have an approved rubber insulating covering, National Electrical Code Standard, for from 0 to 600 volts.

d. 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. gage elsewhere. The ground wire in alternating current systems must never be less than No. 6 B. & S. gage.

On three-phase systems the ground wire must have a carrying capacity equal to that of any one of the three mains.

e. The ground wire must, except for Central Stations and transformer sub-stations, be kept outside of buildings as far as practicable, but may be directly attached to the building or pole by cleats or straps or on porcelain knobs. Staples must never be used. The wire must be carried in as nearly a straight line as practicable, avoiding kinks, coils and sharp bends, and must be protected when exposed to mechanical injury.

f. The ground connection for Central Stations, transformer sub-stations, and banks of transformers must be permanent and effective and must include all available underground piping systems including the lead sheath of underground cables.

g. For individual transformers and building services, the ground connection may be made as in Section f, or may be made to water piping systems running into buildings. With overhead service, this connection may be made by carrying the ground wires into the cellar and connecting on the street side of meters, main cocks, etc.

Where the service enters the cellar or basement, this connection may be made by carrying the ground wire through the cellar or basement and connecting as above.

Where the ground wire is run through any part of a building, unless run in approved conduit, it shall be protected by porcelain bushings through walls or partitions and shall be run in approved moulding, except that in basements it may be supported on porcelain.

Connections should not be made to piping systems which have cement joints, but should only be made to complete metallic pipe systems.

**Class C.—Inside Work.**  
(Including All Work for Light, Power and Heat Protected by Service Cut-Out and Switch. For Signaling Systems see Class E.)  
All Systems and Voltages.  
General Rules.

16. Wires.  
(See also, Nos. 17, 18, 20, 26, 27, 44, 47 and 48. For construction rules see Nos. 49 to 57.)

a. Must not be of smaller size than No. 14 B. & S. gage, except as allowed for fixture work and pendant cord.

b. Conductors of size No. 8 B. & S. gage or over used in connection with solid knobs must be securely tied thereto. If wires are used for tying they must have an insulation of the same type as the conductors they confine. Solid knobs or strain insulators must be used for all wires at the end of runs where conductors are terminated. Split knobs or cleats must be used for the support of conductors smaller than No. 8 B. & S. gage, except at the end of runs.

Knobs or cleats which are arranged to grip the wire must be fastened by either screws or nails. If nails are used, they must be long enough to penetrate the wood-work not less than one-half the length of the knob and fully the thickness of the cleat, and must be provided with washers which will prevent under reasonable usage, injury to the knobs or cleats.

c. Must be so spliced or joined as to be both mechanically and electrically secure without solder. The joints must then be soldered unless made with some form of approved splicing device, and covered with an insulation equal to that on the conductors.

Stranded wires (except in flexible cords) 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. gage they must be soldered into lugs for all terminal connections, except where an approved solderless terminal connector is used.

d. Must be separated from contact with walls, floors, timbers or partitions through which they may pass by non-combustible, non-absorptive insulating tubes, such as glass or porcelain, except at outlets where approved flexible tubing is required.

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 wire absolutely out of contact with the pipe.

e. Where not enclosed in approved conduit, moulding or armored cable, and where liable to come in contact with gas, water or other metallic piping or other conducting material, must be separated therefrom by some continuous and firmly fixed non-conductor creating a permanent separation. Must not come nearer than two (2) inches to any other electric lighting, power or signaling wire, not enclosed as above, without being permanently separated therefrom by some continuous and firmly fixed non-conductor. The non-conductor used as a separator must be in addition to the regular insulation on the wires. Where tubes are used they must be securely fastened at the ends to prevent them from moving along the wire.

Deviation from this rule may, when necessary, be allowed by special permission.

f. Must be so placed in wet places 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. Wires should be run over, rather than under, pipes upon which moisture is likely to gather or which, by leaking, might cause trouble on a circuit.

g. The installation of electrical conductors in wooden moulding, or on insulators, in elevator shafts will not be approved, but conductors may be installed in such shafts if encased in approved metal conduits or armored cables.

17. Underground Conductors.

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

b. Must not be so arranged as to shunt the current through a building around any catch-box.

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

d. No underground service from a subway to a building and no service from a private generating plant shall supply more than one building, except by special permission. Where one or more buildings are supplied from another, the conductors are to be carried outside the buildings. Conductors carried under two inches of concrete under a building or buried back of two inches of concrete or brick within a wall are considered as lying outside the building.

18. Table of Allowable Carrying Capacities of Wires.  
(For construction rules see Nos. 49 to 57.)

a. The following table, showing the allowable carrying capacities of copper wires and cables of ninety-eight per cent. conductivity, according to the standard adopted by the American Institute of Electrical Engineers, must be followed in placing interior conductors.

For insulated aluminum wire the safe carrying capacity is eighty-four per cent. of that given in the following tables for copper wire with the same kind of insulation.

B. & S. G.	Table A. Rubber Insulation.	Table B. Other Insulations.	Circular Mils.
	Amperes.	Amperes.	
18.....	3	5	1,624
16.....	6	10	2,583
14.....	15	20	4,107
12.....	20	25	6,530
10.....	25	30	10,380
8.....	35	50	16,510
6.....	50	70	26,250
5.....	55	80	33,100
4.....	70	90	41,740
3.....	80	100	52,630
2.....	90	125	66,370
1.....	100	150	83,690
0.....	125	200	105,500
00.....	150	225	133,100
000.....	175	275	167,800
0000.....	225	325	211,600
Circular Mils.			
200,000.....	200	300	
300,000.....	275	400	
400,000.....	325	500	
500,000.....	400	600	
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	

19. Switches, Cut-Outs, Circuit-Breakers, Etc.

a. On constant-potential circuits, all service switches and all switches controlling circuits supplying current to motors or heating devices, and all fuses, unless otherwise provided (for exceptions as to switches see Nos. 8 c, 25 a and 43 c; for exceptions as to cut-outs see No. 23 a and b) must be so arranged that the fuses will protect and the opening of the switch will disconnect all of the wires; that is, in the two-wire system the two wires, and the three-wire system the three wires, must be protected by the fuses and disconnected by the operation of the switch.

When installed without other automatic overload protective devices automatic overload circuit breakers must have the poles and trip coils so arranged as to afford complete protection against overloads and short circuits, and if also used in place of the switch must be so arranged that no one pole can be opened manually without disconnecting all the wires.

This, of course, does not apply to the grounded circuit of street railway systems.

b. Must not be placed where exposed to mechanical injury nor in the immediate vicinity of easily ignitable stuff or where exposed to inflammable gases or dust or to flyings of combustible material.

Where the occupancy of a building is such that switches, cut-outs, etc., cannot be located so as not to be exposed as above, they must be enclosed in approved dust-proof cabinets with self-closing doors, except oil switches and circuit breakers which have dust-tight casings.

c. Must, when exposed to dampness, either be enclosed in a moisture-proof box or mounted on porcelain knobs. The cover of the box must be so made that no moisture which may collect on the top or sides of the box can enter it.

d. Time switches, sign flashers and similar appliances must be of approved design and enclosed in approved cabinets.

20. Limitation of Potential.

The installation in any building, except a central station, or a sub-station, or a transformer vault, of electric light or power wiring or appliances operating at a potential in excess of 750 volts is prohibited.

21. Arc Lamps.

Arc lamps must be provided at all times with glass globes surrounding the arc and securely fastened in place. Broken or cracked globes must not be used. Globes must be provided with wire netting having a mesh not exceeding 11-4 inches. The netting may be omitted where tight inner globes are employed.

23. Automatic Cut-outs (Fuses and Circuit-Breakers).  
(See also, No. 19. For construction rules see Nos. 66 and 67.)

a. Must be placed on all service wires, either overhead or underground, in the nearest accessible place to the point where they enter the building and inside the walls, and arranged to cut off the entire current from the building. Departure from this rule may be authorized only under special permission in writing.

Where the switch required by No. 24 a is inside the building, the cut-out required by this section must be placed so as to protect it.

For three-wire (not three-phase) systems the fuse in the neutral wire may be omitted, provided the neutral wire is of equal carrying capacity to the larger of the outside wires, and is grounded as provided for in No. 15.

In risks having private plants, the yard wires running from building to building are not considered as service wires, so that cut-outs would not be required where the wires enter buildings, provided that the next fuse back is small enough to properly protect the wires inside the building in question.

b. Must be placed at every point where a change is made in the size of wire [unless the cut-out in the larger wire will protect the smaller (see No. 18)].

For three-wire direct current or single phase systems the fuse in the neutral wire, except that called for under Section d, may be omitted, provided the neutral wire is grounded as provided for in No. 15.

c. Must be in plain sight or enclosed in an approved cabinet, and readily accessible. They must not be placed in the canopies or shells of fixtures.

Link fuses may be used only when mounted on approved slate or marble bases and must be enclosed in dust-tight, fire-proofed cabinets, except on switchboards.

d. Must be so placed that no set of small motors, small heating devices or incandescent lamps, whether grouped on one fixture or on several fixtures or pendants (nor more than 16 sockets or receptacles) requiring more than 660 watts will be dependent upon one cut-out.

By special permission, in cases where wiring equal in size and insulation to No. 14 B. & S. gage approved rubber-covered wire is carried direct into keyless sockets or receptacles, and where the location of sockets and receptacles is such as to render unlikely the attachment of flexible cords thereto, the circuits may be so arranged that not more than 1,320 watts (or thirty-two sockets or receptacles) will be dependent upon the final cut-out.

Except for signs and outline lighting, sockets and receptacles will be considered as requiring not less than 40 watts each.

All branches or taps from any three-wire system which are directly connected to lamp sockets or other translating devices, must be run as two-wire circuits if the fuses are omitted in the neutral, or if the difference of potential between the two outside wires is over 250 volts, and both wires of such branch or tap circuits must be protected by proper fuses.

The above shall also apply to motors, except that small motors may be grouped under the protection of a single unit of fuses, provided the rated capacity of the fuses does not exceed 10 amperes.

When 1,320 watts are dependent upon one fusible cut-out, as is allowed in theatre wiring, outline lighting and large chandeliers, the fuses may be in accordance with the following tables—

125 volts or less.....	20 amperes
125 to 250 volts.....	10 amperes



e. The rated capacity of fuses must not exceed the allowable carrying capacity of the wires as given in No. 18. Circuit-breakers must not be set more than 30 per cent. above allowable carrying capacity of the wire, unless a fusible cut-out is also installed on the circuit. Where rubber covered wire is used for the leads or branches of A. C. motors of the types requiring large starting currents, the wire may be protected in accordance with Table B of No. 18, except when circuit breakers are installed which are equipped with time element devices.

Fixture wires or flexible cord of No. 18 B. & S. gage will be considered as properly protected by 10 ampere fuses.

f. Each wire of motor circuits except on main switchboard or when otherwise subject to competent supervision, must be protected by an approved fuse whether automatic overload circuit breakers are installed or not. Single-phase motors may have one side protected by an approved automatic overload circuit-breaker only, if the other side is protected by an approved fuse.

For circuits having a maximum capacity greater than that for which enclosed fuses are approved circuit-breakers if used without fuses will be approved.

#### 24. Switches.

(See No. 19. For construction of switches see No. 65.)

a. Must be placed on all service wires, either overhead or underground, in the nearest readily accessible place, to the point where the wires enter the building, and arranged to cut off the entire current. Departure from this rule may be authorized only under special permission in writing.

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

In risks having private plants the yard wires running from building to building are not considered as service wires, so that switches would not be required in each building if there are other switches conveniently located on the mains or if the generators are near at hand.

b. Must always be placed in dry, accessible places, and be grouped as far as possible. (See No. 19 c.) Single-throw knife switches must be so placed that gravity will not tend to close them. Double-throw knife switches may be mounted so that the throw will be either vertical or horizontal as preferred, but if the throw be vertical a locking device must be provided, so constructed as to insure the blades remaining in the open position when so set.

When practicable switches must be so wired that blades will be "dead" when switch is open.

When switches are used in rooms where combustible flyings would be likely to accumulate around them, they must be enclosed in dust-tight cabinets.

c. Single pole switches must never be used as service switches, nor for the control of outdoor signs or circuits located in damp places, nor placed in the neutral wire of a three-wire system, except in the two-wire branch or tap circuit supplying not more than 660 watts.

This, of course, does not apply to the grounded circuits of Street Railway systems. Three-way switches are considered as single pole switches.

d. Where flush switches or receptacles are used, whether with conduit systems or not, they must be enclosed in an approved box constructed of iron or steel, in addition to the porcelain enclosure of the switch or receptacle. Where in floor outlets attachment plugs are liable to mechanical injury, or the presence of moisture is probable, floor outlet boxes especially designed for this purpose must be used.

e. Where possible, at all switch or fixture outlets, unless outlet boxes which will give proper support for fixtures are used, a 7-8 inch block must be fastened between studs or floor timbers flush with the back of lathing to hold tubing, and to support 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.

f. Sub-bases of non-combustible, non-absorptive, insulating material, which will separate the wires at least 1-2 inch from the surface wired over, must be installed under all snap switches used in exposed knob and cleat work. Sub-bases must also be used in moulding work, but they may be made of hardwood or they may be omitted if the switch is approved for mounting directly on the moulding.

#### 25. Electric Heaters.

a. Each heater of more than six (6) amperes or 660 watts capacity must be protected by a cut-out, and controlled by a switch or plug connector plainly indicating whether "on" or "off" and located within sight of the heater. Heaters of six (6) amperes or 660 watts capacity, or less, may be grouped under the protection of a single set of fuses, provided the rated capacity of the fuses does not exceed ten (10) amperes, or may be connected individually to lighting circuits.

b. Flexible conductors for smoothing irons and sad irons, and for all devices requiring over 250 watts, must have an approved insulation and covering complying with the requirements of No. 54 d.

c. With portable heating devices, approved plug connectors must be used, so arranged that the plug may be pulled out to open the circuit without leaving any live parts so exposed as to render likely accidental contact therewith. The connector may be located at either end of the flexible conductor or inserted in the conductor itself.

d. Smoothing irons, sad irons and other heating devices that are intended to be applied to combustible articles, must be provided with approved stands.

e. Stationery heaters, such as radiators, ranges, plate warmers, etc., must be so located as to furnish ample protection between the device and surrounding combustible material.

f. Must each be provided with a name-plate giving the maker's name and the normal capacity in volts and amperes.

#### LOW-POTENTIAL SYSTEMS.

550 Volts or Less.

Any circuit attached to any transforming device, machine, or combination of machines, which develops a difference of potential between any two wires, of not over 550 volts, shall be considered as a low-potential circuit, and as coming under this class. The primary circuit not to exceed a potential of 3,500 volts unless the primary wires are installed in accordance with the requirements as given in No. 13, or are underground. For 550 volt motor equipments a margin of ten per cent. above the 550 volt limit will be allowed at the generator or transformer.

#### 26. Wires.

##### General Rules.

(See also, Nos. 16, 17, 18, 20 and 27. For construction rules see Nos. 49 to 57.)

a. Where entering cabinets must be protected by approved bushings, which fit tightly the holes in the box and are well secured in place. The wires should completely fill the holes in the bushings so as to keep out the dust, tape being used to build up the wires if necessary.

b. Must not be laid in plaster, cement or similar finish, and must never be fastened with staples.

c. Must not be fished for any great distance, and only in places where the inspector can satisfy himself that the rules have been complied with.

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

e. Must where exposed to mechanical injury be suitably protected. When crossing floor timbers in cellars, or in rooms where they might be exposed to injury, wires 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. Instead of the running-boards, guard strips on each side of and close to the wires will be accepted. These strips to be not less than seven-eighths of an inch in thickness, and at least as high as the insulators.

Protection on side walls must extend not less than five feet from the floor and must consist of substantial boxing, retaining an air space of one inch around the conductors, closed at the top (the wires passing through bushel holes) or approved metal conduit or pipe of equivalent strength.

When metal conduit or pipe is used, the insulation of each wire must be reinforced by approved flexible tubing extending from the insulator next below the pipe to the one next above it, unless the conduit is installed according to No. 28 (sections c and f excepted), and the wire is approved for conduit use. The two or more wires of a circuit each with its flexible tubing (when required), if carrying alternating current must, or if direct current, may be placed within the same pipe.

f. When run in unfinished attics, will be considered as concealed, and when run in close proximity to water tanks or pipes, will be considered as exposed to moisture.

In unfinished attics wires are considered as exposed to mechanical injury, and must not be run on knobs or upper edge of joists.

#### Special Rules.

##### For Open Work.

In dry places.

g. Must have an approved rubber (type letter R. S.), slow-burning, weatherproof (type letter S. B. W.), or slow-burning insulation (type letter S. B.). Slow-burning insulation may be used only in permanently dry locations and under special permission in writing, given in advance.

h. 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—0 to 300; distance from surface, 1-2 inch; distance between wires, 2 1-2 inches.

Voltage—301 to 550; distance from surface, 1 inch; distance between wires, 4 inches.

Rigid supporting requires under ordinary conditions, where wiring along flat surfaces, supports at least every four and one-half feet. If the wires are liable to be disturbed, the distance between supports must be shortened. In buildings of mill construction, mains of not less than No. 8 B. & S. gage, where not liable to be disturbed, may be separated about six inches, and run from timber to timber, not breaking around, and may be supported at each timber only.

Must not be "dead-ended" at a rosette socket or receptacle unless the last support is within twelve inches of the same.

In damp places, or buildings specially subject to moisture or to acid or other fumes liable to injure the wires of their insulation.

i. Must have an approved insulating covering.

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

j. Must be rigidly supported on non-combustible, non-absorptive insulators, which separate the wire at least one inch from the surface wired over, and must be kept apart at least two and one-half inches for voltages up to 300, and four inches for higher voltages.

Rigid supporting requires under ordinary conditions, where wiring over flat surfaces, supports at least every four and one-half feet. If the wires are liable to be disturbed, the distance between supports must be shortened. In buildings of mill construction, mains of not less than No. 8 B. & S. gage, where not liable to be disturbed, may be separated about six inches, and run from time to time, not breaking around, and may be supported at each timber only.

##### For Metal Moulding Work.

(See No. 29. For construction of Mouldings see No. 60.)

k. Must have an approved rubber insulating covering (Type Letter R. S.), and must be in continuous lengths from outlet to outlet, or from fitting to fitting, no joints or taps to be made in moulding. Where branch taps are necessary in moulding work approved fittings for this purpose must be used.

l. Must never be placed in moulding in damp locations; must never be placed in moulding in concealed locations or where the difference of potential between any two wires in the same system is over 300 volts. When the electrical construction is being carried out in moulding, permission will be given to extend these mouldings through walls and partitions, if the moulding and capping are in continuous lengths where passing through the walls and partitions. Mouldings must not be used for circuits requiring more than 1,320 watts of energy.

m. Must for alternating current systems if in metal moulding have the two or more wires of a circuit installed in the same moulding.

##### For Conduit Work.

n. Must have an approved rubber insulating covering (type letter R. D.); and must within the conduit tubing be without splices or taps, and must be provided with a lead covering if the conduit is installed in a damp place and is not watertight.

o. Must not be drawn in until all mechanical work on the building has been, as far as possible, completed.

Conductors in vertical conduit risers must be supported within the conduit system in accordance with the following table:

No. 14 to 0 every 100 feet.

No. 00 to 0000 every 80 feet.

0000 to 350,000 C. M. every 60 feet.

350,000 C. M. to 500,000 C. M. every 50 feet.

500,000 C. M. to 750,000 C. M. every 40 feet.

750,000 C. M. every 35 feet.

The following methods of supporting cables are recommended:

1. A turn of 90 degrees in the conduit system will constitute a satisfactory support.

2. Junction boxes may be inserted in the conduit system at the required intervals, in which insulating supports of approved type must be installed and secured in a satisfactory manner so as to withstand the weight of the conductors attached thereto, the boxes to be provided with proper covers.

3. Cables may be supported in approved junction boxes on two or more insulating supports so placed that the conductors will be deflected at an angle of not less than 90 degrees, and carried a distance of not less than twice the diameter of the cable from its vertical position. Cables so suspended may be additionally secured to these insulators by tie wires.

Other methods may be used, if specially approved.

p. Must, for alternating systems, have the two or more wires of a circuit drawn in the same conduit.

Except in the case of stage pocket and border circuits the same conduit must not contain more than four two-wire, or three three-wire circuits of the same system, except by special permission, and must never contain circuits of different systems.

##### For Concealed "Knob and Tube" Work.

q. The installation of concealed knob and tube work is prohibited.

##### For Fixture Work.

r. Must not be smaller than No. 18 B. & S. gage and must have an approved rubber insulating covering (see No. 55).

In wiring certain designs of show-case fixtures, ceiling bulls-eyes and similar appliances in which the wiring is exposed to temperatures in excess of 120 degrees Fahrenheit (49 degrees Centigrade), from the heat of the lamps, approved slow-burning wire may be used. All such forms of fixtures must be submitted for examination, test and approval before being introduced for use.

s. Supply conductors, and especially the splices to fixture wires, must be kept clear of the grounded part of gas pipes, and, where shell or outlet boxes are used, they must be made sufficiently large to allow the fulfillment of this requirement.

t. Must, when fixtures are wired outside, be so secured as not to cut or abraded by the pressure of the fastenings or motion of the fixture.

u. Wires of different systems must never be contained in or attached to the same fixture and 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.

##### 27. Armored Cables.

(For construction of Armored Cables see No. 57.)

a. Must be continuous from outlet to outlet or to junction boxes, and the armor of the cable must properly enter and be secured to all fittings, and the entire system must be mechanically secured in position.

In case of service connections and main runs, this involves running such armored cables continuously into a main cut-out cabinet or gutter surrounding the panel board, as the case may be.

b. Must be equipped at every outlet with an approved outlet box or plate, as required in conduit work.

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

For concealed work in walls and ceilings composed of plaster on wooden joist or stud construction, outlet boxes or plates and also cut-out cabinets must be so installed that the front edge will not be more than one-fourth inch back of the finished surface of the plaster, and if this surface is broken or incomplete it shall be repaired so that it will not show any gaps or open spaces around the edges of the outlet box or plate or of the cut-out cabinet. On wooden walls or ceilings, outlet boxes or plates and cut-out cabinets must be so installed that the front edge will either be flush with the finished surface or project therefrom. This will not apply to concealed work in walls or ceilings composed of concrete, tile or other non-combustible material.

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 permission, provided the armored cable is firmly and rigidly secured in place.

c. Must have the metal armor of cables permanently and effectually grounded to water piping, gas piping or other suitable grounds, provided that when connections



are made to gas piping they must be on the street side of the meter. If the armored cable system consists of several separate sections, the sections must be bonded to each other, and the system grounded, or each section may be separately grounded, as required above.

The armor of cables and gas pipes must be securely fastened in outlet boxes, junction boxes and cabinets, so as to secure good electrical connection.

If armor of cables and metal of couplings, outlet boxes, junction boxes, cabinets or fittings, having protective coating of non-conducting material, such as enamel, are used, such coating must be thoroughly removed from threads of both couplings and the armor of cables, and from surfaces of the boxes, cabinets and fittings where the armor of cables or ground clamp is secured in order to obtain the requisite good connection. Grounded pipes shall be cleaned of rust, scale, etc., at place of attachment of ground clamp.

Connections to grounded pipes and to armor of cables must be exposed to view or readily accessible, and must be made by means of approved ground clamps, to which the ground wires must be soldered.

Ground wires must be of copper, at least No. 10 B. & S. gage (where largest wire contained in cable is not greater than No. 0 B. & S. gage), and need not be greater than No. 4 B. & S. gage (where largest wire contained in cable is greater than No. 0 B. & S. gage). They shall be protected from mechanical injury.

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

The lead covering is not to be required when the cable is run against brick walls or laid in ordinary plaster walls unless same are continuously damp.

e. Where entering junction boxes, and at all other outlets, etc., 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.

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

g. For alternating current systems must have the two or more conductors of the circuit enclosed in one metal armor.

h. All bends must be so made that the armor of the cable will not be injured. The radius of the curve of the inner edge of any bend not to be less than 1 1/2 inches.

28. Interior Conduits.  
(See also, No. 26 n to p. For construction of Conduit see No. 58, and for construction of Outlet, Junction and Flush Switch Boxes see No. 59.)

a. No conduit smaller than one-half inch, electrical trade size, shall be used. Measurements to be taken inside of metal conduits.

b. Must be continuous from outlet to outlet or to junction boxes or cabinets, and the conduit must properly enter, and be secured to all fittings and the entire system must be mechanically secured in position.

In case of service connections in main runs, this involves running each conduit continuously into a main cut-out cabinet or gutter surrounding the panel board, as the case may be. Departure from this rule may be authorized in case of underground services by special permission.

c. Must be first installed as a complete conduit system, without the plate.

d. Must be equipped at every outlet with an approved outlet box or plate. At exposed ends of conduit (but not at fixture outlets) where wires pass from the conduit system without splice, joint or tap, an approved fitting having separately bushed holes for each conductor must be used. Departure from this rule may be authorized by special permission.

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

For concealed work in walls and ceilings composed of plaster on wooden joist or stud construction, outlet boxes or plates and also cut-out cabinets must be so installed that the front edge will not be more than one-fourth inch back of the finished surface of the plaster, and if this surface is broken or incomplete it shall be repaired so that it will not show any gaps or open spaces around the edges of the outlet box or plate or of the cut-out cabinet. On wooden walls or ceilings, outlet boxes or plates and cut-out cabinets must be so installed that the front edge will either be flush with the finished surface or project therefrom. This will not apply to concealed work in walls or ceilings composed of concrete, tile or other non-combustible material.

In buildings already constructed where the conditions are such that neither outlet box nor plate can be installed, these appliances may be omitted providing the conduit ends are bushed and secured.

e. Metal conduits where they enter junction boxes, and at all other outlets, etc., must be provided with approved bushings or fastening plates fitted so as to protect wire from abrasion, except when such protection is obtained by the use of approved nipples, properly fitted in boxes or devices.

f. Must have the metal of the conduit permanently and effectually grounded to water piping, gas piping or other suitable grounds, provided that when connections are made to gas piping, they must be on the street side of the meter. If the conduit system consists of several separate sections, the sections must be bonded to each other, and the system grounded, or each section may be separately grounded, as required above. Where short sections of conduit (or pipe of equivalent strength) is used for the protection of exposed wiring on side walls, and such conduit or pipe and wiring is installed as required by No. 26 e, the conduit or pipe need not be grounded.

Conduits and gas pipes must be securely fastened in outlet boxes, junction boxes and cabinets, so as to secure good electrical connections.

If conduit couplings, outlet boxes, junction boxes, cabinets or fittings, having protective coating of non-conducting material such as enamel are used, such coating must be thoroughly removed from threads of both couplings and conduit, and such surfaces of boxes, cabinets and fittings where the conduit or ground clamp is secured in order to obtain the requisite good connection. Grounded pipes should be cleaned of rust, scale, etc., at place of attachment of ground clamp.

Connections to grounded pipes and to conduit must be exposed to view or readily accessible, and must be made by means of approved ground clamps to which the ground wires must be soldered.

Ground wires must be of copper at least No. 10 B. & S. gage (where largest wire contained in conduit is not greater than No. 0 B. & S. gage), and need not be greater than No. 4 B. & S. gage (where largest wire contained in conduit is greater than No. 0 B. & S. gage). They shall be protected from mechanical injury.

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

h. 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 not to be less than three and one-half inches. Must have not more than the equivalent of four quarter bends from outlet to outlet, the bends at the outlets not being counted.

#### 29. Metal Mouldings.

(See also, No. 26 k to m. For construction of Mouldings see No. 60.)

a. Must be continuous from outlet to outlet, to junction boxes, or approved fittings designed especially for use with metal mouldings, and must at all outlets be provided with approved terminal fittings which will protect the insulation of conductors from abrasion, unless such protection is afforded by the construction of the boxes or fittings.

b. Such moulding where passing through a floor must be carried through an iron pipe extending from the ceiling below to a point five feet above the floor, which will serve as an additional mechanical protection and exclude the presence of moisture often prevalent in such locations.

Where the mechanical strength of the moulding itself is adequate, this ruling may be modified to require the protecting piping from the ceiling below to a point at least three inches above the flooring.

Where such mouldings pass through a partition the iron pipe required for passing through floors may be omitted and the moulding passed directly through, providing the partition is dry and the moulding is in a continuous length with no joint or couplings within the partition.

c. Backing must be secured in position by screws or bolts, the heads of which must be flush with the metal.

d. Must have the metal of moulding permanently and effectually grounded to water piping, gas piping, or other suitable grounds, provided that when connections are made to gas piping, they must be on the street side of the meter. If the metal moulding system consists of several separate sections, the sections must be bonded to each other and the system grounded, or each section may be separately grounded, as required above.

Metal mouldings and gas pipes must be securely fastened to outlet boxes, junction boxes and cabinets, so as to secure a good electrical connection. Moulding must be

so installed that adjacent lengths of moulding will be mechanically and electrically secured at all points.

If metal moulding, couplings, outlet boxes, junction boxes, cabinets or fittings having protective coating of non-conducting material such as enamel are used, such coating must be thoroughly removed from threads of couplings and metal mouldings, and from the surfaces of boxes, cabinets and fittings, where the metal moulding or ground clamp is secured in order to obtain the requisite good connection. Grounded pipes should be cleaned of rust, scale, etc., at the place of attachment of the ground clamp.

Connection to grounded pipes and to metal mouldings must be exposed to view, or readily accessible, and must be made by means of approved ground clamps, to which the wires must be soldered.

Ground wires must be of copper, at least No. 10 B. & S. gage. They shall be protected from mechanical injury.

e. Must be installed so that for alternating systems the two or more wires of a circuit will be in the same metal moulding.

#### 30. Fixtures.

(See also, Nos. 24 e, 26 v to y, 55 and 76. For construction of Fixtures see No. 77.)

a. When supported at outlets in metal conduit, armored cable or metal moulding systems, or from gas piping or any grounded metal work, or when installed on metal walls or ceilings, or on plaster walls or ceilings containing metal lath, or on walls or ceilings in fireproof buildings, must be insulated from such supports by approved insulating joints placed as close as possible to the ceilings or walls. The insulating joint may be omitted in conduit, armored cable or metal moulding systems with straight electric fixtures in which the insulation of conductors is the equivalent of insulation in other parts of the system, and provided that approved sockets, receptacles or wireless clusters are used, of a type having porcelain or equivalent insulation between live metal parts and outer metal shells, if any.

Gas pipes must be protected above the insulating joint by approved insulating tubing, and where outlet tubes are used they must be of sufficient length to extend below the insulating joint, and must be so secured that they will not be pushed back when the canopy is put in place.

Where insulating joints are required, fixture canopies of metal must be thoroughly and permanently insulated from walls or ceilings, or from plaster walls or ceilings on metal lathing, and from outlet boxes.

Canopy insulators must be securely fastened in place, so as to separate the canopies thoroughly and permanently from the surfaces and outlet boxes from which they are designed to be insulated.

Fixtures having so-called flat canopies, tops or backs will not be approved for installation except where outlet boxes are used.

b. Must, when installed out doors, be of watertight construction.

c. Must not, when wired on the outside, be used in show windows or in the immediate vicinity of especially inflammable stuff.

d. Must be free from short circuits between conductors and from contacts between conductors and metal parts of fixtures, and must be tested for such conditions before being connected to supply conductors.

#### 31. Sockets.

(For construction of Sockets see No. 72.)

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

b. In damp or wet places, or where exposed to corrosive vapors, weatherproof sockets especially approved for the location must be used. Unless made up on fixtures they must be hung by separate stranded rubber-covered wires not smaller than No. 14 B. & S. gage, which should preferably be twisted together when the pendant is over three feet long.

These wires must be soldered direct to the circuit wires but supported independently of them.

c. Key sockets will not be approved if installed over specially inflammable stuff, or where exposed to flyings of combustible material.

#### 32. Flexible Cord.

(For construction of Flexible Cord see No. 54.)

a. Must have an approved insulation and covering.

b. Must not, except in street railway property, be used where the difference of potential between the two wires is over 300 volts.

c. Must not be used as a support for clusters.

d. Must not be used except for pendants, wiring of fixtures, portable lamps or motors, and portable heating apparatus.

For all portable work, including those pendants which are liable to be moved about sufficiently to come in contact with surrounding objects, flexible wires and cables especially designed to withstand this severe service must be used.

When necessary to prevent portable lamps from coming in contact with inflammable materials, or to protect them from breakage, they must be surrounded with a substantial wire guard.

e. Must not be used in show windows or show cases, except when provided with an approved metal armor. Departure from this rule, in the case of chain fixtures, may be authorized only under special permission in writing.

f. Must be protected by insulating bushings where the cord enters the socket.

g. Must be so suspended that the entire weight of the socket and lamp will be borne by some approved method 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.

#### 33. Arc Lamps on Constant-Potential Circuits.

(For construction of Arc Lamps see No. 74.)

a. Must have a cut-out (see No. 19 a) for each lamp or each series of lamps. The branch conductors must have a carrying capacity about fifty per cent. in excess of the normal current required by the lamp.

b. Must only be furnished with such resistances or regulators as are enclosed in non-combustible material, such resistances being treated as sources of heat. Incandescent lamps must not be used for this purpose.

c. Must be supplied with globes and protected by spark arresters and wire netting around the globe, as in the case of series arc lamps (see No. 21).

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

d. Lamps when arranged to be raised and lowered, either for carboning or other purposes, shall be connected up with stranded conductors from the last point of support to the lamp, when such conductor is larger than No. 14 B. & S. gage.

#### 34. Vapor Lamps.

Enclosed Mercury Vapor Lamps.

a. Must have cut-out for each lamp or series of lamps except when contained in single frame and lighted by a single operation, in which case not more than five lamps should be dependent upon single cut-out.

b. Must only be furnished with such resistances or regulators as are enclosed in non-combustible cases, such resistances to be treated as sources of heat. In locations where these resistances or regulators are subject to flyings of lint or combustible material, all openings through cases must be protected by fine wire gauze.

#### High-Potential Vacuum Tube Systems.

c. The tube must be so installed as to be free from mechanical injury or liability to contact with inflammable material.

d. High-potential coils and regulating apparatus must be installed in approved steel cabinet not less than 1-10 inch in thickness; same to be well ventilated in such a manner as to prevent the escape of any flame or sparks, in case of burnout in the various coils. All apparatus in this box must be mounted on slate base and the enclosing case positively grounded. Supplying conductors leading into this high-potential case to be installed in accordance with the standard requirements governing low-potential systems, where such wires do not carry a potential of over 300 volts.

#### 35. Economy Coils.

a. 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 in general be treated as sources of heat.

#### 36. Transformers.

(See also, Nos. 11, 14, 15 and 45. For construction of Transformers see No. 81.)



**Oil transformers:—**

a. Must not be placed inside of any building except central stations and substations, unless by special permission.

**Air cooled transformers:—**

The following sections do not apply to apparatus or fittings, the operation of which depends either wholly or in part upon special transformers embodied in the devices, but all such apparatus or fittings must be submitted for special examination and approval before being used.

b. Must not be placed inside of any building excepting central stations and substations, if the highest voltage of either primary or secondary exceeds 550 volts.

c. Must, with the exception of bell-ringing and other signaling transformers, be so mounted that the case shall be at a distance of at least one foot from combustible material or separated therefrom by non-combustible, non-absorptive, insulating material, such as slate, marble or soapstone. This will require the use of a slab or panel somewhat larger than the transformer.

**37. Decorative Lighting Systems.**

a. Special permission in writing may be given for the temporary installation of approved 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.

**38. Theater and Moving Picture Establishment Wiring.**

All wiring, apparatus, etc., not specifically covered by special rules herein given, must conform to the general requirements of this Code, and the term "theater" shall mean a building, or that part of a building regularly or frequently used for dramatic, operatic, moving picture or other performances or shows or which has a stage for such performances used with scenery or other stage appliances.

**a. Services:—**

Where supply may be obtained from two separate street mains, two separate and distinct services must be installed, one service to be of sufficient capacity to supply current for the entire equipment of theater, while the other service must be at least of sufficient capacity to supply current for all emergency lights. Where supply cannot be obtained from two separate sources, the feed for emergency lights must be taken from a point on the street side of main service fuses. By "emergency lights" are meant exit lights and all lights in lobbies, stairways, corridors, and other portions of theater to which the public have access, which are normally kept lighted during the performance.

Where source of supply is an isolated plant within same building, an auxiliary service of at least sufficient capacity to supply all emergency lights must be installed from some outside source, or a suitable storage battery within the premises may be considered the equivalent of such service.

**b. Stage:—**

All permanent construction on stage side of proscenium wall, except as hereinafter provided, must be approved conduit or armored cable.

**c. Switchboards:—**

Must be of the dead front type and made of non-combustible, non-absorptive insulating material, plans of each board to be approved before installation.

**d. Footlights:—**

Must be wired in approved conduit or armored cable, each lamp receptacle being enclosed within an approved outlet box, or the lamp receptacles may be mounted in an iron or steel box, metal to be of a thickness not less than No. 20 U. S. Sheet Metal gage, treated to prevent oxidation, so constructed as to enclose all the wires. Wires to be soldered to lugs of receptacles.

Must be so wired that no set of lamps requiring more than 1,320 watts nor more than 32 receptacles shall be dependent upon one cut-out.

**e. Borders and Proscenium Sidelights:—**

1. Must be constructed of steel of a thickness not less than No. 20 U. S. Sheet Metal gage, treated to prevent oxidation, be suitably stayed and supported, and so designed that flanges of reflectors will protect lamps.

2. Must be so wired that no set of lamps requiring more than 1,320 watts nor more than 32 receptacles shall be dependent upon one cut-out.

3. Must be wired in approved conduit or armored cable, each lamp receptacle to be enclosed within an approved outlet box, or the lamp receptacles may be mounted in an iron or steel box, metal to be of a thickness not less than No. 20 U. S. Sheet Metal gage, treated to prevent oxidation, so constructed as to enclose all wires. Wires to be soldered to lugs of receptacles.

4. Must be provided with suitable guards to prevent scenery or other combustible material coming in contact with lamps.

5. Cables for borders must be of approved type and suitably supported; conduit construction must be used from switchboard to point where cables must be flexible to permit of the raising and lowering of border.

6. For the wiring of the border proper, wire with approved slow-burning insulation must be used.

7. Borders must be suitably suspended, and if a wire rope is used same must be insulated by at least one strain insulator inserted at the border.

**f. Stage and Gallery Pockets:—**

Must be of approved type, insulated from ground and controlled from switchboard, each receptacle to be not less than 35 ampere rating for arc lamps nor 15 amperes for incandescent lamps, and each receptacle to be wired to its full capacity. Arc pockets to be wired with wire not smaller than No. 6 B. & S. gage and incandescent pockets with not less than No. 12 B. & S. gage.

Plugs for arc and incandescent pockets must not be interchangeable.

**g. Scene Docks:—**

Where lamps are installed in Scene Docks, they must be so located and installed that they will not be liable to mechanical injury.

**h. Curtain Motors:—**

Must be of ironclad type and installed so as to conform to the requirements of this Code. (See No. 8.)

**i. Control for Stage Flues:—**

In cases where dampers are released by an electric device, the electric circuit operating same must be normally closed.

Magnet operating damper must be wound to take full voltage of circuit by which it is supplied, using no resistance device, and must not heat more than normal for apparatus of similar construction. It must be located in loft above scenery, and be installed in a suitable iron box with a tight self-closing door.

Such dampers must be controlled by at least two standard single pole switches mounted within approved iron boxes provided with self-closing doors, without lock or latch, and located, one at the electrician's station, and others as designated.

**j. Dressing Rooms:—**

Must be wired in approved conduit or armored cable.

All pendant lights must be equipped with approved reinforced cord armored cable or steel armored flexible cord.

All lamps must be provided with approved guards.

**k. Portable Equipment:—**

Arc lamps used for stage effects must conform to the following requirements:—

1. Must be constructed entirely of metal except where the use of approved insulating material is necessary.

2. Must be substantially constructed, and so designed as to provide for proper ventilation, and to prevent sparks being emitted from lamps when same are in operation, and mica must be used for frame insulation.

3. Front opening must be provided with a self-closing hinged door frame, in which wire gauze or glass must be inserted, except in the case of lens lamps, where the front may be stationary, and a solid door be provided on back or side.

4. Must be so constructed that neither carbons nor live parts will be brought into contact with metal of hood during operation, and arc lamp frames and standards must be so installed and protected as to prevent the liability of their being grounded.

5. Switch on standard must be so constructed that accidental contact with any live portion of same will be impossible.

6. All stranded connections in lamp and at switch and rheostat must be provided with approved lugs.

7. Rheostats must be plainly marked with their rated capacity in volts and amperes, and, if mounted on standard, must be raised to a height of at least three inches above floor. Resistance must be enclosed in a substantial and properly ventilated metal case which affords a clearance of at least one inch between case and resistance element.

8. A competent operator must be in charge of each arc lamp, except that one operator may have charge of two lamps when they are not more than ten feet apart, and are so located that he can properly watch and care for both lamps.

**l. Bunches:—**

Must be substantially constructed of metal and must not contain any exposed wiring.

The cable feeding same must be bushed in an approved manner where passing through the metal, and must be properly secured to prevent any mechanical strain from coming on the connection.

**m. Strips:—**

Must be constructed of steel of a thickness not less than No. 20 U. S. Sheet Metal gage, treated to prevent oxidation, and suitably stayed and supported and so designed that flanges will protect lamps.

Cable must be bushed in a suitable manner where passing through the metal, and must be properly secured to prevent serious mechanical strain from coming on the connections.

Must be wired in approved conduit or armored cable, each lamp receptacle being enclosed within an approved outlet box, or the lamp receptacles may be mounted in an iron or steel box, metal to be of a thickness not less than No. 20 U. S. Sheet Metal gage, treated to prevent oxidation, so constructed as to enclose all wires. Wires to be soldered to lugs or receptacles.

**n. Portable Plugging Boxes:—**

Must be constructed so that no current carrying part will be exposed, and each receptacle must be protected by approved fuses mounted on slate or marble bases and enclosed in a fireproof cabinet equipped with self-closing doors. Each receptacle must be constructed to carry thirty amperes without undue heating, and the busbars must have a carrying capacity equivalent to the current required for the total number of receptacles, and approved lugs must be provided for the connection of the master cable.

**o. Pin Plug Connectors:—**

Must be of an approved type, so installed that the female part of plug will be on live end of cable, and must be so constructed that tension on the cable will not cause any serious mechanical strain on the connections.

**p. Portable Conductors:—**

Flexible conductors used for receptacles to arc lamps, bunches and other portable equipments must be approved stage cable, except that for the purpose of feeding a stand lamp under conditions where conductors are not liable to severe mechanical injury an approved reinforced cord may be used, provided cut-out designed to protect same is not fused over six amperes capacity.

**q. Lights on Scenery:—**

Where brackets are used they must be wired entirely on the inside, fixture stem must come through to the back of the scenery and end of stem be properly bushed.

**r. String or Festooned Lights:—**

Wiring for same must be of approved type, joints to be properly made, soldered and taped, and staggered where practicable.

Where lamps are used in lanterns or similar devices, approved guards must be employed.

**s. Special Electrical Effects:—**

Where devices are used for producing special effects such as lightning, waterfalls, etc., the apparatus must be so constructed and located that flames, sparks, etc., resulting from the operation cannot come in contact with combustible material.

**t. Auditorium:—**

All wiring must be installed in approved conduit, metal moulding or armored cable. Where receptacles are used, they must be enclosed in approved boxes.

Exit lights must not have more than one set of fuses between same and service fuses.

Exit lights and all lights in halls, corridors or any other part of the building used by audience, except the general auditorium lighting, must be fed independently of the stage lighting, and must be controlled only from the lobby or other convenient place in front of the house. All fuses must be enclosed in approved cabinets.

**u. Moving Picture Equipments Other Than Those of Approved Miniature Type.****Arc Lamp Used as a Part of a Moving Picture Machine:—**

1. Must be constructed, so far as practicable, similar to arc lamps of theaters, and wiring to same must not be of less capacity than No. 6 B. & S. gage. The leads to the lamp and its rheostat or equivalent device must be protected by a plug cutout or open link fuses, the latter enclosed in an approved cabinet with self-closing door. Cart-ridge fuses will not be permitted.

**Rheostats:—**

2. Rheostats, transforming devices or any substitute therefor must be of types expressly designed and approved for the purpose. Their installation and location must be subject to approval as parts of the moving picture machine.

**Top and Bottom Reels:—**

3. Must be enclosed in steel boxes or magazines, each with an opening of approved construction at bottom or top, so arranged as not to permit entrance of flame to magazine. No solder is to be used in the construction of these magazines. The front side of each magazine must consist of a door swinging horizontally and be provided with a substantial latch.

**Automatic Shutter:—**

4. Must be provided and must be so constructed as to shield the film from the beam of light whenever the film is not running at operating speed. Shutter must be permanently attached to the gate frame.

**Extra Films:—**

5. Must be kept in individual metal boxes equipped with tight-fitting covers.

**Machine Operation:—**

6. Must be of an approved type. If driven by a motor, must be of a type expressly designed and approved for such operation, and when so approved, motor driven machines, when in charge of a skilled operator, may be authorized under special permission in writing, given in advance.

**Machine Enclosure:—**

7. Machine must be placed in an enclosure or house made of suitable fireproof material; must be properly ventilated, properly lighted and large enough for operator to walk freely on either side of or back of machine. All openings into this booth must be arranged so as to be entirely closed by doors or shutters constructed of the same or equally good fire-resisting material as the booth itself. Doors or covers must be arranged so as to be held normally closed by spring hinges or equivalent devices.

**Reels Containing Films Under Examination or in Process of Rewinding:—**

8. Must be enclosed in magazines or approved metal boxes—similar to those required for films in operation, and not more than two feet of film shall be exposed in booth.

**v. Moving Picture Equipments of Approved Miniature Type for Home, Lecture and Similar Purposes.**

1. Arc lamp used as a part of machine must be constructed so far as practicable similar to arc lamps of theatres, and must not require more than 350 watts to operate same.

2. The rheostat or other current controlling device must conform to the requirements for similar devices for theatre work, and must be attached to and form a part of the machine.

3. Films must be of the non-inflammable type and must not be more than 100 feet in length and one inch in width.

4. Such miniature machine shall be operated in an approved box of fireproof material constructed with a fusible link or other approved releasing device to close instantaneously and completely in case of combustion within the box. The light in said miniature machine shall be completely enclosed in a metal lantern box covered with an unremovable roof.

**39. Outline Lighting.****(Other than Signs on Exterior of Buildings):—**

a. Must be connected only to low-potential systems.

b. Open or conduit work or metal trough construction may be used, but moulding will not be permitted.

c. Where flexible tubing is required, the ends must be sealed and painted with moisture repellant and kept at least one-half inch from surface wired over.

d. Wires for use in rigid or flexible steel conduit must comply with requirements for conduit work. Where armored cable is used, the conductors must be protected from moisture by lead sheath between armor and insulation.

e. Must be protected by its own cut-out, and controlled by its own switch; single pole switches must not be used. Cut-outs, switches, flashers and similar appliances must be of approved types and be installed as required by the Code for such appliances, and, if outside of the building, must, with the exception of transformer of weatherproof type, be installed in approved weatherproof cabinets.



f. Circuits must be so arranged that not more than 1,320 watts will be dependent upon one cut-out.

g. Sockets and receptacles must be of the keyless porcelain type and wires must be soldered to lugs on same. Miniature receptacles will not be approved for outdoor work.

h. For open work, wires must be approved rubber covered, not less than No. 14 B. & S. gage and must be rigidly supported on non-combustible, non-absorbitive insulators, which separate the wires at least one inch from the surface wired over. Rigid supporting requires, under ordinary conditions where wiring over flat surfaces, supports at least every four and one-half feet. If the wires are liable to be disturbed, the distance between supports should be shortened. In those parts of circuits where wires are connected to approved receptacles which hold them at least one inch from surface wired over, and which are placed not over one foot apart, such receptacles will be considered to afford the necessary support and spacing of the wires. Between receptacles more than one foot, but less than two feet apart, an additional non-combustible, non-absorbitive insulator maintaining a separation and spacing equivalent to the receptacles must be used. Except as above specified, wires must be kept apart at least two and one-half inches for voltages up to 300, and four inches for higher voltages.

i. For metal trough construction, the troughs and other details must comply with the requirements of No. 83 a to f, inclusive.

39A. Garages.

A garage is that portion of a building in which any automobile carrying volatile inflammable liquid is kept, whether such automobile be kept for use, for sale, for rental, for exhibition or for demonstrating purposes; and all that portion of a building that is on or below the floor or floors on which an automobile carrying volatile inflammable liquid is kept and is not separated therefrom by tight unpierced fire walls and floors.

a. Approved metal conduit or approved armored cable must be employed, except in offices and show rooms, where approved metal moulding may be used.

b. Cutouts, switches, receptacles and sockets which are permanently located must be placed at least four feet above the floor.

c. Switchboards and charging panels, if not placed four feet above the floor must be located in a fireproof enclosure provided with a self-closing door.

d. For portable lights, flexible cable designed for rough usage must be employed, this cable carrying the made end of a pin plug connector or equivalent of at least 3 amperes capacity, the female end being of such design or so hung that the connector will break apart readily at any position of the cable. The connector must be kept at least four feet above the floor. For all portable lights, keyless molded-mica or metal sheathed porcelain sockets equipped with handle, hook and guard must be employed.

e. For charging, theater stage cable must be employed, this cable carrying the female end of a pin plug connector or equivalent of a capacity of at least 50 amperes, the male end being of such design or so hung that the connector will break apart readily at any position of the cable. The connector must be kept at least four feet above the floor, and the male end, if not located on a switchboard or charging panel, must be shielded against accidental contact.

f. Motors, if not located at least four feet above the floor, must be of the fully enclosed type.

40. Car Wiring and Equipment of Cars.

a. Protection of Car Body, etc.

1. Under side of car bodies to be protected by approved fire-resisting, insulating material, not less than 1-8 inch in thickness, or by sheet iron or steel, not less than .04 inch in thickness, as specified in Section a, 2, 3 and 4. This protection to be provided over all electrical apparatus, such as motors with a capacity of over 75 H. P. each, resistances, contractors, lightning arresters, air-brake motors, etc., and also where wires are run, except that protection may be omitted over wires designed to carry 25 amperes or less if they are encased in metal conduit.

2. At motors of over 75 H. P. each, fire resisting material or sheet iron or steel to extend not less than 8 inches beyond all edges of openings in motors, and not less than six inches beyond motor leads on all sides.

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

4. Over conductors, not encased 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 1-2 inch clear air space between the conduit and the car, fire-resisting material or sheet iron or steel to extend at least 6 inches beyond conductors on either side.

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 1-8 inch flame-proof covering, as called for by Section i, 4.

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

6. Cut-out and switch cabinets to be substantially made of hard wood. The entire inside of cabinet to be lined with not less than 1-8 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 waterproof paint: b. Wires, Cables, etc.

1. All conductors to be stranded, the allowable carrying capacity being determined by Table "A" of No. 18, except that motor, trolley and resistance leads shall not be less than No. 7 B. & S. gage, heater circuits not less than No. 12 B. & S. gage, and lighting and other auxiliary circuits not less than No. 14 B. & S. gage.

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

Size Each Motor.	Motor Leads.	Trolley Leads.	Resistance Leads.
75 H. P. or less .....	45%	35%	15%
Over 75 H. P. ....	50%	40%	15%

Approved fixture wire will be permitted for wiring approved clusters.

2. To have an insulation and braid approved for wires carrying currents of the same potential.

3. When run in metal conduit, to be protected by an additional braid.

Where conductors are laid in conduit, not being drawn through, the additional braid will not be required.

4. When not in conduit, in approved moulding, or in cables surrounded by 1-8 inch flame-proof covering, must be approved rubber covered (except that tape may be substituted for braid) and be protected by an additional flame-proof braid, at least 1-32 inch in thickness, the outside being saturated with a preservative flame-proof compound, except that when motors are so enclosed that flame cannot extend outside of the casing, the flame-proof covering will not be required on the motor leads.

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

Joints made with approved splicing devices and those connecting the leads at motors, plows, or third rail shoes need not be soldered.

6. All connections of cables to cut-outs, switches and fittings, except those to controller connection boards, when designed to carry over 25 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, shall be dipped in solder and be fastened into the device by at least two set screws having check nuts.

All connections for conductors to fittings, etc., designed to carry less than 25 amperes, must be provided with up-turned 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, soldering, in addition to the connection of the binding screws, is strongly recommended, and will be insisted on when above requirements are not complied with. This rule only to apply to circuits where the maximum potential is over 25 volts and current exceeds 5 amperes.

c. Cut-outs, Circuit Breakers and Switches.

1. All cut-outs and switches having exposed live metal parts to be located in cabinets. Cut-outs and switches, not in iron boxes or in cabinets, shall be mounted on

not less than 1-4 inch fire resisting insulating material, which shall project at least 1-2 inch beyond all sides of the cut-out or switch.

2. Cut-outs to be of the approved cartridge or approved blow out type.

3. 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 ampere or less capacity may be of the approved single pole, double break, snap type.

4. Circuit breakers to be of approved type.

5. Circuits must not be fused above their safe carrying capacity.

6. 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 fuses in addition to the circuit breakers will be required.

d. Conduit.

1. Metal conduits, outlet and junction boxes to be constructed in accordance with standard requirements, except that conduit for lighting, heating and air motor circuits need not be larger than 1-4 inch electrical trade size, and all conduits where exposed to dampness must be water tight.

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

3. 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.

4. Except as noted in Section i, 2, must have the metal of the conduit permanently and effectively grounded.

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

6. All conduits, outlets or junction boxes and fittings to be firmly and substantially fastened to the framework of the car.

e. Moulding.

1. To consist of a backing and a capping and to be constructed of fire-resisting insulating material, except that it may be made of hard wood where the circuits which it is designed to support are normally not exposed to moisture.

2. When constructed of fire-resisting insulating material, the backing shall be not less than 1-4 inch in thickness and be of a width sufficient to extend not less than 1 inch beyond conductors at sides.

The capping, to be not less than 1-8 inch in thickness, shall cover and extend at least 3-4 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 1-8 inch fire-resisting insulating material no backing will be required.

3. Wooden mouldings must be so constructed as to thoroughly encase the wire and provide a thickness of not less than 3-8 inch at the sides and back of the conductors, the capping being not less than 3-16 inch in thickness. Must have both outside and inside two coats of waterproof paint.

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

f. Lighting and Lighting Circuits.

1. Each outlet to be provided with an approved receptacle, or an approved cluster. No lamp consuming more than 128 watts to be used.

2. Circuits to be run in approved metal conduit, or approved moulding.

3. When metal conduit is used, except for sign lights, all outlets to be provided with approved outlet boxes.

4. At outlet boxes, except where approved clusters are used, receptacles to be fastened to the inside of the box, and the metal cover to have an insulating bushing around opening for the lamp.

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

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

g. Heaters and Heating Circuits.

1. Heaters to be of approved type.

2. Panel heaters to be so constructed and located that when heaters are in place all current carrying parts will be at least 4 inches from all woodwork.

Heaters for cross seats to 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 1-4 inch fire-resisting insulating material, or .04 inch sheet metal with 1 inch space over same, when the distance may be reduced to 3 inches.

Truss plank heaters to be mounted on not less than 1-4 inch fire-resisting insulating material, the legs or supports for the heaters providing an air space of not less than 1-2 inch between the back of the heater and the insulating material.

3. Circuits to be run in approved metal conduit, or in approved moulding, or 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 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 1-2 inch from the surface wired over, and being not over 12 inches apart.

h. Air Pump Motor and Circuits.

1. Circuits to be run in approved metal conduits 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 conductor at least 1-2 inch from the surface wired over and are not over 12 inches apart.

2. Automatic control to be enclosed in approved metal box. Air pump and motor, when enclosed, to be in approved metal box or a wooden box lined with metal of not less than 1-32 inch in thickness.

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

i. Main Motor Circuits and Devices.

1. Conductors connecting between trolley stand and main cut-out or circuit breakers in hood to be protected where wires enter car to prevent ingress of moisture.

2. Conductors connecting between third rail shoes on same truck, to be supported in an approved fire-resisting insulating moulding, or in approved iron conduit supported by soft rubber or other approved insulating cleats.

3. Conductors on the under side of the car, except as noted in Section i, 4, to be supported in accordance with one of the following methods:—

a. To be run in approved metal conduit, junction boxes being provided where branches in conduit are made, and outlet boxes where conductors leave conduit.

b. To be run in approved fire-resisting insulating moulding.

c. To be supported by insulating cleats, the supports being not over 12 inches apart.

4. Conductors with flameproof braided outer covering, connecting between controllers at either end of car, or controllers and contractors, 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 the hose or tape enclose the controllers.

Conductors with or without flameproof braided outer covering connecting between controllers at either end of the car, or controllers and contractors, may be run as a cable, provided the cable throughout its entire length is surrounded by 1-8 inch flame-proof covering, thoroughly taped or sewed at ends, or where taps from cable are made, and 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, to be in a metal conduit or wooden box painted on the outside 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, attention should be given to making the box reasonably waterproof.

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

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

6. Resistances to be so located that there will be at least 6 inch air space between resistances proper and fire-resisting material of the car. To be mounted on iron supports, being insulated by non-combustible bushings or washers, or the iron supports shall have at least 2 inches of insulating surface between them and the metal work of car, or the resistance 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 1-8 inch fire-resisting insulating material.

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

7. Controllers to be raised above platform of car by a hardwood block not less than one inch thick, the block being fitted and painted to prevent moisture working in between it and the platform.

j. Lightning Arresters.

1. To be preferably located to protect all auxiliary circuits in addition to main motor circuits.

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

k. General Rules.

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

2. Mouldings should never be concealed except where readily accessible. Conductors should never be tacked into moulding.

3. Short bends in conductors should be avoided where possible.

4. Sharp edges in conduit or in moulding must be smoothed to prevent injury to conductors.

41. Car Houses.

a. The trolley wires must be securely supported on insulating hangers.

b. The trolley hangers must be placed at such a distance apart that, in case of a break in the trolley wire, contact with the floor cannot be made.

c. Must have an emergency cut-out switch located at a proper place outside of the building, so that all the trolley wires in the building may be cut out at one point and line insulators must be installed, so that when this emergency switch is open, the trolley wire will be dead at all points within 100 feet of the building. The current must be cut out of the building when not needed for use in the building.

If the feed to the car house is underground this emergency switch may be installed inside the building, but must be located at a point as near as practicable to where the underground feeder enters the building.

d. All lamps and stationary motors must be installed in such a way that one main switch may control the whole of each installation, lighting and power, independently of the main cut-out switch called for in Section c.

e. Where current for lighting and stationary motors is from a grounded trolley circuit, the following special rules to apply:—

1. Cut-outs must be placed between the non-grounded side and lights or motors they are to protect. No set or group of incandescent lamps requiring over 2,000 watts must be dependent upon one cut-out.

2. Switches must be placed between non-grounded side and lights and motors they are to protect.

3. Must have all rails bonded at each joint with a conductor having a carrying capacity at least equivalent to No. 0 B. & S. gage annealed copper wire, and all rails must be connected to the outside ground return circuit by a not less than No. 0 B. & S. gage copper wire or by equivalent bonding through the track. All lighting and stationary motor circuits must be thoroughly and permanently connected to the rails or to the wire leading to the outside ground return circuit.

f. All pendant cords and portable conductors will be considered as subject to hard usage.

g. Must, except as provided in Section e, have all wiring and apparatus installed in accordance with the rules for constant potential systems.

h. Must not have any system of feeder distribution centering in the building.

i. Cars must not be left with the trolley in electric connection with the trolley wire.

42. Lighting and Power from Railway Wires.

a. Must not be permitted, under any pretense, in the same circuit with trolley wires with a ground return, except in electric railway cars, electric car houses, power houses, passenger and freight stations connected with the operation of electric railways.

43. Electric Cranes.

All wiring, apparatus, etc., not specifically covered by special rules herein given, must conform to the general requirements of this Code, except that the switch required by Rule 8-c for each motor may be omitted.

a. Wiring.

1. All wires except bare collector wires, those between resistances and contact plates of rheostats and those subjected to severe external heat, must be approved, rubber-covered and not smaller in size than No. 12 B. & S. gage. Insulation on wires between resistances and contact plates of rheostats must conform to Section d, while wires subjected to severe external heat must have approved slow-burning insulation.

2. All wires excepting collector wires and those run in metal conduit or approved flexible cable must be supported by knobs or cleats which separate them at least one inch from the surface wired over, but in dry places where space is limited the distance between wires as required by Rule 26-h cannot be obtained, each wire must be separately encased in approved flexible tubing securely fastened in place.

Collector wires must be supported by approved insulators so mounted that even with the extreme movement permitted the wires will be separated at all times at least 1-2 inches from the surface wired over. Collector wires must be held at the ends by approved strain insulators.

3. Main collector wires carried along the runways must be rigidly and securely attached to their insulating supports at least every 20 feet, and separated at least six inches when run in a horizontal plane; if not run in a horizontal plane, they must be separated at least 8 inches. If spans longer than 20 feet are necessary the distance between wires must be increased proportionately but in no case shall the span exceed 40 feet.

4. Where bridge collector wires are over 80 feet long, insulating supports on which the wires may loosely lie must be provided at least every 50 feet.

Bridge collector wires must be kept at least 2 1-2 inches apart, but a greater spacing should be used whenever it may be obtained.

5. Collector wires must not be smaller in size than specified in the following table for the various spans.

Distance between rigid supports. Feet.	Size wire required. B. & S.
0 to 30.....	6
31 to 60.....	4
Over 60.....	2

b. Collectors.

Must be so designed that sparking between them and collector wires will be reduced to a minimum.

c. Switches and Cut-outs.

1. The main collector wires must be protected by a cut-out and the circuit controlled by a switch. Cut-out and switch to be so located as to be easy of access from the floor.

2. Cranes operated from cabs must have a cut-out and switch connected into the leads from the main collector wires and so located in the cab as to be readily accessible to the operator.

3. Where there is more than one motor on a single crane, each motor lead must be protected by a cut-out located in the cab if there is one.

d. Controllers.

Must be installed according to No. 4, except that if the crane is located out doors the insulation on wires between resistances and contact plates of rheostats must be rubber where the wires are exposed to moisture and insulation is necessary and also where they are grouped. If the crane operates over readily combustible material, the resistances must be placed in an enclosure made of non-combustible material, thoroughly ventilated and so constructed that it will not permit any flame or molten metal to escape in the event of burning out the resistances. If the resistances are located in the cab, this result may be obtained by constructing the cab of non-combustible material and providing sides which enclose the cabin from its floor to a height of at least 6 inches above the top of the resistances.

e. Grounding of Iron Work.

The motor frames, the entire frame of the crane and the tracks must be permanently and effectively grounded.

HIGH-POTENTIAL SYSTEMS.

550 to 3,500 Volts.

Any circuit attached to any machine or combination of machines which develops a difference of potential between any two wires, of over 550 volts and less than 3,500 volts, shall be considered as a high-potential circuit, and as coming under that class, unless an approved transforming device is used, which cuts the difference of potential down to 650 volts or less. For 550 volt motor equipments a margin of ten per cent. above the 550 volt limit will be allowed at the generator or transformer without coming under high-potential systems.

44. Wires.

(See also, Nos. 16, 17, 18 and 20. For construction rules see Nos. 49 and 50.)

a. Must have an approved rubber-insulating covering.

b. Must be always in plain sight and never encased, except as provided for in No. 8 b, or where specially required.

c. Must (except as provided for in No. 8 b), be rigidly supported on glass or porcelain insulators, which raise the wire at least one inch from the surface wired over, and must be kept about eight inches apart.

Rigid supporting requires under ordinary conditions where wiring along flat surfaces, supports at least about every four and one-half feet. If the wires are unusually liable to be disturbed, the distance between supports must be shortened.

In buildings of mill construction, mains of not less than No. 8 B. & S. gage, where not liable to be disturbed, may be separated about ten inches and run from timber to timber, not breaking around, and may be supported at each timber only.

d. Must be protected on side walls 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. When crossing floor timbers, in cellars, or in rooms where they might be exposed to injury, wires must be attached by their insulating supports to the under side of a wooden strip not less than one-half an inch in thickness.

45. Transformers.

(See also, Nos. 11, 14, 15 and 36. For construction of Transformers see No. 81.)

Transformers must not be placed inside of buildings without special permission.

a. Must be located as near as possible to the point at which the primary wires enter the building.

b. Must be placed in an enclosure constructed of 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 parties.

c. The transformer case must be permanently and effectually grounded, and the enclosure in which the transformers are placed must be practically air-tight, except that it must be thoroughly ventilated to the outdoor air, if possible through a chimney or flue. There should be at least six inches air space on all sides of the transformer.

EXTRA-HIGH POTENTIAL SYSTEMS.

Over 3,500 Volts.

Any circuit attached to any machine or combination of machines which develops a difference of potential between any two wires, of over 3,500 volts, shall be considered as an extra high-potential circuit, and as coming under that class, unless an approved transforming device is used, which cuts the difference of potential down to 3,500 volts or less.

47. Primary Wires.

a. Must not be brought into or over buildings, except power stations and substations.

48. Secondary Wires.

a. Must be installed under rules for high-potential systems when their immediate primary wires carry a current at a potential of over 3,500 volts, unless the primary wires are installed in accordance with the requirements as given in No. 12 and 13 or are entirely underground, within city, town and village limits.

CLASS D.

FITTINGS, MATERIALS AND DETAILS OF CONSTRUCTION.

ALL SYSTEMS AND VOLTAGES.

The following rules are but a partial outline of requirements. Devices or materials which fulfill the conditions of these requirements and no more, will not necessarily be acceptable. All fittings and materials should be submitted for examination and test before being introduced for use.

Insulated Wires—Rules 49 to 57.

49. General Rules.

a. Copper for insulated solid conductors of No. 4 B. & S. gage and smaller must not vary in diameter more than .002 of an inch from the standard. On solid sizes larger than No. 4 B. & S. gage the diameter shall not vary more than one per cent. from the specified standard. The conductivity of solid conductors shall not be less than 97 per cent. of that of pure copper of the specified size.

In all stranded conductors the sum of the circular mils of the individual wires, shall not be less than the nominal circular mils of the strand by more than one and one-half per cent. The conductivity of the individual wires in a strand shall not be less than is given in the following table, which applies to tinned conductors:—

Number 14 and larger, 97.0 per cent.; No. 15, 96.8 per cent.; No. 16, 96.6 per cent.; No. 17, 96.4 per cent.; No. 18, 96.2 per cent.; No. 19, 96.0 per cent.; No. 20, 95.8 per cent.; No. 21, 95.6 per cent.; No. 22, 95.4 per cent.; No. 23, 95.2 per cent.; No. 24, 95.0 per cent.; No. 25, 94.8 per cent.; No. 26, 94.6 per cent.; No. 27, 94.4 per cent.; No. 28, 94.2 per cent.; No. 29, 94.0 per cent.; No. 30, 93.8 per cent.

The Standard for diameters and mileages shall be that adopted by the American Institute of Electrical Engineers.

If splices are made in solid conductors or in the individual wires of stranded conductors, they must be made in a workmanlike manner and so as not to increase the diameter of the conductor or individual wire or lessen the mechanical strength thereof. Joints or splices in stranded conductors, as a whole, must be made only by separately joining each individual wire as described above, and the overall diameter of the entire stranded conductor must not be increased thereby.

b. Wires and cables of all kinds designed to meet the following specifications must have a distinctive marking the entire length of the coil so that they may be readily identified in the field. They must also be plainly tagged or marked as follows:

1. The maximum voltage at which the wire is designed to be used.
2. The words "National Electrical Code Standard."
3. Name of the manufacturing company and, if desired, trade name of the wire.
4. Month and year when manufactured.
5. The proper type letter for the particular style of wire or cable as given for each type of insulation in Nos. 50 to 57 inclusive.

Wires described under No. 53 need not have the distinctive marking, but are to be tagged.

50. Rubber-Covered Wire.

a. Copper for conductors must be thoroughly tinned.

Insulation for Voltages, 0 to 600, Inclusive.

b. The insulation must consist of a rubber compound, homogeneous in character, adhering to the conductor or to the separator, if one is used, and of a thickness not less than that given in the following tables, Sections e and f.

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

c. Any one foot sample of completed covering must show a dielectric strength sufficient to resist throughout five minutes the application of an electro-motive force proportionate to the thickness of insulation in accordance with the following table:—

Thickness in 64ths inches.	Breakdown test on 1 foot.
1.....	3,000 volts A. C.
2.....	6,000 volts A. C.
3.....	9,000 volts A. C.
4.....	11,000 volts A. C.
5.....	13,000 volts A. C.
6.....	15,000 volts A. C.
7.....	16,500 volts A. C.
8.....	18,000 volts A. C.
10.....	21,000 volts A. C.
12.....	23,500 volts A. C.
14.....	26,000 volts A. C.
16.....	28,000 volts A. C.



The source of alternating electro-motive force shall be a transformer of at least one kilowatt capacity. The application of the electro-motive force shall first be made at 3,000 volts for five minutes, 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 wire which has been immersed in water for seventy-two hours. One foot of the wire under test is to be submerged in a conducting liquid held in a metal trough, one of the transformer terminals being connected to the copper of the wire and the other to the metal of the trough.

d. Every length of completed wire or cable must be tested after not less than 12 hours immersion in water and while still immersed by the application for one minute of an alternating current voltage derived from apparatus of ample capacity, the test voltages to be those given in the tables of Sections e and f.

After this voltage test every length of completed wire or cable while still immersed must show an insulation resistance after one minute electrification not less than the values given in Sections e and f.

Any length of completed wire or cable may be tested during 30 days' immersion in water and must show not less than 50 per cent. of the insulation resistance required after the 12 hours' immersion.

The results of insulation test at different temperatures to be reduced to a basis of 60 degrees F. (15.5 degrees C.) by using the multipliers in the following table:—

Temp., Degs. Fahr.	Multiplier.
50-52	.63
53-55	.75
56-58	.86
59-61	1.00
62-64	1.16
65-67	1.34
68-70	1.55
71-73	1.80
74-76	2.08
77-79	2.40
80-82	2.78
83-85	3.22

e. Thickness of insulation, voltage tests and minimum insulation resistance to be in accordance with the following tables. The voltage tests are to be for one minute. The insulation resistances are after one minute electrification and at 60 degrees Fahr. (15.5 C.).

Tests on Completed Lengths 0 to 600 Volt Classes. Type Letters R. S.

Size.	Thickness in 64ths Inches.	Megohms Per Mile After 12 Hrs. Immersion.	Voltage Test One Minute.
14	3-64	300	1,500
12	3-64	250	"
10	3-64	225	"
8	3-64	200	"
6	1-16	200	2,000
4	1-16	150	"
2	1-16	125	"
1	5-64	150	2,500
0	5-64	125	"
00	5-64	125	"
000	5-64	100	"
0000	5-64	100	"
225,000 C. M.	3-32	100	3,000
300,000 "	3-32	100	"
400,000 "	3-32	100	"
500,000 "	3-32	100	"
600,000 "	7-64	100	3,500
700,000 "	7-64	100	"
800,000 "	7-64	100	"
900,000 "	7-64	100	"
1,000,000 "	7-64	100	"
1,250,000 "	1-8	100	"
1,500,000 "	1-8	75	3,500
1,750,000 "	1-8	60	"
2,000,000 "	1-8	50	"

f. Tests on completed lengths, 601 to 7,000 Volt Classes.

Max. Operating Voltage.

1,500 V. Type Letters R. S.—15.

Size.	Thick Ins.	Ins. Res. Meg.	Volts Test.
B. & S. Gage.			
14-8	1-16	600	4,000
7-2	5-64	300	"
1-0000	3-32	200	"
C.M.			
225,000-500,000	7-64	175	"
525,000-1,000,000	1-8	150	"
Over 1,000,000	9-64	100	"

Max. Operating Voltage.

2,500 V. Type Letter R. S.—25.

Size.	Thick Ins.	Ins. Res. Meg.	Volts Test.
B. & S. Gage.			
14-8	3-32	700	6,250
7-2	3-32	350	"
1-0000	7-64	250	"
C.M.			
225,000-500,000	1-8	200	"
525,000-1,000,000	9-64	175	"
Over 1,000,000	10-64	125	"

Max. Operating Voltage.

3,500 V. Type Letter R. S.—35.

Size.	Thick Ins.	Ins. Res. Meg.	Volts Test.
B. & S. Gage.			
14-8	4-32	850	8,750
7-2	4-32	450	"
1-0000	4-32	300	"
C.M.			
225,000-500,000	9-64	225	"
525,000-1,000,000	10-64	200	"
Over 1,000,000	11-64	150	"

Max. Operating Voltage.

5,000 V. Type Letter R. S.—50.

Size.	Thick Ins.	Ins. Res. Meg.	Volts Test.
B. & S. Gage.			
14-8	6-32	1,000	12,500
7-2	6-32	650	"
1-0000	6-32	450	"
C.M.			
225,000-500,000	6-32	300	"
525,000-1,000,000	6-32	225	"
Over 1,000,000	7-32	175	"

Max. Operating Voltage.  
7,000 V. Type Letter R. S.—70.

Size.	Thick Ins.	Ins. Res. Meg.	Volts Test.
B. & S. Gage.			
14-8	8-32	1,200	17,500
7-2	8-32	800	"
1-0000	8-32	550	"
C.M.			
225,000-500,000	8-32	400	"
525,000-1,000,000	8-32	275	"
Over 1,000,000	9-32	200	"

g. All physical tests to be made at a temperature between 60 degrees and 90 degrees Fahrenheit. All test samples to be kept at a temperature within this range for at least two hours before the tests are made.

1. The rubber compound or other approved insulation must be sufficiently elastic to comply with a test made as follows:

A sample of wire about 20 inches long shall have the braid and insulation removed for about 2 inches at each end, leaving the braid and insulation on balance of sample. One end of the bare copper should be fastened to a clamp on a shaft of the diameter given below, and a weight as given below attached to the other end of the bare copper wire. The shaft shall then be revolved ten times in ten seconds, wrapping the sample in a close wind around the shaft. With the tension left on the sample, it should then be immersed in water for 24 hours, immediately after which it should, while still immersed, be subjected to 1,500 volts alternating current for 1 minute.

	B. & S.	Mils.	Lbs.
Diam. of shaft	No. 14 wire	170	weight 10
"	12 "	190	" 10
"	10 "	275	" 12
"	8 "	375	" 15

2. Any rubber compound used as insulation shall be tested for permanent set, elongation and tensile strength as follows:—

New Wire.—A test piece taken from the wire, having insulation less than 5-64 inch thick, shall have marks placed 2 inches apart, and shall be stretched longitudinally at the rate of 12 inches per minute till the marks are 5 inches apart, and then be immediately released and a measurement taken 30 seconds thereafter, when the distance between the marks must not exceed 2.5 inches. The test piece shall then be stretched until the marks are 6 inches apart before rupture. The tensile strength shall not be less than 400 lbs. per square inch, calculated upon the original cross section of the test piece before stretching.

Test pieces from wire having insulation 5-64 inch thick or over shall be tested in a similar manner, but shall be stretched to 4 inches instead of 5 inches, and must not break until stretched 5 inches, and shall have a tensile strength of 400 lbs. per square inch.

Wire tested at any time up to one year from date of manufacture or to time of installation.—A test piece taken from wire having insulation less than 5-64 inch thick shall have marks placed 2 inches apart, and shall be stretched longitudinally at the rate of 12 inches per minute till the marks are 4 inches apart, and then be immediately released and a measurement taken 30 seconds thereafter, when the distance between the marks must not exceed 2.5 inches.

Test pieces from wire having insulation 5-64 inch or over shall be stretched to 3 1-2 inches instead of four inches.

h. All of the above insulations must be protected by a substantial braided covering, properly saturated with a preservative compound. This covering must be sufficiently strong to withstand all the abrasions likely to be met with in practice, and all wire must substantially conform to approved samples submitted by the manufacturer.

j. Lead Covered Wires and Cables for Interior Work Only. (Type letters R. S. L.) Except for Armored Cables. (Type letter A. C.)

The thickness of insulating wall of lead sheath rubber insulated conductors, 0-600 volts, to be the same as for braided cables, all cables to be covered with a compound filled tape or braid over the insulating wall. There shall be a tape or braid over the bunched conductors except where the conductors are laid parallel and not twisted. If braid is used, it shall be of such a thickness as to increase the required diameter over the insulating wall by at least 1-32 of an inch, and must comply with the requirements for braid on braided conductors.

If tape is used it must not be less than 1-64 of an inch thick and must lap at least 1-4 of its width. The width of the tape used should not exceed twice the square root of the diameter of the conductor over the insulating wall; i. e., 500,000 C.M. 3-32 rubber, tape not to exceed 2 inches in width; No. 14, 3-64 rubber, tape should not exceed 0.8 inch in width.

The lead on single conductor cables, 0-600 volt class, sizes 2 B. & S. and smaller, both solid and stranded, to be not less than the thickness of rubber called for by Section e. On larger sizes the thickness of lead to be not less than the thickness of insulating wall called for, less 1-64 of an inch; i. e., thickness of lead on No. 2, 1-16 inch; on 1,000,000 C.M., 3-32 inch. On multiple conductor cables, thickness of lead to be that called for by single conductor, having same diameter over the insulation as the multiple conductor cable has over the bunched insulated conductors.

Rubber insulated and lead sheathed cables, 601 to 7,000 volt classes inclusive (Type letters R. S. L. 15, R. S. L. 25, etc.) shall comply with Section f, and the lead sheath shall be the same as called for in 0-600 volt class, having same diameter under the lead as 601-7,000 volt conductor.

(Electrical test on finished leaded cables the same as on braided.)

51. Slow-burning Weatherproof Wire. (Type letters, S. B. W.)

(For installation rules see No. 26 h.)

a. The insulation must consist of two coatings, one to be fireproof in character and the other to be weatherproof. The fireproof coating must be on the outside and must comprise about 6-10 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. Gage.	Thickness.
14 to 8	3-64 inch.
7 to 2	1-16 "
1 to 0000	5-64 "
Circular Mils.	
250,000 to 500,000	3-32 "
500,000 to 1,000,000	7-64 "
Over 1,000,000	1-8 "

Measurements of insulating wall are to be made at the thinnest portion.

b. The fireproof coating shall be of the same kind as that required for "slow-burning wire," and must be finished with a hard, smooth surface.

c. The weatherproof coating shall consist of a stout braid, applied and treated as required for "weatherproof wire."

52. Slow-burning Wire. (Type letters, S. B.)

(For installation rules see No. 26 g and h.)

a. The insulation must consist of three braids of cotton or other thread, all the interstices of which must be filled with the fireproofing compound or with material having equivalent resisting and insulating properties. The outer braid must be specially designed to withstand abrasion, and its surface must be finished smooth and hard. The completed covering must be of a thickness not less than given in the table under No. 51 a.

53. Weatherproof Wire. (Type letters, W. P.)

(For installation rules see No. 26 i and j.)

a. 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, thereby securing a covering to a great degree waterproof and of high insulating power. This compound must not drip at 160 degrees Fahrenheit (71 degrees Centigrade). The thickness of insulation must not be less than that given in the table under No. 51 a, and the outer surface must be thoroughly slicked down.



54. Flexible Cords.

(For installation rules, see No. 32.)

Cords for pendant lamps and for portable use, including Elevator, Lighting and Control Cables, and Theater Stage and Border Cable.

(For Cords for Portable Heating Apparatus, see Section 1.)

a. Must be made of copper conductors, each built up from wires not larger than No. 26, or smaller than No. 36 B. & S. gage. Each conductor must have a carrying capacity not less than that of a No. 18 B. & S. gage wire, and must be covered by an approved insulation and protected from mechanical injury according to the specifications of Section c below, for the several types of cord or cable. Each conductor must be covered with a tight close wind of fine cotton, or some other approved method must be employed to prevent a broken strand puncturing the insulation, and must comply with No. 49.

b. The insulating covering on each conductor must be of a rubber compound, homogenous in character, and must comply with No. 50 c and g and must have a thickness of wall not less than that given in the following table:—

Use.	Type Letter.	Trade Name.
Pendants—Dry Places.....	C	Lamp Cord .....
Pendants—Damp Places .....	CB	Brewery Cord .....
	CC	Canvasite Cord .....
Portable—Dry Places .....	P	Reinforced Cord .....
	PO	Parallel Cord .....
	PS	Special Reinf. Cord .....
	CA	Armored Cord .....
	PA	Armored Reinf. Cord.....
Portable—Damp Places .....	PWp	Reinforced Cord Wp. ....
	PkWp	Packhouse Cord .....
	PAWp	Armored Reinf. Cord Wp. ....
Theatre Stages .....	T	Stage Cable .....
Theatre Borders .....	B	Border Light Cable .....
Elevator Lighting and Control.....	E	Elevator Cable .....

d. (Type Letters C, CB and CC.) In these classes are to be included all flexible cords, which, under usual conditions, hang freely, and which are not likely to be moved sufficiently to come in contact with surrounding objects.

It should be noted that pendant lamps provided with long cords so that they can be carried about or hung over nails, or on machinery, etc., are not included in this class, even though they are usually allowed to hang freely in air.

e. (Type Letters PO.) These cords are for use only in offices, dwellings or similar places, where cord is not liable to rough usage and where appearance is an essential feature.

The conductors may be either laid parallel or twisted together.

f. (Type Letters PS.) These cords are for use only in offices, dwellings or similar places where cord is not liable to rough usage and where appearance is an essential feature.

These cords may be made only with conductors of No. 18 or No. 16 B. & S. gage and may have the insulating covering on each conductor not less than one sixty-fourth inch in thickness.

g. (Type Letters CA, PA, PAWp.) For the construction of the armor see No. 57.

h. (Type Letters PkWp.) In the outer cover tape may be substituted for the inner braid.

i. (Type Letter T.) Theatre cables shall consist of not more than three conductors, each of a capacity not exceeding No. 4 B. & S. gage. These conductors must be twisted together and a filler of approved material must be used to make the cable round and to act as a cushion.

In the outer covering tape may be substituted for the inner braid.

The insulating covering on each conductor of No. 6 to No. 4 B. & S. gage must be not less than one-sixteenth inch in thickness.

The completed cable must be of such a flexible nature as to be readily handled, and, when laid on the floor, must align itself to the floor level.

j. (Type Letter B.) In the outer cover tape may be substituted for the inner braid.

The conductors must be cabled together.

k. (Type Letter E.) Conductors for elevator lighting cables shall not be smaller than No. 14 B. & S. gage and for elevator control cables not smaller than No. 16 B. & S. gage.

In the outer cover tape may be substituted for one of the inner braids.

1. For Portable Heating Apparatus.—(Type Letter H.) Applies to all smoothing and sad irons and to any other heating device requiring over 250 watts. Must be made up as follows:

1. Conductors must comply with Section a, or may be of braided copper. If braided, each wire to be not larger than No. 30 or smaller than No. 36 B. & S. gage, except for conductors having a greater carrying capacity than No. 12 B. & S. gage, when each wire may be as large as No. 28 B. & S. gage.

2. An insulating covering of rubber or other approved material not less than one sixty-fourth inch in thickness.

3. A braided covering not less than one thirty-second inch thick, composed of long fibre asbestos and having not over 10 per cent. of carbon by weight.

4. An outer reinforcing covering not less than one sixty-fourth of an inch thick, especially designed to resist abrasion, must enclose either all the conductors as a whole or each conductor separately.

5. The completed cord shall be subjected to a 1 minute test between conductors of 1,500 volts, and must resist puncture or breakdown when so tested. The source of electro-motive force to be the same as that specified in No. 50.

g. Elevator Lighting and Control Cables (Type Letter E).—Must comply with the requirements for theatre cable as regards insulation proper and the construction and covering of the individual conductors, except that none of these conductors shall be smaller than No. 14 B. & S. gage for elevator lighting cables, or No. 16 for elevator control cables. The outer covering shall consist either of three braids or of an extra layer of rubber and one or more outer braids. All braids must be properly treated with a preservative compound.

55. Fixture Wire.

(For installation rules, see No. 26 v to y. For construction of fixtures, see No. 77.)

a. Fixtures may be wired with approved flexible cord (see No. 54 a to c) or with approved rubber covered wire No. 14 B. & S. gage, or larger (see No. 50).

In wiring certain designs of show-case fixtures, ceiling bulls-eyes and similar appliances in which the wiring is exposed to temperatures in excess of 120 degrees Fahrenheit (49 degrees Centigrade), from the heat of the lamps, slow-burning wire must be used (see No. 52). All such forms of fixtures must be submitted for examination, test and approval before being introduced for use.

For other wires for use in fixtures the following rules apply (Type Letters F-64 and F-32):

b. May be made of solid or stranded conductors, with no strands smaller than No. 30 B. & S. gage, and must have a carrying capacity not less than that of a No. 18 B. & S. gage wire.

c. Solid conductors must be thoroughly tinned. If a stranded conductor is used, it must be covered by a tight, close wind of fine cotton, or some other approved method must be employed to prevent a broken strand puncturing the insulation, and must comply with the requirements of No. 49.

d. The insulation on each conductor must consist of a rubber compound, homogenous in character, adhering to the conductor or to the separator, if one is used, and not less than 1-64 inch in thickness for No. 18 B. & S. gage wire and not less than 1-32 inch for No. 16 B. & S. gage.

e. Must be protected with a covering or braid 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 with twice the diameter of the wire without injury to the braid.

f. Must successfully withstand the tests specified in No. 50 c and g.

56. Conduit Wire. (Type Letters R, D.)

(For installation rules, see No. 26 n to p.)

a. Single wire for conduits must comply with the requirements of No. 50 (except that tape may be substituted for braid), and in addition there must be a second outer

B. & S. Gage.

Thickness in Inches.

18 and 16.....	1-32
14 .....	3-64

For exception for Special Reinforced Cord (Type Letters P, S.) see No. 54 f below. The completed cord shall be subject to a one minute test between conductors of 1,000 volts for 1-64 inch insulation, 2,000 volts for 1-32 inch insulation and 2,500 volts for 3-64 inch insulation.

The insulating coverings in the above tests shall be sufficient to resist puncture or breakdown. The source of electro-motive force shall be the same as that specified in No. 50 c.

c. Cords of the several types must comply with the specifications of the following table with respect to their outer protective coverings and must comply with the special rules indicated in the last column of the table.

Braid on Each Conductor.	Reinforcement or Filler.	Outer Cover.	For Additional Rules See
Glazed Cotton or Silk..	.....	.....	54d
Cotton Wp. ....	.....	.....	54d
Cotton Wp. ....	.....	Cotton Wp. ....	54d
Cotton .....	Rubber Jacket	Glazed Cotton or Silk.....	...
Cotton .....	.....	Glazed Cotton or Silk.....	54e
Cotton .....	Rubber Jacket	Glazed Cotton or Silk.....	54f
Cotton .....	.....	Armor .....	54g
Cotton .....	Rubber Jacket	Glazed Cotton and Armor....	54g
Cotton .....	Rubber Jacket	Cotton Wp. ....	...
Cotton .....	Filler .....	2 Cotton, both Wp. ....	54h
Cotton .....	Rubber Jacket	Cotton Wp. and Armor.....	54g
Cotton Wp. ....	Filler .....	2 Cotton, both Wp. ....	54i
Cotton Wp. ....	.....	2 Cotton, both Wp. ....	54j
Cotton .....	Rubber Jacket	1 or more Cotton, both Wp..	54k
.....	and/or	3 Cotton, outer one Wp.....	...

fibrous covering at least one thirty-second of an inch in thickness for wires larger than No. 10 B. & S. gage and at least one sixty-fourth of an inch in thickness for wires No. 10 B. & S. gage or less in size; this fibrous covering to be sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

b. For twin or duplex wires in conduit, each conductor must comply with the requirements of No. 50 (except that tape may be substituted for braid), and in addition there must be a second outer fibrous covering, at least 1-32 of an inch in thickness for wires larger than No. 10 B. & S. gage and at least 1-64 of an inch in thickness for wires No. 10 B. & S. gage or less in size; this fibrous covering to be sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

c. For concentric wire, the inner conductor must comply with the requirements of No. 50 (except that tape may be substituted for braid), 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 must be at least 1-32 of an inch in thickness and sufficiently tenacious to withstand the abrasion of being hauled through the metal conduit.

d. The braids or tapes called for in sections a, b and c must be properly saturated with a preservative compound.

57. Armored Cable and Cord. (Type Letters AC, CA, PA and PAWp.) (For installation rules for Armored Cables, see No. 27. For Armored Cord, see No. 32 e and No. 54.)

a. The armored cable or cord must be so flexible that it may be bent in a curve, the inner edge of which has a radius equal to four times the outside diameter of the armor, without injury to the cable or cord contained therein, and without opening up the armor at any point sufficiently to expose the cable or cord.

Must be of such design that after a 3-foot sample has been subjected to a tension of 100 pounds for one minute the armor will not be permanently elongated more than 3 inches, and after a 3-foot sample with conductor removed has been subjected to a tension of 150 pounds for one minute the armor will not be opened up at any point.

Strips, if used in forming the armor, must have a thickness at least as great as is given in the following table. For armors of other forms an equivalent wall construction must be provided.

Thickness Strip.	Type Letter of Wire.	Size of Conductors B and S Gage.			Test Voltage.
		Single Cond. Cable.	Double Cond. Cable.	Triple Cond. Cable.	
Armored Cord—					
.025.....	C	.....	18 16 14	.....	500
.025.....	P or PWp	.....	18 16	.....	500
Armored Cable					
.025.....	RD	14, 12, 10, 8	.....	.....	1000
	RSL	14, 12, 10, 8	.....	.....	
.034.....	RD	6, 4, 2,	14, 12, 10	14, 12, 10	1000
	RSL	6, 4	14, 12	14	
.040.....	RD	1	8, 6, 4	8, 6	1000
	RSL	2, 1	10, 8, 6	12, 10, 8	

The weight of the single strip armor, if of steel, must be not less than 87 per cent. of the weight of a solid-walled steel tube of the same internal diameter and of a wall thickness equal to twice the thickness of the strip. The weight of double strip armour must be at least 10 per cent. greater than that of single strip. For other types of armor an equivalent construction must be provided.

b. If of steel, the metal of armor must be thoroughly galvanized or coated with an approved rust preventive.

The internal diameter of the armor must be such that it will not be materially embedded in the cable or cord coverings. It must not be possible to withdraw the cable from the armor of a 15-foot sample of armored cable by the application of a force of 90 pounds, or from the armor of a 10-foot sample of armored cord by the application of a force of 25 pounds. Interior surfaces of the armor must be free from burrs or sharp edges which might cause abrasion of the cable or cord coverings.

c. The cable in the armor must have an insulating covering as required by No. 50-j or No. 56, excepting that the lead covering may be only one thirty-second of an inch thick. If multiple conductor cable (not lead covered) is used the conductors must be twisted together.

The cord in the armor must have an insulating covering as required by No. 54.

d. Every coil of completed armored cable or cord must be tested by the application of an alternating current voltage, derived from apparatus of not less than 1,500 watts capacity, the test voltages to be those given in the table of Section a. Tests to be made between each conductor and every conductor comprising the cable or cord and between the several conductors and the armor.

e. Must have a distinctive marker its entire length so that the armored cable or cord may be readily identified in the field. Coils of armored cable or cord must also be plainly tagged or marked as follows:

1. The maximum voltage at which the wire is designed to be used.
2. The words "National Electrical Code Standard."
3. Name or trade mark of the manufacturing company.
4. Month and year when manufactured.
5. The proper type letters for the particular style of material as given for each type in Nos. 54 and 57.

58. Metal Conduits.

(For installation rules, see Nos. 26 n to p, 28 and 40 d.)

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

b. The tube used in the manufacture of the conduit must be of mild steel; and must be of sufficiently true, circular section to admit of cutting true, clean threads; it must be very closely the same in wall thickness at all points. Welds must be thoroughly well made.

c. The tube must be thoroughly cleaned to remove all scale and rust from both the inside and the outside surfaces by some process, mechanical or otherwise, which



will permit the protecting coating to take a smooth finish and which will not reduce the weight of the tube sufficiently to cause the finished conduit to weigh less than is given in 58 i.

The surface of the tube for enameled conduit must be thoroughly washed or otherwise treated to remove all acid left by the pickling solutions, if they are used as a part of the cleaning process.

d. All surfaces of the tube must be protected against corrosion by one of the following or some other approved methods.

e. The enamel coating on either the inside or the outside surface of the finished conduit must not soften at ordinary temperatures; it must have an even and smooth appearance and must be of a uniform quality at all points of the length of the tube. It must be of sufficient weight and toughness to resist smashing or flaking and must be of sufficient elasticity to prevent its cracking or flaking at any time up to one year from month of manufacture when one-half inch conduit is bent in a curve, the inner edge of which has a radius of three and one-half inches.

The enamel coating must not be seriously affected by soaking at 70 degrees Fahrenheit for 24 hours in any of the following aqueous solutions:—

1. Sulphuric acid of 1.3 specific gravity containing 40 per cent. by weight of anhydrous sulphuric acid.
2. Commercial strong hydrochloric acid containing 20 per cent. by weight of anhydrous hydrochloric acid.
3. Acetic acid containing 20 per cent. by weight of anhydrous acetic acid.
4. Saturated solution of carbonate of soda, containing 20 per cent. by weight of anhydrous carbonate of soda.

Conduits with Metallic Coatings.

f. The metallic coating on either the inside or the outside surface of the finished conduit must not soften at ordinary temperatures, and must be of uniform quality at all points of the length of the tube. It must be of sufficient elasticity to prevent its cracking or flaking at any time up to one year from the month of manufacture when one-half inch conduit is bent in a curve, the inner edge of which has a radius of three and one-half inches.

All metallic protective coatings on either interior or exterior surfaces must be of an approved weight and quality to afford protection against corrosion.

If the interior surface is not given a metallic protective coating it must be coated with an approved enamel.

g. Elbows, bends and similar fittings must be made of full-weight material, such as is specified for the conduit proper, and must be treated, coated, threaded, etc., in every way corresponding to the specifications for conduit so far as they apply.

h. Threads upon conduits, couplings, elbows and bends must be full and clean cut. Their pitch and form must conform to the Briggs' standard for pipe threads.

The taper of threads on conduit must not exceed three-quarter inches per foot. The perfect thread must be tapered for its entire length. Couplings must be tapered straight. If threads are cut after the protective coatings are applied they must be treated to prevent corrosion taking place before the conduit is actually installed.

The number of threads and the length of the threaded portion must be approximately in accordance with the following table:

Electrical Trade Size. Inches.	Number of Threads per Inch.	Length of Perfect Thread. Inches.	Total Length of Thread. Inches.
1-4 inch	18	0.29	0.57
3-8 inch	18	0.30	0.57
1-2 inch	14	0.39	0.75
3-4 inch	14	0.40	0.76
1 inch	11 1-2	0.51	0.94
1 1-4 inches	11 1-2	0.53	0.97
1 1-2 inches	11 1-2	0.55	0.98
2 inches	11 1-2	0.58	1.12
2 1-2 inches	8	0.89	1.51
3 inches	8	0.95	1.57
3 1-2 inches	8	1.00	1.62
4 inches	8	1.05	1.67
4 1-2 inches	8	1.10	1.72
5 inches	8	1.16	1.78
6 inches	8	1.26	1.89

i. The finished conduit as shipped must be in ten-foot lengths, with each end reamed and threaded. For each length at least one coupling must be furnished. The finished conduit with coupling must not weigh less than is given in the following table. All finished conduit must be inspected visually, both inside and out, for poor coatings, hard scale or other similar defects. It must have an approved interior coating of a character and appearance which will readily distinguish it from ordinary commercial pipe commonly used for other than electrical purposes.

Electrical Trade Size.	Minimum Weight of Finished Conduit Ten-foot Lengths With Couplings.
1-4 inch	38.5 pounds
3-8 inch	51.5 pounds
1-2 inch	79.0 pounds
3-4 inch	105 pounds
1 inch	153 pounds
1 1-4 inches	201 pounds
1 1-2 inches	249 pounds
2 inches	334 pounds
2 1-2 inches	527 pounds
3 inches	690 pounds
3 1-2 inches	831 pounds
4 inches	982 pounds
4 1-2 inches	1150 pounds
5 inches	1344 pounds
6 inches	1770 pounds

Flexible Conduit.

j. Must be so flexible that the conduit may be bent in a curve, the inner edge of which has a radius equal to that specified in the following table, without opening up the tube at any point.

k. Must be of such design that after a 3-foot sample has been subjected to a tension of 200 lbs. for one minute, the conduit will not be opened up at any point.

1. For steel conduits the internal diameter, the thickness of the strip and the weight of the finished conduit must be not less than the values given in the following table. For flexible conduit of other than the strip type an equivalent construction must be provided.

Electrical Trade Size. Inches.	Internal Diameter. Inches.	Thickness of Strip. Inches.	Weight in Pounds. Per 100 Feet.		Radius of Curvatures. Inches.
			Single Strip.	Double Strip.	
3-8	3-8	.034	29	33 1-2	2 1-2
1-2	5-8	.040	54	62	3 1-2
3-4	13-16	.040	68	78 1-2	4 1-2
1	1	.055	108	129 1-2	5
1 1-4	1 1-4	.055	132	158	5 1-2
1 1-2	1 1-2	.060	171	205	6
2	2	.060	224	269	8
2 1-2	2 1-2	.060	277	332	10 1-2

m. If of steel the metal must be thoroughly galvanized or coated with an approved rust preventive. Interior surfaces of the conduit must be free from burrs or sharp edges which might cause abrasion of the wire coverings.

n. Must have a distinctive marking its entire length so that the flexible conduit may be readily identified in the field. Coils must also be plainly tagged or marked with the name or trade mark of the manufacturing company.

59. Outlet, Junction and Flush Switch Boxes.

(For installation rules, see Nos. 27 and 28. For boxes for panel-boards, cut-outs and switches other than flush switches, see No. 70.)

a. Must be of pressed steel having wall thickness of not less than .078 inch (No. 14 U. S. metal gage), or of cast metal having wall thickness not less than 1-8 inch, Junction boxes of larger sizes must comply with requirements of No. 70, but must in all cases be of metal.

b. Must be well galvanized, enameled or otherwise properly coated, inside and out, to prevent oxidation.

c. Must be so made that all openings not in use will be effectively closed by metal which will afford protection substantially equivalent to the walls of the box.

Fittings which are designed for bringing conductors from metal conduits to exposed wiring must be provided with non-absorptive, non-combustible, insulating bushings, which, except with flexible cord, must separately insulate each conductor.

d. Must be plainly marked, where it may readily be seen when installed, with the name or trade mark of the manufacturer.

e. Must, in case of combination gas and electric outlets, be so arranged that connection with gas pipe at outlet may be made by means of an approved device. Fixture studs, where not a part of the box, must be made of malleable iron or other approved material.

Must be arranged to secure in position the conduit or flexible tubing protecting the wire.

f. Switch and outlet boxes must be so arranged that they can be securely fastened in place independently of the support afforded by the conduit piping, except that when entirely exposed, approved boxes, which are threaded so as to be firmly supported by screwing on to the conduit, may be used.

g. Switch and receptacle boxes must completely enclose the switch or receptacle on sides and back, and must provide a thoroughly substantial support for it. The retaining screws for the box must not be used to secure the switch in position. Boxes for floor outlets shall be designed to completely enclose the receptacle and attachment plugs, if any, to protect them from mechanical injury and to exclude moisture.

h. Covers for outlet boxes if made of metal must be equal in thickness to that specified for the walls of the box, or must be of metal lined with an insulating material not less than one thirty-second inch in thickness, firmly and permanently secured to the metal. Covers may also be made of porcelain or other approved material, provided they are of such form and thickness as to afford suitable protection and strength.

60. Metal Mouldings.

(For installation rules, see No. 26 k to m and 29.)

a. b. The installation of wooden moulding is prohibited.

c. Each length of such moulding must have maker's name or trade mark stamped in the metal, or in some manner permanently attached thereto, in order that it may be readily identified in the field.

d. Must be constructed of iron or steel with backing at least .050 inch in thickness, and with capping not less than .040 inch in thickness, and so constructed that when in place the raceway will be entirely closed; must be thoroughly galvanized or coated with an approved rust preventative both inside and out to prevent oxidation.

e. Elbows, couplings and all other similar fittings must be constructed of at least the same thickness and quality of metal as the moulding itself, and so designed that they will both electrically and mechanically secure the different sections together and maintain the continuity of the raceway. The interior surfaces must be free from burrs or sharp corners which might cause abrasion of the wire coverings.

f. Must at all outlets be so arranged that the conductors cannot come in contact with the edges of the metal, either of capping or backing. Specially designed fittings which will interpose substantial barriers between conductors and the edges of metal are recommended.

g. When backing is secured in position by screws or bolts from the inside of the raceway, depressions must be provided to render the heads of the fastenings flush with the moulding.

h. Metal mouldings must be used for exposed work only and must be so constructed as to form an open raceway to be closed by the capping or cover after the wires are laid in.

61. Tubes and Bushings.

a. Construction.—Must be made straight and free from checks or rough projections, with ends smooth and rounded to facilitate the drawing in of the wire and prevent abrasion of its covering.

b. Material and Test.—Must be made of non-combustible insulating material, which, when broken and submerged for 100 hours in pure water at 70 degrees Fahrenheit (21 degrees Centigrade), will not absorb over one-half of one per cent. of its weight.

c. Marking.—Must have the name, initials or trade-mark of the manufacturer stamped in the ware.

d. Sizes.—Dimensions of walls and heads must be at least as great as those given in the following table:

Diameter of Hole.	External Diameter.	Thickness of Wall.	External Diameter of Head.	Length of Head.
5-16 in.	9-16 in.	1-8 in.	13-16 in.	1-2 in.
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

An allowance of one sixty-fourth of an inch for variation in manufacturing will be permitted, except in the thickness of the wall.

62. Cleats.

a. Construction.—Must hold the wire firmly in place without injury to its covering.

b. 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 when screwed tight.

c. Material and Test.—Must be made of non-combustible insulating material, which, when broken and submerged for 100 hours in pure water at 70 degrees Fahrenheit (21 degrees Centigrade), will not absorb over one-half of one per cent. of its weight.

d. Marking.—Must have the name, initials or trade-mark of the manufacturer stamped in the ware.

e. Sizes.—Must conform to the spacings given in the following table:

Voltage, 0-300. Distance from Wire to Surface, 1-2 inch. Distance between Wires, 2 1-2 inches.

63. Flexible Tubing.

(For installation rules see No. 26 e.)

a. Must have a sufficiently smooth interior surface to allow the ready introduction of the wire.

b. Must be constructed of or treated with materials which will serve as moisture repellents.

c. The tube must be so designed that it will withstand all the abrasion likely to be met with in practice.

d. The linings, if any, must not be removable in lengths of over three feet.

e. The 1-4-inch tube must be so flexible that it will not crack or break when bent in a circle with 6-inch radius at 50 degrees Fahrenheit (10 degrees Centigrade), and the covering must be thoroughly saturated with a dense moisture-proof compound which will not slide at 150 degrees Fahrenheit (65 degrees Centigrade). Other sizes must be as well made.

f. Must not convey fire on the application of a flame from Bunsen burner to the exterior of the tube when held in a vertical position.



g. Must be sufficiently tough and tenacious to withstand severe tension without injury; the interior diameter must not be diminished or the tube opened up at any point by the application of a reasonable stretching force.

h. Must not close to prevent the insertion of the wire after the tube has been kinked or flattened and straightened out.

i. Must have a distinctive marking the entire length of the tube, so that the tubing may be readily identified in the field.

#### 64. Knobs.

a. Construction.—Split knobs must be constructed in two parts, a base and a cap, arranged to hold the wire firmly in place without injury to its covering. Sharp edges must be avoided. Solid knobs must be constructed with smooth groove, to contain wire.

b. Supports.—Bearing points on the surface wired over must be made by a ring or by ridges on the outside edge of the base, to provide for stability. At least one-fourth inch surface separation must be maintained between the supporting screw or nail and the conductor, and the knob must be so constructed that the supporting screw or nail cannot come in contact with the conductor. For wires larger than No. 4 B. & S. gage, split knobs (or single wire cleats) must be so constructed as to require the use of two supporting screws.

c. Material and Test.—Must be made of non-combustible, insulating material, which, when broken, and submerged for one hundred hours in pure water at 70 degrees Fahrenheit (21 degrees Centigrade) will not absorb over one-half of one per cent. of its weight.

d. Marking.—Must have the name, initials or trade-mark of the manufacturer stamped in the ware.

e. Sizes.—Must be so constructed as to separate the wire at least one inch from the surface wired over, and also conform to the following minimum dimensions:

Size of Wire Inclusive.	Size of Base. Inches.				Solid Knobs, Groove. Inches.		Split Knobs, Thickness of Cap, Inches from Top of Wire Groove.
	Circular Knobs. Diameter.	Square Knobs or Single Wire Cleats.		Depth.	Diameter.		
		Width.	Length.				
14-10 .....	1 1-8	3-4	1 3-4	3-16	1-4	3-8	
8-4 .....	1 1-2	7-8	2	5-16	5-16	5-8	
2-00 .....	2	1	2 1-4	7-16	5-8	5-8	
000-300,000 C. M. ....	2 1-2	1 1-8	2 3-4	7-16	25-32	7-8	
4000,000-1,000,000 C. M. ....	3	1 3-8	3 3-4	5-8	1 1-4	1	

#### 65. Switches.

(For installation rules, see Nos. 8 c, 19 and 24.)

##### General Rules.

a. Must, when used for service switches, indicate, on inspection, whether the current be "on" or "off."

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

##### Knife Switches.

c. Base.—Must be mounted on non-combustible, non-absorptive, insulating bases. Other materials than slate, marble or porcelain must be submitted for special examination before being used. Bases with an area of over twenty-five square inches must have at least four supporting screws. Holes for the supporting screws must be so located or countersunk that there will be at least one-half 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.

d. Mounting.—Pieces carrying the contact jaws and hinge clips must be secured to the base by at least two screws, or else made with a square shoulder, or provided with dowel pins, 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 (65 degrees Centigrade).

e. 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, or their equivalent, so arranged that a firm and secure connection will be maintained at all positions of the switch blades.

f. Metal.—All switches must have ample metal for stiffness and to prevent rise in temperature of any part of over 50 degrees Fahrenheit (28 degrees Centigrade), at full load, the contacts being arranged so that a thoroughly good bearing at every point is obtained with contact surfaces advised for pure copper blades of about one square inch for each seventy-five amperes; the whole device must be mechanically well made throughout.

g. 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 following from the contacts to the bar on the opening of the switch under any circumstances. Metal bars should preferably be covered with insulating material.

To prevent possible 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.

h. Connections.—Switches for currents of over thirty amperes must be equipped with lugs, firmly screwed or bolted to the switch, and into which the conducting wires shall be soldered. For the smaller sized switches simple clamps can be employed, provided they are heavy enough to stand considerable hard usage.

i. Test.—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.

j. Marking.—Must be plainly marked where it can be read when the switch is installed, with the name of the maker and the current and the voltage for which the switch is designed.

Switches designed for 250 volts D. C. or 500 volts A. C. circuits, without fuses on the switch base, must be marked 250 V., D. C., 500 V., A. C. When 250-volt fuse terminals are mounted on the switch base, the marking of the switch must be 250 V., D. C. and A. C. When 600-volt fuse terminals are mounted on the switch base, the terminals must be spaced for 600-volt fuses and the switches marked 500 V., A. C.

Triple pole switches designed with 125-volt spacings, between adjacent blades, must be marked 125 volts, and may be used on 3-wire D. C. or single phase systems having not more than 125 volts between adjacent wires and not more than 250 volts between the two outside wires.

When designed with 250-volt spacings between adjacent blades triple pole switches must be marked 250 volts and may be used on 3-wire D. C. or single phase systems having not more than 250 volts between adjacent wires and not more than 500 volts between the two outside wires.

k. Spacings and Dimensions.—Spacings and dimensions must be at least as great as those given in the following tables:

Table 1.

Not over 125 volts D. C. and A. C.  
For switchboards and panel boards:

	Width and Thickness.		Minimum separation of nearest metal parts of opposite polarity.	Minimum break distance.
	Blades.	Clips and Hinges.		
30 amp. ....	1-2x5-64 in.	1-2x3-64 in.	1 in.	3-4 in.
60 amp. ....			1 1-4 in.	1 in.

Table 2.

Not over 125 volts D. C. and A. C.  
For individual switches:

	Inch.	Inch.	Inch.	Inch.
30 amp. ....	1 1-2x5-64	1-2x3-64	1 1-4	1
60 and 100 amp. ....			1 1-2	1 1-4
200 amp. ....			2 1-4	2
400 and 600 amp. ....			2 3-4	2 1-2
800 and 1000 amp. ....			3	2 3-4

A 300-ampere switch with the spacings of the 200-ampere switch above may be used on switchboards.

Table 3.

250 volts only D. C. and A. C.  
For all switches—

	Inch.	Inch.	Inch.	Inch.
30 amp. ....	1-2x5-64	1-2x3-64	1 3-4	1 1-2

Table 4.

Not over 250 volts D. C. nor over 500 volts A. C.  
For all switches—

	Inch.	Inch.	Inch.	Inch.
30 amp. ....	5-8x1-8	5-8x1-16	2 1-4	2
60x100 " ....			2 1-4	2
200 " ....			2 1-2	2 1-4
400&600 " ....			2 3-4	2 1-2
800&1000 " ....			3	2 3-4

A 300-ampere switch with the spacings of the 200-ampere switch above may be used on switchboards.

Cut-out terminals on switches for over 250 volts must be designed and spaced for 600-volt fuses.

Table 5.

Not over 600 volts D. C. and A. C.  
For all switches—

	Inch.	Inch.	Inch.	Inch.
30 amp. ....	5-8x1-8	5-8x1-16	4	3 1-2
60 " ....			4	3 1-2
100 " ....			4 1-2	4

Auxiliary contacts of either a readily renewable or a quick-break type or the equivalent are recommended for D. C. switches, designed for over 250 volts, and must be provided on D. C. switches designed for use in breaking currents greater than 100 amperes at a voltage of over 250.

For 3-wire direct-current and 3-wire single-phase systems the separation and break distances for plain 3-pole knife switches must not be less than those required in the above table for switches designed for the voltage between neutral and outside wires.

##### Snap Switches.

1. Base.—Current-carrying parts must be mounted on non-combustible, non-absorptive, insulating bases, such as slate or porcelain, and the holes for supporting screws should 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 of non-combustible, non-absorptive, insulating material, which will separate the wires at least one-half of an inch from the surface wired over, must be furnished with all snap switches used in exposed or moulding work.

m. 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 arranged, 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 (65 degrees Centigrade).

n. Metal.—All switches must have ample metal for stiffness and to prevent rise in temperature of any part of over 50 degrees Fahrenheit (28 degrees Centigrade) at full load. The whole device must be mechanically well made throughout.

o. Insulating Material.—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 (100 degrees Centigrade).

p. 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. Switches with the set-screw form of contact will not be approved.

q. Covers.—Covers made of conducting material, except face plates for flush switches, must be lined on sides and top with insulating, tough and tenacious material at least one thirty-second 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.

r. Handle or Button.—The handle or button or any exposed parts must not be in electrical connection with the circuit.

s. Test.—Must "make" and "break" with a quick snap, and must not stop when motion has once been imparted by the button or handle.

Snap switches of the spring break pattern, normally complying with the above requirements, but with movement of the contact carrier under control of the operator at any point in the operation of the device, must be considered in a class with switches of the regular knife blade pattern and conform to the specifications of Section k.

Must operate successfully at 50 per cent. overload in amperes and at 125 volt direct current, for all 125 volt or less switches, and at 250 volts direct current, for all 126 to 250 volt switches under the most severe conditions with which they are liable to meet in practice. For switches rated higher than ten amperes, this test shall be at 25 per cent. overload instead of 50 per cent.

When slowly turned "on" and "off" at the rate not to exceed ten times per minute, while carrying the rated current at rated voltage, must "make" and "break" the circuit six thousand times before failing.

t. Marking.—Must be plainly marked, where it may 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 sub-plate. On other types they must be placed on the front of the cap, cover or plate.

Switches which indicate whether the current is "on" or "off" are recommended.

#### 66. Circuit Breakers.

(For installation rules, see Nos. 8 c, 19, 23 e and f.)

Circuit Breakers for operation on circuits of 550 volts or less must be made to comply with the following specifications, except in those few cases where peculiar design allows the breaker to fulfill the general requirements in some other way, and where it can successfully withstand the test of Section d. In such cases the breakers should be submitted for special examination and approval before being used.

a. Base.—Must be mounted on non-combustible, non-absorptive, insulating bases, such as slate or marble. Bases with an area of over twenty-five square inches must have at least four supporting screws. Holes for the supporting screws must be so located or countersunk that there will be at least one-half of an inch space measured over the surface between the head of the screw or washer and the nearest live metal part, and in cases when between parts of opposite polarity must be countersunk.

b. Mounting.—Pieces carrying contact parts must be secured to the base by at least two screws, or else made with a square shoulder, dowel pin, or equivalent device, to prevent possible turning, and the nuts or screw heads on the under side of the base of "front connected" breakers must be countersunk not less than one-eighth inch, and covered with a waterproof compound which will not melt below 150 degrees Fahrenheit (65 degrees Centigrade). All breakers must be provided with easily accessible means of tripping them by hand without injury to the operator.



c. Breaking Capacity.—Must successfully operate three times with two-minute intervals intervening without incapacitating the breaker, the conditions of the testing current to be as given in the following table:

Current Rating of Breakers.	Per Cent of Voltage Drop in Test Circuit with Rated Current Flowing.	Minimum Available Capacity of Supply System Not Including Overload Capac'y.
0 to 100 Amp.....	2	1,000 Amp.
101 to 300 Amp.....	3	3,000 Amp.
400 Amp.....	4	4,000 Amp.
500 Amp.....	5	5,000 Amp.

No filing of contacts or other repairing of the breaker to be made during the test. Multiple breakers must comply with above requirements whether the test is on all poles at once or on one pole individually.

d. Voltage Test.—Must successfully withstand 2,000 volts A. C. for one minute between live metal and ground, between poles in multi-polar breaker, and between terminals with breaker open.

e. Carrying Capacity.—The maximum rise in temperature at rated current must not exceed 90 degrees Fahrenheit (50 degrees Centigrade) for coils, or 54 degrees Fahrenheit (30 degrees Centigrade) for other parts.

f. Calibration.—Must not have a plus or minus error greater than 10 per cent. at any point of its calibration.

g. Mechanism.—Metal work of automatic overload circuit breakers must be substantial in construction, and must have ample metal for stiffness. The contact parts shall be arranged so that thoroughly good bearings are obtained; the entire device must be mechanically well made throughout.

h. Marking.—Must be plainly marked, where it will be visible when installed, with the name of the maker and the current and voltage for which the device is designed.

67. Cut-Outs.

(For installation rules, see Nos. 8 c, 19, 23, 25 a and 33 a.)

These requirements do not apply to rosettes, attachment plugs, car-lighting cut-outs and protective devices for signaling systems.

General Rules.

a. Must be supported on bases of non-combustible, non-absorptive, insulating material.

b. Cut-outs must be of the enclosed 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.

c. Cut-outs must operate successfully on short-circuits, under the most severe conditions with which they are liable to meet in practice, at 25 per cent. above their rated voltage, and for link fuse cut-outs with fuses rated at 50 per cent. above the current for which the cut-out is designed, and for enclosed fuse cut-outs with the largest fuses for which the cut-out is designed.

d. Must be marked where it will be plainly visible when installed with the name of the maker, and current and voltage for which the device is designed.

Link-Fuse Cut-Outs.

e. Base.—Must be mounted on bases made of strong, non-combustible, non-absorptive, insulating material. The design of the base must be such that, considering the material used, the base will withstand the most severe conditions liable to be met in practice. 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 space, measured over the surface, between the head of the screw or washer and the nearest live metal part.

f. Mounting.—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 (65 degrees Centigrade).

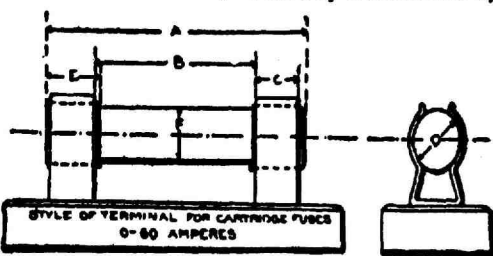
g. Metal.—All fuse-block terminals must have ample metal for stiffness and to prevent rise in temperature of any part of over 50 degrees Fahrenheit (28 degrees Centigrade) at full load. Terminals, as far as practicable, should be made of compact form instead of being rolled out in thin strips; and sharp edges of thin projecting pieces, as on wing thumb nuts and the like, should be avoided. Thin metal, sharp edges and projecting pieces are much more likely to cause an arc to start than a more solid mass of metal. It is a good plan to round all corners of the terminals and to chamfer the edges.

h. 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 thirty amperes, lugs firmly screwed or bolted to the terminals and into which the conducting wires are soldered must be used.

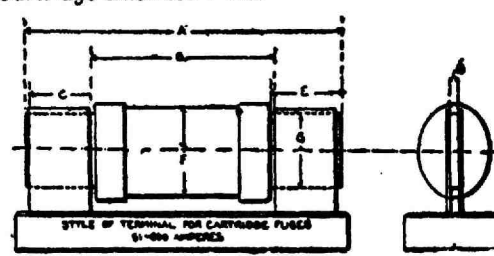
i. Test.—Must operate successfully when blowing only one fuse at a time on short-circuits with fuses rated at 50 per cent. above and within a voltage 25 per cent. above the current and voltage for which the cut-out is designed.

j. Spacings.—Spacings must be at least as great as those given in the following table, which applies only to plain, open-link fuses mounted on slate or marble bases. The spaces given are correct for fuse-blocks to be used on direct-current systems, and can therefore be safely followed in devices designed for alternating currents. If the copper fuse-tips overhang the edges of the fuse-block terminals, the spacings should be measured between the nearest edges of the tips.

		Minimum Separation of Nearest Metal Parts of Opposite Polarity.	Minimum Break-Distance.
Not Over 125 Volts:			
10 amperes or less.....	3-4 inch	3-4 inch	
11-100 amperes.....	1 inch	3-4 inch	
101-300 amperes.....	1 inch	1 inch	



Form 1. Cartridge Fuse—Ferrule Contact.



Form 2. Cartridge Fuse—Knife Blade Contact.

Voltage.	Rated Capacity. Amperes.	A.	B.	C.	D.	E.	F.	G.	Rated Capacity. Amperes.
		Length Over Terminals. Inches.	Distance Between Contact Clips. Inches.	Width of Contact Clips. Inches.	Diameter of Ferrules or Thickness of Terminal Blades. Inches.	Minimum Length of Ferrules or of Terminal Blades Outside of Tube. Inches.	Diameter of Tube. Inches.	Width of Terminal Blades. Inches.	
Not over 250.....	0-30	Form 1..... 2	1	1-2	9-16	1-2	1-2	....	Form 1..... 0-30
	31-60	Form 1..... 3	1 3-4	5-8	13-16	5-8	3-4	....	Form 1..... 31-60
	61-100	Form 2..... 5 7-8	4	7-8	1-8	1	1	3-4	Form 2..... 61-100
	101-200	Form 2..... 7 1-8	4 1-2	1 1-4	3-16	1 3-8	1 1-2	1 1-8	Form 2..... 101-200
	201-400	Form 2..... 8 5-8	5	1 3-4	1-4	1 7-8	2	1 5-8	Form 2..... 201-400
	401-600	Form 2..... 10 3-8	6	2 1-8	1-4	2 1-2	2 1-2	2	Form 2..... 401-600
Not over 600.....	0-30	Form 1..... 5	4	1-2	13-16	1-2	3-4	....	Form 1..... 0-30
	31-60	Form 1..... 5 1-2	4 1-4	5-8	1 1-16	5-8	1	....	Form 1..... 31-60
	61-100	Form 2..... 7 7-8	6	7-8	1-8	1	1 1-4	3-4	Form 2..... 61-100
	101-200	Form 2..... 9 5-8	7	1 1-4	3-16	1 3-8	1 3-4	1 1-8	Form 2..... 101-200
	201-400	Form 2..... 11 5-8	8	1 3-4	1-4	1 7-8	2 1-2	1 5-8	Form 2..... 201-400



g. Dimensions—Cartridge enclosed fuses and corresponding cut-out blocks, except for sealable service and meter cut-outs, must conform to the dimensions given in the table attached.

h. Rating.—Fuses must be so constructed that with the surrounding atmosphere at a temperature of 75 degrees Fahrenheit (24 degrees Centigrade) they will carry indefinitely a current 10 per cent. greater than that at which they are rated, and at a current 25 per cent. greater than the 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 the rating and at room temperature of 75 degrees Fahrenheit (24 degrees Centigrade), the fuses starting cold, must blow within the time specified below:—

0-30 amperes.....	1 minute.
31-60 ".....	2 minutes.
61-100 ".....	4 "
101-200 ".....	6 "
201-400 ".....	12 "
401-600 ".....	15 "

i. Marking.—Must be marked, where it will be plainly visible, with the name or trade-mark of the maker, the voltage and current for which the fuse is designed, and the words "National Electrical Code Standard." Each fuse must have a label, the color of which must be green for 250-volt fuses and red for 600-volt fuses.

j. Temperature Rise.—The temperature of the exterior of the fuse enclosure must not rise more than 125 degrees Fahrenheit (70 degrees Centigrade) above that of the surrounding air when the fuse is carrying the current for which it is rated.

k. Test.—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 on a system of the voltage for which the fuse is rated. The normal capacity of the system must be in excess of the load on it just previous to the test by at least five times the rated capacity of the fuse under test.

The resistance of the circuit up to the cut-out terminals must be such that the impressed voltage at the terminals will be decreased one per cent. when a current of 100 amperes is passed between them.

#### 69. Panel Boards.

a. Design.—The specifications for construction of switches and cut-outs (see Nos. 65 and 67) must be followed as far as they apply.

In the relative arrangement of fuses and switches, the fuses may be placed between the bus-bars and the switches, or between the switches and the circuits, except in the case of service switches, when Rule 23a must be complied with. When the branch switches are between the fuses and bus-bars, the connections must be so arranged that the blades will be dead when the switches are open.

When there are exposed live metal parts on the back of a board, or when the board will be subject to moisture, a space of at least one-half inch must be provided between such live metal parts and the cabinet in which board is mounted.

b. Spacings.—The following minimum distance between bare live metal parts (bus-bars, etc.) must be maintained:—

Between Parts of Opposite Polarity, Except at Switches and Link Fuses. When Mounted on the Same Surface.	Between Parts of Same Polarity.	
	When Held Free in Air.	At Link Fuses.
Not over 125 volts. 3-4 inch.....	1-2 inch.	1-2 inch.
Not over 250 " 1 1-4 ".....	3-4 "	3-4 "
Not over 600 " 2 ".....	1 3-4 "	

c. Marking.—Must be marked where the marking can be plainly seen when installed, with the name or trade-mark of the manufacturer and the maximum capacity in amperes and the voltage for which the board is designed.

#### 70. Cabinets.

For panel and distributing boards, cut-outs and switches.

(For installation rules, see Nos. 8 d, 19 b-d, 23 c and 24 b.)

a. Design.—Must in all cases be so constructed as to insure ample strength and rigidity and be dust-tight.

When doors are of metal, and less than 0.109 inch (No. 12 U. S. Sheet Metal gage) in thickness and are not lined with insulating material, there must be a space of at least one inch between the door and an enclosed fuse or any live metal part. A space of at least two inches must be provided between open-link fuses and metal, metal-lined or glass paneled doors of cabinets. Except as above specified, there must be a space of at least 1-2 inch between the walls, back or door of any cabinet and any exposed live metal part. Cabinets must be deep enough to allow the door to be closed when 30 ampere branch circuit switches are in any position, and when larger single throw switches are thrown open as far as their construction and installation will permit.

There must be a space of at least 1-2 inch between the walls, the gutter partition, if of metal, and back of any cabinet and the nearest exposed current-carrying part of devices mounted within the cabinet.

Where branch and feeder circuit wires are led around the inside of the cabinet from terminals of panel boards, ample space must be provided within the cabinet so that it will not be necessary to run the wires upon the face of the panel-board. This space or gutter must be partitioned off from the panel board face by a barrier extending from the base of the panel-board to the front of the cabinet and firmly secured in position. These barriers if of metal must be of a thickness at least that of the walls of the box and must have bushed holes for wires. If barriers are of slate or marble they must be at least one-half inch in thickness and if of approved composition they must be at least one-quarter inch in thickness.

b. Material.—May be either of cast or sheet metal, wood or approved composition. Wooden or composition cabinets must not be used on metal conduit, armored cable or metal moulding systems.

All metal used in construction of cabinets, including linings, if any, must be thoroughly painted or otherwise treated to prevent corrosion.

c. Wooden Cabinets.—Wood must be well seasoned and at least 3-4 inch thick and be thoroughly filled and painted, and must be lined with a non-combustible material.

d. Linings.—In all cabinets, linings of slate, marble or approved composition must be at least 1-4 inch thick and firmly secured in place; when metal is used for the lining it must be at least No. 16 U. S. Sheet Metal gage in thickness. For lining wooden cabinets 1-8 inch rigid asbestos board may be used when firmly secured in place by screws or tacks.

e. Composition Cabinets.—Only approved material should be used, and in no case less than 3-4 of an inch in thickness.

f. Metal Cabinets.—If cast metal is used a thickness of at least 1-8 inch must be provided. Sheet metal must not be less than .0625 inch thick (No. 16 U. S. Sheet Metal gage), and must in every case be of sufficient thickness or so reinforced as to comply with Section (a) "Design." In steel cabinets having an area of more than 360 square inches for any surface or having a single dimension greater than 2 feet, sheet metal must be used at least No. 14 U. S. Sheet Metal gage in thickness; in those having an area of more than 1,200 square inches for any surface, or having a single dimension greater than 4 1-2 feet, the sheet metal must be at least No. 12 U. S. Sheet Metal gage in thickness.

g. Doors.—Must shut closely at all edges against a rabbet formed as a part of the door or trim or must have turned flanges at all edges. Hinges must be of strong and durable design. A substantial latch or catch must be provided so as to keep the door closed, and a lock may be used in addition to the catch if desired.

When doors have glass panels the glass must be at least 1-8 inch thick (commercial thickness), and must not have a greater area than 450 square inches unless plate glass at least 1-4 inch in thickness is used.

h. Marking.—Must be marked with manufacturer's name where the name can be plainly seen when the cabinet is installed.

#### 71. Rosettes.

a. Base.—Current-carrying parts must be mounted on non-combustible, non-absorptive, insulating bases. There should be no openings through the rosette base except those for the supporting screws and in the concealed type for the conductors also, and these openings should not be made any larger than necessary.

There must be at least 1-4 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 the knob and cleat type must have at least two holes for supporting screws; must be high enough to keep the wires and terminals at least 1-2 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 1-2 inch.

Bases for the moulding and conduit box types must be high enough to keep the wires and terminals at least 3-8 inch from the surface wired over.

b. 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 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 (65 degrees Centigrade).

c. Terminals.—Line terminal plates must be at least .06 inch in thickness, and terminal screws must not be smaller than No. 6 standard screw with about 32 threads per inch.

Terminal plates for the flexible cord and for fuses must be at least .06 inch in thickness. The connection to these plates shall be by binding screws not smaller than No. 5 standard screw with about 40 threads per inch. At all binding screws for line wires and for flexible cord, upturned lugs, or some equivalent arrangement, must be provided which will secure the wires being held under the screw heads.

d. Cord Inlet.—The diameter of the cord inlet hole should measure 13-32 inch in order that standard portable cord may be used.

e. Knot Space.—Ample space must be provided for a substantial knot tied in the cord as a whole.

All parts of the rosette upon which the knot is likely to bear must be smooth and well rounded.

f. Cover.—When the rosette is made in two parts, the cover must be secured to the base so that it will not 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 also to prevent any flash or melted metal from being thrown out when the fuses melt.

g. Marking.—Must be plainly marked where it may readily be 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.

h. Test.—Fused rosettes must have a fuse in each pole and must operate successfully when short-circuited on the voltage for which they are designed, the test being made with the two fuses in circuit.

#### 72. Sockets.

(For installation rules, see No. 31.)

a. Classification.—Sockets to be classed according to diameters of lamp bases, as Candelabra, Medium and Mogul Base, to be known respectively as 1-2 inch, 1 inch and 1 1-2 inch nominal sizes, with ratings as specified in the following table:

Class.	Nominal Diam.	Key.		Ratings.		Keyless.	
		Watts.	Volts.	Max. amp. at any Voltage.	Watts.	Volts.	Max. amp. at any Voltage.
Candelabra.....	1-2 in.	75	125	3-4	75	125	1
Medium.....	1 in.	250	250	2 1-2	660	250	6
		(a) 660	250	6	660	600	
Mogul.....	1 1-2 in.				1500	250	
				(b)	1500	600	

(a) This rating may be given only to sockets having a switch mechanism which produces both a quick "make" and a quick "break" action.

(b) Ratings to be assigned later, pending further discussion with manufacturers. Miniature sockets and receptacles having screw shells smaller than the candelabra size may be used for Decorative Lighting Systems, Christmas Tree Lighting Outfits and similar purposes. See No. 37.

b. Marking.—All sockets and receptacles must be marked with the name or trade-mark of the manufacturer and with the watts and volts which apply to the class. The rating marks may be abbreviated, as, for example, "250 W., 250 V."

Double-ended Sockets.—Each lamp holder to be rated as specified above, the device being marked with a single marking applying to each end.

c. Shell.—Metal used for shells must be moderately hard, but not hard enough 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 for Mogul sockets not less than twenty-five one-thousandths of an inch, and shells of any other material must be thick enough to give the equivalent stiffness and strength.

d. Lining.—The inside of metal 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 sockets should become loosened or detached from their position under the terminal screws.

The material used for lining must be at least one thirty-second of an inch in thickness, and must be firm, compact, 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 is preferable to have the lining in one piece. The lining must not extend beyond the metal shell more than one-eighth of an inch, but must prevent any current-carrying part of the lamp base from being exposed when a lamp is in the socket.

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

e. Cap.—Caps when made of sheet brass must be at least thirteen one-thousandths of an inch in thickness and twenty-five one-thousandths for Mogul sockets, and when cast or made of other metals must be of equivalent strength.

The inlet piece must contain sufficient metal for five full threads, and when not in one piece with the cap must be riveted or otherwise secured 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.

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

Brass pieces containing terminal screws must be sufficiently heavy to give ample strength and stiffness, and have at least six one-hundredths of an inch of thread for terminal screws.

Terminal post screws must not be smaller than No. 5 stranded screw, with about forty threads per inch.

g. Spacing.—For Candelabra sockets and Medium size sockets rated at 250 volts, points of opposite polarity must everywhere be kept not less than three sixty-fourths of an inch apart, and for Mogul sockets and sockets rated at 600 volts not less than one-eighth of an inch apart, provided, however, if substantial barriers of approved insulating material are used to separate such parts, these distances may be correspondingly reduced, but in no event must the separation distances measured over the surfaces of the barriers be less than those specified above.

h. Connections.—The connecting points for the flexible cord must be made to very securely grip a No. 16 or 18 B. & S. gage conductor. An upturned lug, arranged so that the cord may be gripped between the screw and the lug in such a way that it cannot possibly come out, is strongly advised.

i. 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 and socket.

j. Base.—The base on which current carrying parts are mounted must be of porcelain or other non-combustible, non-absorptive, insulating material approved for such use.

k. Key.—The key handle must not soften or become injured when used to operate the socket at a temperature of 150 degrees Fahrenheit. The handle should be thoroughly substantial and securely, but not necessarily, rigidly attached to the spindle or lever which it is designed to control.



l. 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 below 200 degrees Fahrenheit (93 degrees Centigrade).

m. Assembly.—The socket as a whole must be so put together that parts will not rattle loose or fall apart under the most severe conditions they are likely to meet with in practice. The base of the socket must be secured or held in the shell in such a manner as to prevent turning or displacement relative to the shell.

n. Test.—Sockets when slowly turned "on" and "off" at a rate of approximately ten times per minute, while carrying a load of six-tenths of an ampere at 125 volts for Candelabra, and one ampere and three amperes at 250 volts for Medium sized 250 watt and 600-watt sockets respectively, must "make" and "break" the circuit 6,000 times before failing, and when new must operate successfully at least 50 times at 50 per cent. in excess of the above currents based on either 125 and 250 volts direct current and except for pull sockets when operated in either direction in any position.

o. Keyless Sockets.—Keyless sockets of all kinds must comply with the requirements for key sockets as far as they apply.

p. Sockets of Insulating Material.—Sockets made of porcelain or other insulating material must conform to the above requirements as far as they apply, and all parts must be strong enough to withstand a moderate amount of hard usage without breaking.

Lead wires permanently attached to sockets and sealed in place must have separate outlets or be separated not less than one-quarter of an inch in the clear. The wires must be stranded and have approved insulating coverings.

q. 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.

73.

74. Arc Lamps.

(For installation rules, see Nos. 21 and 33.)

a. Must be provided with reliable stops to prevent carbons from falling out in case the clamps become loose.

b. All exposed parts must be carefully insulated from the circuit.

c. 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 on the lamp itself, must comply with requirements for switches on hanger-boards as laid down in No. 73.

d. Terminals must be designed to secure a thoroughly good and permanent contact with supply wires, which contact must not become loosened by motion of the lamp during trimming.

75. Spark Arresters.

(For installation rules, see No. 33 c.)

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

76. Insulating Joints.

(For installation rules, see No. 30 a.)

a. Material.—Must, with the exception of exterior finishing or waterproofing material, be made entirely of material that will resist the action of illuminating gases, and that will not give way or soften under the heat of an ordinary gas flame.

b. Design.—Must, with the exception of insulating studs designed to be mounted with screws or bolts, have a substantial exterior metal casing insulated from both screw connections.

All exposed surfaces of insulating material must be smooth, hard and waterproof.

c. Dielectric Strength.—Must show a dielectric strength between pipe attachments and between either pipe attachment separately and the exterior metal casing sufficient to resist throughout five minutes the application of an A. C. electro-motive force of 4,000 volts.

d. Mechanical Strength.—Must be sufficiently strong to resist the strain to which they are liable to be subjected during installation.

Joints made for attachment to pipes of nominal three-fourths inch diameter or smaller must be able to withstand, without injury, a twisting effect at least as great as that required to cause the threads to give way on ordinary commercial iron gas pipe of the largest size upon which the joint can be threaded. This test need not be applied to insulating studs designed to be mounted with screws or bolts.

e. Must be threaded for standard iron pipe (Brigg's standard thread) or for brass tube pipe standard thread as given in the following table:

Standard Iron Pipe.

Trade Size.	Actual Outside Diameter, Inches.	No. of Threads to the Inch.
1-8.....	.405	27
1-4.....	.540	18
3-8.....	.675	18
1-2.....	.840	14
3-4.....	1.050	14
1.....	1.315	11 1-2
1 1-4.....	1.660	11 1-2
1 1-2.....	1.900	11 1-2
2.....	2.375	11 1-2
2 1-2.....	2.875	8
3.....	3.500	8

Joints to fit standard brass tubing having outside diameters or trade name sizes from 1-4 inch to 3-4 inch must be threaded with 27 threads to the inch.

77. Fixtures.

(For installation rules, see Nos. 24 e, and 26 v to y and 30. For construction of wires, see No. 55.)

a. Material.—Must be of metal or hard wood except that other approved material may be used if reinforced by metal or otherwise constructed to secure requisite mechanical strength.

In all cases mechanical strength must be secured practically equivalent to an all-metal fixture of similar size and form.

b. Assembly.—All arms must be reliably secured to prevent turning. Arms of threaded tubing must not be lighter than No. 18 B. & S. gage and with screw joints of arms there must be not less than five threads, all engaging. All methods of fastening arms or making joints between metal parts by soldering, brazing or otherwise, must be such as to secure in every case ample strength and reliability.

Must be so assembled as to furnish accessibility for inspection, or in lieu thereof must be inspected at the factory.

c. Sockets.—Must, except on pendant cords, be attached to the metal of the fixtures and must be secured in a reliable and permanent manner.

Receptacles having exposed terminals must not be used in canopies or in any part of fixtures unless completely enclosed in metal.

d. Wireways.—All burrs, fins and sharp edges liable to injure wire coverings must, where practicable, be removed or rounded, but in every case it must be possible to pull in and also to withdraw the wires without injuring them. Where supply wires enter fixture stems or casings there must be suitable fittings having smooth rounded edges to prevent injury to the wire coverings.

In non-metallic fixtures wireways must be metal-lined, unless approved armored conductors with suitable fittings are used.

On chains or similar parts, where conductors are not completely enclosed in metal, wires must be stranded and must have rubber insulation not less than 1-32 inch in thickness, or approved pendant or portable cord may be used.

f. Markings.—Must be marked with the manufacturer's name or trade-mark.

g. Test.—Must be tested in an approved manner for short circuits between conductors and for contacts between conductors and metal parts of fixtures.

h. Showcase fixtures, ceiling bulls-eyes, dome fixtures and similar types must be sufficiently ventilated, where possible, to avoid exposing the wiring to high temperatures and the wiring at such fixtures should be so disposed as to be kept as free as possible from excessive temperatures.

78. Rheostats, Resistance Boxes and Equalizers.

(For installation rules, see Nos. 4 a and 8 c.)

a. Materials.—Must be made entirely of non-combustible materials, except such minor parts as handles, magnet insulation, etc. All segments, lever arms, etc., must be mounted on non-combustible, non-absorptive insulating material.

b. Construction.—Must be so constructed that when mounted on a plane surface the casing will make contact with such surface only at the points of support. An air space of at least 1-4 inch between the rheostat casing and the supporting surface will be required.

The construction throughout must be heavy, rugged and thoroughly workman-like.

c. Connections.—Clamps for connecting wires to the terminals must be so designed as to insure a thoroughly good connection, and must be sufficiently strong and heavy to withstand considerable hard usage. For currents above thirty amperes, lugs into which the connecting wires may be soldered, or approved solderless connectors, must be used. Clamps or lugs will not be required when leads are provided as a part of the device.

d. Marking.—Must be plainly marked, where it may be readily seen after the device is installed, with the rating and the name of the 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."

e. Contacts.—The design of the fixed and movable contacts and the resistance in each section must be such as to secure the least tendency toward 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.

f. No-Voltage Release.—Motor-starting rheostats must be so designed that the contact arm cannot be left on intermediate segments, and for direct current circuits 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 normal value. In motor-starting rheostats for alternating current circuits the automatic interrupting device may be omitted.

g. Overload-Release.—Overload-release devices which are inoperative during the process of starting a motor will not be approved, unless other circuit-breakers or fuses are installed in connection with them.

h. Test.—Must, after 100 operations under the most severe normal conditions for which the device is designed, 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. Resistances intended for intermittent use (such as on electric cranes, elevators, etc.) 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.

Starting duty resistances for direct current motors shall be so constructed that when the voltage marked on the name plate or not more than 10 per cent. in excess thereof is applied to the main line terminals, and the starting arm or other starting mechanism is operated at such a rate that the current through the resistance does not fall below the rated full load current, and this test is continued for not more than three minutes, there shall be no resultant flaming or molten droppings; or if the resistance conductor is fused, the arc or any attendant flame or molten droppings shall be confined within the rheostat.

Starting duty resistances for alternating current motors shall be tested as specified above for direct current starting resistances, except that for starters especially designed for squirrel cage or single phase motors the test conditions shall be so modified either by reduction in the applied voltage or by the use of supplementary resistances as to produce approximately the same current conditions as will be met with in service.

Continuous duty resistances shall either be so constructed that if the resistive conductor be fused the arc or any attendant flame or molten droppings shall be confined within the rheostat or they shall be constructed with such capacity that if subjected to a current flow throughout the entire rheostat, 25 per cent. in excess of that at which they are rated, for a period of two hours, there shall be no resultant flaming or molten droppings.

79. Auto-Starters.

(For installation rules, see No. 8 d.)

Construction and Test of Auto-Starters Ranging to a Maximum of 100 Horse Power and 3,500 Volts.

Construction—

a. Coils and switches of auto-starters used in dusty and linty places or where exposed to flyings of combustible material, must be completely enclosed in substantial metal cases so constructed as to effectually exclude ordinary dust, lint or flyings of combustible material.

Auto-starters used in places where the above conditions do not exist, may be of any approved type.

Cases for either transformer coils or switches must provide for access to the interior for inspection and for renewal of oil, and must be so constructed that when mounted on a plain surface the casing will make contact with such surface only at points of support. An air space at least 1-4 of an inch between the casing and supporting surface will be required.

The oil tank shall be marked in a suitable manner to indicate the proper oil level.

The switch must provide an off position, a running position and at least one starting position. It must be so arranged that it will be held in off and running positions but cannot be left in a starting position or without the proper running overload protective devices in the circuit.

The construction throughout must be thoroughly substantial.

b. Connections.—

Clamps for connecting wires to the terminal boards must be so designed as to insure a thoroughly good connection and must be sufficiently strong and heavy to withstand considerable hard usage. For currents above thirty amperes, lugs into which the connecting wires may be soldered, or approved solderless connectors, must be used. Clamps or lugs will not be required when leads are provided as a part of the device.

c. Marking.—

Must be plainly marked, where it may be readily seen after the device is installed, with the rating and name of the maker; terminals to be so marked as to indicate to what part of the circuit each is to be connected.

d. Insulation Test.—

The insulation of the completely assembled apparatus must withstand for one minute a potential test between live metal parts and frame, core and case as follows:

Rated Terminal Voltage of Circuit.	Testing Voltage.
Not exceeding 400 volts.....	1500 volts
401-800.....	2000 "
801-1200.....	3500 "
1201-2500.....	5000 "
2500 up.....	Double normal rated Voltages

e. Tests.—

With full line voltage applied to line terminals and current taken from taps giving between 40 and 60 per cent. of the normal line voltage, 300 per cent. of full load current of the motor applied for the first 15 seconds of each 4-minute period for not more than one hour must show no resultant flaming or molten droppings. The oil, if any, in which the transformer windings are immersed shall not overflow the containing case.

80. Reactive Coils and Condensers.

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

b. Condensers must be treated like 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, in general, treated as sources of heat.



## 81. Transformers.

(For installation rules, see Nos. 11, 14, 15, 36 and 45.)  
Air Cooled Transformers.

## a. Construction.—

Must be placed in substantial metallic or other non-combustible cases, which completely enclose all current-carrying parts, with the exception of the terminals of the secondary winding of bell or other signaling transformers which may be mounted outside the casing.

Must be so constructed that when mounted on a plane surface the casing will make contact with such surface only at the points of support. An air space of at least one-fourth of an inch between the transformer casing and the supporting surface will be required.

The construction throughout must be substantial and thoroughly workmanlike.

## b. Marking.—

Must be plainly marked where it will be readily seen after the transformer is installed with the name of maker, with the frequency, the primary and all secondary voltages, and the rated capacity in kilo-volt-amperes.

## c. Test.—

Must be constructed to comply with the following tests:

1. The secondary winding shall be short circuited and normal voltage shall be applied to the primary winding for a period sufficiently long either to cause a burnout or to cause the casing to attain a constant temperature. If the transformers when so tested burn out there shall be no escape of flames or molten metal.

2. When heated to normal full load operating temperature the insulation of the transformer shall withstand continuously for one minute a difference of potential (alternating), between high voltage coils and between the high voltage coils and the core, in accordance with the Standardization Rules of the American Institute of Electrical Engineers.

## d. Bell Ringing or Other Signaling Transformers.—

Transformers for bell-ringing or other signaling service only must be constructed in accordance with the following specifications and may be approved for use when all wiring on the primary side is in accordance with the requirements of Class C.

1. Must comply with the requirements of a and b above and also with the following specifications.

2. Provision shall be made for connecting the primary winding to the supply circuit by leads of approved rubber-covered wire not smaller than No. 14 B. & S. gage, which must be securely soldered within the case to the ends of the primary coil. These leads must pass through the walls of the case through insulating bushings which must separately insulate each conductor. The leads must extend at least 6 inches outside the case and provision must be made to prevent strain coming on the points where the leads are attached to the primary winding.

3. The primary voltage rating shall not be over 125 volts.

The design of the transformer shall be such that when any two secondary terminals are short-circuited, while 110 volts (60 cycles) are impressed on the primary circuit shall not be more than 25 watts.

4. In addition to the test prescribed in c above, the transformers shall be run at normal primary voltage and with secondary short circuited until a constant temperature is reached as indicated by a mercury thermometer on the outside of the case. The rise in temperature so measured shall not exceed 50 degrees Centigrade.

At the end of the heating test above, the insulation shall withstand for one minute the application of 2,500 volts A. C. between primary and secondary coils and between primary and the core or case.

5. The proper terminals must be marked "Line" and "Bell."

## 82. Lightning Arresters.

(For installation rules, see No. 5.)

a. Lightning arresters must be of approved construction.

## 83. Electric Signs (for Low Potential System Only.)

(For installation rules, see No. 23 d.)

## a. Material.—Must be constructed entirely of metal.

Sheet metal must be not less than No. 28 U. S. Sheet Metal gage.

All metal must be galvanized, enameled, treated with at least three coats of anti-corrosive paint, or otherwise protected in an approved manner against corrosion.

b. Construction.—Must be so constructed as to secure ample strength and rigidity.

Must be so constructed as to be practically weatherproof and so as to enclose all terminals and wiring other than the supply leads, except that open work will be permitted for signs on roofs or open ground where not subject to mechanical injury, provided the wiring is in accordance with Section "e" below.

Cut-out transformers, unless of weatherproof type, flashers and other similar devices on or within the sign structure, must be in a separate, completely enclosed, accessible and weatherproof compartment, or in a substantial weatherproof box or cabinet of metal of thickness not less than that of the metal of the sign itself.

Each compartment must have suitable provision for drainage through one or more holes each not less than one-quarter inch in diameter.

c. Marking.—Must have the maker's name or trade mark permanently attached to the exterior.

d. Receptacles.—Must be so designed as to afford permanent and reliable means to prevent possible turning; must be so designed and placed that terminals will be at least one-half inch from other terminals and from metal of the sign, except that where open work is permitted this separation must be one inch.

Miniature receptacles will not be approved for use in outdoor signs.

e. Wiring.—Must be approved rubber covered, not less than No. 14 B. & S. gage, and, except where open work is permitted, must be double braided.

Must be neatly run and so disposed and fastened as to be mechanically secure.

Must be soldered to terminals, and exposed parts of wires and terminals must be treated to prevent corrosion.

Must, where they pass through walls or partitions of the sign be protected by approved bushings.

On outside of sign structure, except where open work is permitted, must be in approved metal conduit or in approved lead sheathed armored cable.

For open work, wires must be rigidly supported on non-combustible, non-absorptive insulators which separate the wires at least one inch from the surface wired over. Rigid supporting requires, under ordinary conditions where wiring over flat surfaces, supports at least every four and one-half feet. If the wires are liable to be disturbed the distances between supports should be shortened.

In those parts of circuits where wires are connected to approach receptacles which hold them at least one inch from surface wired over, and which are placed not over one foot apart, such receptacles will be considered to afford the necessary support and spacing of the wires. Between receptacles more than one foot, but less than two feet apart, an additional non-combustible, non-absorptive insulator maintaining separation and spacing equivalent to the receptacles, must be used. Except as above specified wires must be kept apart at least two and one-half inches for voltages up to 300, and four inches for higher voltages.

f. Leads from signs must pass through the walls of the sign either through approved metal conduit or armored cable, or must be neatly cabled and pass through one or more bushings of approved non-combustible, non-absorptive insulating bushings.

g. Not over 1,320 watts shall be dependent upon final cutout.

## 84.

CLASS E.  
MISCELLANEOUS.

## 85. Signaling Systems.

Governing wiring for telephone, telegraph (except wireless telegraph apparatus), district messenger and call-bell circuits, fire and burglar alarms, and all similar systems which are hazardous only because of their liability to become crossed with electric light, heat or power circuits.

a. Outside wires should be run in underground ducts or strung on poles, and kept off of the roofs of buildings, except by special permission, and must not be placed on the same cross-arm with electric light or power wires. They should not occupy the same duct, manhole or handhole of conduit systems with electric light or power wires.

Single manholes, or handholes separated into sections by means of partitions of brick or tile will be considered as conforming with the above rule.

When the entire circuit from Central Station to building is run in underground conduits, Sections b to m inclusive do not apply.

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

When the wires are carried in approved cables, the next three sections (c, d and e) do not apply.

c. Where wires are attached to the outside walls of buildings, they must have an approved rubber insulating covering, and on frame buildings or frame portions of other buildings shall be supported on glass or porcelain insulators, or knobs.

d. The wires from last outside support to the cut-outs or protectors must be of copper, and must have an approved rubber insulation; must be provided with drip loops immediately outside the building and at entrance.

e. Wires must enter building through approved non-combustible, non-absorptive insulating bushings sloping upward from the outside, and both wires may enter through the same bushing, if desired.

Installations Where the Current-Carrying Parts of the Apparatus Installed Are Capable of Carrying Indefinitely a Current of Ten Amperes.

f. An all-metallic circuit shall be provided, except in telegraph systems.

g. At the entrance of wires to building, approved single pole cut-outs, designed for 251-600 volts potential and containing fuses rated at not over ten amperes capacity, shall be provided for each wire. These cut-outs must not be placed in the immediate vicinity of easily ignitable stuff, or where exposed to inflammable gases, or dust or to flyings of combustible material.

h. The wires inside building shall be of copper not less than No. 16 B. & S. gage, and must have insulation and be supported, the same as would be required for an installation of electric light or power wiring, 0-600 volts potential.

i. The instruments shall be mounted on bases constructed of non-combustible, non-absorptive insulating material. Holes for the supporting screws must be so located, or counter-sunk, that there will be at least one-half inch space, measured over the surface, between the head of the screw and the nearest live metal part.

Installations Where the Current-Carrying Parts of the Apparatus Installed Are Not Capable of Carrying Indefinitely a Current of Ten Amperes.

j. Must be provided with an approved protective device located as near as possible to the entrance of wires to building. The protector must not be placed in the immediate vicinity of easily ignitable stuff, or where exposed to inflammable gases or dust or flyings of combustible materials.

k. Wires from entrance to building to protector must be supported on porcelain insulators, so that they will come in contact with nothing except their designed supports.

l. The ground wire of the protective device shall be run in accordance with the following requirements:

1. Shall be of copper and not smaller than No. 18 B. & S. gage.

2. Must have an insulating covering approved for voltages from 0 to 600, except that the preservative compound may be omitted.

3. Must run in as straight a line as possible to a good permanent ground. This may be obtained by connecting to a water or gas pipe connected to the street mains or to a ground rod or pipe driven in permanently damp earth. When connections are made to pipes, preference shall be given to water pipes. If attachment is made to gas pipe, the connection in all cases must be made between the meter and the street mains. In every case the connection shall be made as near as possible to the earth.

When the ground wire is attached to a water pipe or a gas pipe, it may be connected by means of an approved ground clamp fastened to a thoroughly clean portion of said pipe, or the pipe shall be thoroughly cleaned and tinned with rosin flux solder, and the ground wire shall then be wrapped tightly around the pipe and thoroughly soldered to it.

When the ground wire is attached to a ground rod driven into the earth, the ground wire shall be soldered to the rod in a similar manner.

Steam or hot-water pipes must not be used for a protector ground.

m. The protector to be approved must comply with the following requirements:

For Instrument Circuits of Telegraph Systems.

1. An approved single pole cut-out in each wire, designed for 2,000 volts potential, and containing fuses rated at not over one ampere capacity. When main line cut-outs are installed as called for in Section g, the instrument cut-outs may be placed between the switchboard and the instrument as near the switchboard as possible.

For All Other Systems.

1. Must be mounted on non-combustible, non-absorptive insulating bases, so designed that when the protector is in place, all parts which may be alive will be thoroughly insulated from the wall to which the protector is attached.

2. Must have the following parts:

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.

A fuse designed to open the circuit in case the wires 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.

A heat coil, if the sensitiveness of the instrument demands it, which will operate before a sneak current can damage the instrument the protector is guarding.

Heats coils are necessary in all circuits normally closed through magnet windings, which cannot indefinitely carry a current of at least five amperes.

The heat coil is designed to warm up and melt out with a current large enough to endanger the instruments if continued for a long time, but so small that it would not blow the fuses ordinarily found necessary for such instruments. The smaller currents are often called "sneak" currents.

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

An easily read abbreviation of the above words will be allowed.

The following rules apply to all systems, whether the wires from the Central Office to the building are overhead or underground:

n. Wires beyond the protector, or wires inside buildings where no protector is used, must be neatly arranged and securely fastened in place in some convenient, workmanlike manner.

They must not come nearer than two inches to any electric light or power wire in the building, unless separated therefrom by some continuous and firmly fixed non-conductor creating a permanent separation; this non-conductor to be in addition to the regular insulation on the wire.

o. Wires where bunched together in a vertical run within any building must have a fire-resisting covering sufficient to prevent the wires from carrying fire from floor to floor unless they are run either in non-combustible tubing or in a fireproof shaft, which shaft must be provided with fire stops at each floor.

Signaling wires and electric light or power wires may be run in the same shaft, provided that one of these classes of wires is run in non-combustible tubing, or provided that when run otherwise these two classes of wires shall be separated from each other by at least two inches.

In no case shall signaling wires be run in the same tube with electric light or power wires.

p. Transformers or other devices for supplying current to signaling systems from light, heat or power circuits must be of a design expressly approved for this purpose. The primary wiring must be installed in accordance with the rules for "Class C," and the secondary wiring in accordance with "Class E."

## 86. Wireless Telegraph Apparatus.

In setting up Wireless Telegraph apparatus (so called) all wiring within the building must conform to the Rules and Requirements of this Code for the class of work installed and the following additional specifications:—

a. Aerial conductors must be permanently and effectively grounded at all times when station is not in operation by a conductor not smaller than No. 4 B. & S. gage copper wire, run in as direct line as possible to water pipe at a point on the street side of all connections to said water pipe within the premises, or to some other equally satisfactory earth connection.

b. Aerial conductors when grounded as above specified must be effectively cut off from all apparatus within the building.

c. Or the aerial must be permanently connected at all times to earth in the manner specified above, through a short-gap lightning arrester, said arrester to have a gap of not over .015" between brass or copper plates not less than 2 1-2" in length parallel to the gap and 1 1-2" the other way with a thickness of not less than 1-8" mounted upon non-combustible, non-absorptive insulating material of such dimensions as to give ample strength. Other approved arresters of equally low resistance and equally substantial construction may be used.

d. In cases where the aerial is grounded as specified in Section a, the switch employed to join the aerial to the ground connection shall not be smaller than a standard 100 ampere knife switch.



e. Where supply is obtained direct from the street service the circuit must be in stalled in approved metal conduits or armored cable. In order to protect the supply system from high potential surges, there must be inserted in circuit either a trans-former having a ratio which will have a potential on the secondary leads not to exceed 550 volts, or two condensers in series across the line the connection between said con-densers to be permanently and effectually grounded. These condensers should have capacity of not less than one-half micro-farad.

## 87. Electric Gas Lighting.

a. Electrical gas lighting, unless it is the frictional system, must not be used on the same fixture with the electric light.

## 88. Insulation Resistance.

The wiring in any building must comply with the following requirements:

The complete installation must have a resistance between conductors and between all conductors and the ground (not including attachments, sockets, receptacles, etc.) not less than that given in the following table:

Up to 5 amperes	4,000,000 ohms.
" 10 "	2,000,000 "
" 25 "	800,000 "
" 50 "	400,000 "
" 100 "	200,000 "
" 200 "	100,000 "
" 400 "	50,000 "
" 800 "	25,000 "
" 1,600 "	12,500 "

The test must be made with all cut-outs and safety devices in place. If the lamp sockets, receptacles, electroliners, etc., are also connected, only one-half of the resist-ance specified in the table will be required.

## ARTICLE 7.

Section 1. Any person violating any provision of this chapter shall upon convic-tion be punished by a fine of not more than five hundred dollars or by imprisonment not exceeding six months or by both such fine and imprisonment.

Section 2. This ordinance shall take effect forthwith.

Note—New matter in italics.

Which was referred to the Committee on General Welfare.  
No. 1714.

**An Ordinance to Amend Section 601 of Article 29 of Chapter 5 of the Code of Ordinances of The City of New York.**

By Alderman Pouker—

AN ORDINANCE to amend Section 601 of Article 29 of Chapter 5 of the Code of Ordinances of The City of New York.

Be it Ordained by the Board of Aldermen of The City of New York, as follows:  
Section 1. Section 601 of Article 29 of Chapter 5 of the Code of Ordinances of The City of New York is hereby amended to read as follows:

Section 601. Shut-off valves. Every building hereafter erected and also every existing building where new service pipes are installed, other than residence buildings occupied exclusively by one or two families and having not more than fifteen sleep-ing rooms, which may be supplied from some outside source with gas, vapor or fluid other than potable water, shall have a conveniently accessible stopcock or other suit-able device fixed to the supply pipes leading into the building at a place outside of the building, so arranged as to allow the supply to be shut off. Such stopcock or other device shall be so marked as to indicate either the contents and purposes of the supply pipe to which it is attached, or the company to which the device belongs.

Section 2. This ordinance shall take effect immediately.

Which was referred to the Committee on Buildings.  
No. 1715.

**Resolution Requesting the Mayor to Return for Further Consideration the Ordinance Relating to Signs and Showbills.**

By Alderman Stevenson—

Resolved, That his Honor, the Mayor, be and he is hereby requested to return to this Board for further consideration an ordinance now in his hand (Int. No. 719), entitled "An Ordinance to amend Article 16 of Chapter 23 of the Code of Ordinances, relating to Signs and Showbills."

Which was adopted.

Subsequently the paper was received from his Honor the Mayor.

On motion of Alderman Stevenson the vote by which the above ordinance was adopted, was reconsidered.

The paper was then referred to the Committee on General Welfare.

(For text of this ordinance see proceedings of April 13, 1915.)

The President informed the Board that because of his being required to act as Mayor during the month of May he would not preside again for several sessions.

The Vice-Chairman 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, May 4, 1915, at 1.30 o'clock P. M.

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

**DEPARTMENT OF FINANCE.****WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE WEDNESDAY, APRIL 28, 1915.**

Below is a statement of warrants made ready for payment on the above date, showing therein the Department of Finance voucher number, the dates of the invoices or the registered number of the contract, the date the voucher was filed in the Department of Finance, the name of the payee and the amount of the warrant.

Where two or more bills are embraced in the warrant, the dates of the earliest and latest are given, excepting that, when such payments are made under a contract, the registered number of the contract is shown in the place of the second invoice date.

Where the word "final" is shown after the name of the payee, payment will not be made until thirty days after the completion and acceptance of the work, but all of the other warrants mentioned will be forwarded through the mail unless some reason exists why payment is to be made in person, in which event written notice will be promptly given to the claimant.

In making a written or verbal inquiry at this office for any of the above men-tioned warrants, it is requested that reference be made by the Department of Finance voucher number.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart-ment of Finance.	Name of Payee.	Amount.
<b>Board of Aldermen.</b>				
54015			S. Sonnenschein	\$1,000 26
<b>Armory Board.</b>				
50115	3-16-15	40523	4-15-15 Bacon Coal Co.	\$129 28
50113	3-16-15	40523	4-15-15 Bacon Coal Co.	268 34
51991	4-14-15		4-19-15 Elisha H. Janes	70 20
52006		36050	4-19-15 Elisha H. Janes	97 60
51999	4- 8-15		4-19-15 W. F. Haigh	23 00
50108	3-31-15	40792	4-15-15 John S. Conabeer	79 00
50109	2-15-15	40792	4-15-15 John S. Conabeer	79 00
50110	4- 6-15	40792	4-15-15 John S. Conabeer	39 50
50111	4- 1-15	40792	4-15-15 John S. Conabeer	148 80
50112	1-20-15	40792	4-15-15 John S. Conabeer	304 94
<b>Bellevue and Allied Hospitals.</b>				
53537	3-17-15		4-22-15 E. Leitz	\$12 90
53519	2-24-15		4-22-15 Hydrotherapeutic Apparatus Co.	4 50
53522	3- 5-15		4-22-15 Henry Bainbridge & Co.	26 13
55015			4-24-15 Clarence G. Bandler	18 00
55013			4-24-15 George C. Paine	20 00
55014			4-24-15 C. D. Noyes	390 00
52668	11-30-14		4-20-15 Hull, Grippen & Co.	79 27
52101			1-19-15 Royal Eastern Electrical Supply Com-pany	75 04

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart-ment of Finance.	Name of Payee.	Amount.
<b>Department of Bridges.</b>				
53610		4-22-15	Archibald McLean, Asst. Engr.	\$0 55
50030			N. Cappiello	368 00
50034			Bernard Brindze & Co.	239 74
53609	3-10-15		4-21-15 Archibald McLean, Asst. Engr.	70
53613		4-22-15	Volney P. Wilson, General Foreman	3 30
53614		4-22-15	J. A. Knighton, Asst. Engr.	3 10
50040	3-27-15		4-15-15 Baker, Carver & Morrell	230 66
50035	3-25-15		4-15-15 Elevator Supply & Repair Co.	152 00
53612		4-22-15	Archibald McLean, Asst. Engr.	36 15
53611		4-22-15	J. A. Knighton, Asst. Engr.	32 15
<b>Board of Coroners.</b>				
53193	3-25-15		4-21-15 R. L. Polk & Co., Inc.	\$12 00
<b>County Court, Bronx County.</b>				
52457	4-15-15		4-20-15 Victor Typewriter Sales Co., Inc.	\$87 48
<b>County Court, Kings County.</b>				
53387	4- 1-15		4-21-15 Van Brunt Tandy	\$5 75
<b>County Court, Queens County.</b>				
53653	4-20-15		4-23-15 Edward J. Smith	\$10 00
<b>Supreme Court, First Department.</b>				
49917		4-15-15	The J. W. Pratt Co.	\$475 55
49919			The New York Edison Co.	527 16
<b>Supreme Court, Second Department.</b>				
53750		4-22-15	James F. McGee	40 00
<b>Board of City Record.</b>				
49908	3-26-15	41112	4-15-15 M. J. Tobin	\$135 88
49896	3-24-15	41112	4-15-15 M. J. Tobin	729 98
49897		41110	Remington Typewriter Co., Inc.	204 04
<b>Department of Correction.</b>				
50605	3- 1-15		4-16-15 Beverly & Trayte	\$50 00
<b>District Attorney, Richmond County.</b>				
48443			11- 2-14 William J. Kinsley	\$50 00
<b>Board of Estimate and Apportionment.</b>				
54835			4-23-15 New York Telephone Company	\$12 95
52250	4- 8-15		4-19-15 M. B. Brown Printing & Binding Co.	10 00
<b>Department of Education.</b>				
52735	3- 1-15	41241	4-21-15 Fred'k Pearce Co.	\$2 77
52727	3- 1-15	41241	4-21-15 Fred'k Pearce Co.	68
52739	1-20-15	41631	4-21-15 Albert S. Smith	68 85
52741	2- 8-15	41640	4-21-15 Scott, Foresman & Co.	18 76
52729	2- 6-15	41665	4-21-15 Newson & Co.	30 00
53565	12- 1-14		4-22-15 The New York Association for the Blind	11 50
51432	3-15-15		4-19-15 Reid, King & Co.	64 88
52994	3-15-15		4-21-15 Adolph Pape, Jr.	8 00
52993	3-15-15		4-21-15 Thos. Cummings	13 50
52992	3- 8-15		4-21-15 F. J. Kloes	10 85
52991	3- 4-15		4-21-15 S. Zacharkow	91 50
52990	3-19-15	3-24-15	4-21-15 Brooklyn Window Shade Co.	41 69
51449	3-19-15		4-19-15 John Cox	35 00
51446	3-15-15		4-19-15 F. A. Sharrotte	88 50
52989	3-20-15		4-21-15 J. Friedman	15 00
52988	3-17-15		4-21-15 Brooklyn Window Shade Co.	6 72
52987	3- 8-15		4-21-15 F. J. Kloes	2 70
52986	3-10-15		4-21-15 The Maryland Storage Warehouse & Van Co.	5 00
52985	2- 3-15		4-21-15 J. Kurzban	30 20
52984	2-27-15		4-21-15 J. Friedman	20 90
52983	3-19-15		4-21-15 Atlas Window Shade Co.	9 00
52982	3- 3-15	3-10-15	4-21-15 Reid's Express	18 00
52981			4-21-15 Jacob D. Ausenberg	15 50
52979	2-16-15		4-21-15 Hanson & Kalmus	17 85
52978	3-13-15		4-21-15 L. E. Atherton	41 00
53009	12-28-14		4-21-15 The New York Association for the Blind	3 25
52758			Calvin Tomkins	2 25
53562	12-10-14, 12-22-14		4-22-15 Samuel W. Cornell	5 61
51517	2-16-15		4-19-15 Joseph A. Graf	39 90
51515	3- 8-15, 3-10-15		4-19-15 Simon Russek, Assignee of R. Solo-mon & Son, Inc.	69 00
53561	3- 1-15		4-22-15 U. W. Oshorn & Son	35 15
53257	3-13-15		4-21-15 Duncan Stewart	14 00
53268	3-15-15		4-21-15 Henry Pearl & Sons Co.	15 75
53265	3-15-15		4-21-15 M. Weinberg	14 95
52999	11-28-14		4-21-15 John H. Goetschius Co., Inc.	20 25
52827	12-26-14		4-21-15 Morris Weinberg	28 00
52768	3- 6-15		4-21-15 Hammacher, Schlemmer & Co.	3 15
52764	3-15-15		4-21-15 J. M. Saulpaugh's Sons	7 54
52766	3- 1-15		4-21-15 Silver, Burdett & Co.	18 75
52767	2-13-15		4-21-15 Henry Moss & Co.	85
52762	3- 1-15		4-21-15 The J. W. Pratt Co.	12 90
52761	3- 1-15		4-21-15 Max Pollack & Co.	20 40
52760	3- 9-15		4-21-15 Charles E. Merrill Co.	32 00
52757	3-13-15		4-21-15 Seabury & Johnson	6 00
52756	3- 6-15		4-21-15 John Wanamaker, New York	7 02
52755	2-27-15		4-21-15 George A. Haws, Inc.	26 00
52745	2-15-15	41476	4-21-15 Kalt Lumber Co.	81 12
55788	3- 1-15		4- 7-15 Barshop Bros.	94 00
54252			4-23-15 Frank L. Polk, Corporation Counsel	30 00
51528	1-22-15		4-19-15 Chivers Book Bindery Co.	52 00
51464	2-27-15		4-19-15 J. E. Linde Paper Co.	57 32
51435	2-26-15		4-19-15 John Wenning	49 50
52738	2-17-15	41646	4-21-15 The Baker & Taylor Co.	86 57
52737	3- 3-15	41478	4-21-15 J. M. Saulpaugh's Sons	8 55
52730	2-17-15	41670	4-21-15 Rand, McNally & Co.	6 00
52765	3-10-15		4-21-15 Joseph I. Grady	40 57
52874	3-24-15		4-21-15 Bergen Bame	55 00
52857	3-26-15		4-21-15 John Gelshion	35 00
52855	2-25-15		4-21-15 Erie Engine Works	50 00
53593	4- 9-15		4-22-15 Frances E. Moscrip, Inspector of Classes for Blind Children	64 46
53594	4- 9-15		4-22-15 Frances E. Moscrip, Inspector of Classes for Blind Children	10 78
53592	4- 9-15		4-22-15 Frances E. Moscrip, Inspector of Classes for Blind Children	27 70
53253	3- 8-15		4-21-15 Favor, Ruhl & Co.	5 25
53256	2-13-15		4-15-15 Agent and Warden of Clinton Prison	5 00
53255	2-19-15		4-21-15 Agent and Warden of Clinton Prison	10 00
53254	3- 6-15		4-21-15 E. G. Soltmann	4 25
53252	3-11-15		4-21-15 Favor, Ruhl & Co.	27 13
49959		41533	4-15-15 Kolesch & Co.	111 88
49953	2- 1-15	41645	4-15-15 D. Appleton & Co.	205 22
50007	3- 1-15	41169	4-15-15 Snelling & Son	109 80
49983	1-25-15	41643	4-15-15 World Book Company	384 80
49986		41478	J. M. Saulpaugh's Sons	225 65
50006	2-24-15	41478	4-15-15 J. M. Saulpaugh's Sons	112 65
49961	1-30-15	41590	4-15-15 Strauss Bros.	524 81
50004	2- 2-15	41193	4-15-15 The Brooklyn Daily Eagle	119 50
51566		41635	The Macmillan Company	241 92
51510	2- 1-14		4-19-15 Richard Carvel Co.	53 13
50107		41317	4-15-15 The Commercial Trust Co., Assignee of Altoria Realty & Construction Co.	17,994 45



Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart- ment of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart- ment of Finance.	Name of Payee.	Amount.
49949	2- 8-15	41483	4-15-15 M. J. Tobin.....	198 72	50135			The Union Stove Works .....	10 74
49989	1-18-15	41163	4-15-15 Longmans, Green & Co.....	236 50	50726	3- 1-15	4-16-15	Meurer Bros. Co.....	20 52
49946	2- 8-15	41124	4-15-15 M. J. Tobin.....	471 12	50126	3-10-15	4-15-15	Combination Ladder Co. and Rhode Island Coupling Co.....	148 56
49923	3- 8-15		4-15-15 Edward E. Stapleton.....	146 40	50125	3-10-15	4-15-15	The Fairbanks Co.....	1 54
53008	12-31-14		4-21-15 Goetz & Co.....	6 25	50124	3- 3-15	4-15-15	The New York Cordage Co.....	3 31
53006	12-31-14		4-21-15 Aeolian Company.....	4 00	50123		4-15-15	Swinton & Co.....	10 50
53007	12- 1-14		4-21-15 Goetz & Co.....	3 25	50121	2- 2-15	4-15-15	United States Radiator Corporation..	82 25
53587	12- 9-14		4-22-15 J. F. Valois.....	13 90	58142		4-21-15	Lewis De Groff & Son.....	66 58
53002	11-21-14, 12-30-14		4-21-15 Lawson Piano Co.....	7 50	53162		4-21-15	George A. Roberts, Chief Clerk.....	11 50
53001	1- 8-15		4-21-15 Wm. Knabe & Co.....	3 00	53163		4-21-15	A. Blauvelt, M. D., Asst. Sant. Supt..	1 90
52997	1-15-15		4-21-15 John H. Goetchuis.....	3 00	50118	3- 4-15	4-15-15	S. F. Hayward & Co.....	112 50
53005			The New York Association for the Blind .....	10 00	50153	3-31-15	4-15-15	Erie Railroad Co.....	307 72
49954	1-30-15	41665	4-15-15 Newson & Company.....	766 09	53131	2-21-15	4-21-15	Richard Webber .....	19 82
49859	3-24-15	41703	4-15-15 M. J. Tobin.....	121 50	53136	3-26-15	4-21-15	C. H. Reynolds & Sons.....	36 25
49947	2-24-15	41183	4-15-15 E. Steiger & Co.....	482 40	53164		2-21-15	Daniel T. Kenny, Sant. Supt.....	13 50
49827			Department of Finance.		53165		4-21-15	Haven Emerson, M. D., Dep. Commr.	7 25
51286			4-15-15 Jacques Cohen.....	208 43	53145	3-15-15	4-21-15	The H. B. Clafl'n Corporation.....	9 36
52398			4-17-15 David Manus.....	750 00	53138			The Tablet & Ticket Co.....	11 40
56479			Ida M. Gaskell.....	300 00	53148			Medical Society of the State of New York .....	15 00
56991			McCarty & Baldwin.....	113 96	53658			Commissioner of Jurors, New York County.	
54268			Joseph Kahn or Salisbury and Halter, Attorneys .....	18 75	53651		4-22-15	New York Telephone Co.....	\$14 01
56723			4-23-15 Pasquale Quinteri.....	25 00	53652	4- 7-15		Commissioner of Jurors, Queens County.	
56580			4-28-15 Shepard A. Morgan.....	25 45	49398	3-31-15	4-22-15	The New York Telephone Co.....	\$4 68
55854			4-28-15 Carolina Pilletieri.....	54 00	54004		4-22-15	R. L. Polk & Co., Inc.....	12 00
54277			4-27-15 George A. Fournier or J. A. Foley, Attorney .....	30 18	54005			Law Department.	
54276			4-23-15 James Nolan.....	12 00	53380	4- 1-15	4-14-15	Clynta Water Co.....	\$2 10
54275			4-23-15 Matthew Hagen.....	35 00	49397		4-22-15	Frank L. Polk, Corporation Counsel..	150 00
54269			Thomas Fenley.....	87 50	53669	3-25-15	4-22-15	James S. Robinson .....	10 85
54274			4-23-15 Ella L. Robinson.....	12 99	53667	4- 1-15	4-21-15	Frank L. Polk, Corporation Counsel..	500 00
54267			4-23-15 Kings Highway Land & Improvement Co.....	91 06	53664	3-31-15	4-14-15	The Peerless Towel Supply Co.....	3 00
55048			4-23-15 John T. Mayers.....	66 66	53663	3-31-15		The Mayoralty.	
55049			George W. Hanley.....	262 50	53660	3- 1-15	4-23-15	R. L. Polk & Company, Inc.....	12 00
55050			Jane M. Bechet.....	375 00	53659		4-22-15	The Banks Law Publishing Company..	9 25
54538			E. A. Goodridge.....	375 00	53665	3-31-15	4-22-15	The Briarcliff Lodge Ass'n.....	3 30
54539			Asylum of the Sisters of St. Dominic, Brooklyn Training School and Home for Young Girls .....	9,491 44	53661	3- 1-15	4-22-15	Foster-Scott Ice Company.....	6 75
54536			Beth Israel Hospital .....	547 50	52969		4-22-15	Underwood Typewriter Company, Inc.	1 00
54540			Beth Israel Hospital .....	810 35	52962		4-22-15	Remington Typewriter Company, Inc..	1 60
54541			Beth Israel Hospital .....	182 50	52965		4-22-15	New York Telephone Company.....	78 80
54542			Beth Israel Hospital .....	3,007 45	52964		4-22-15	John Manning .....	12 56
54543			Blythedale Home for Tubercular Crip- pled Children .....	368 22	52974		4-22-15	L. C. Smith & Brother's Typewriter Co.	55
54544			Blythedale Home for Tubercular Crip- pled Children .....	323 84	52975			Bronx Parkway Commission.	
54545			Brooklyn Hospital .....	1,849 64	52976		4-21-15	Bella Abraham.....	4,849 83
54546			Bushwick Hospital .....	886 61	52977			Annie R. Richards, Individually and as Executrix of the Last Will and Testa- ment of Toney Richards, Dec'd.....	34,204 25
54547			Brooklyn Children's Aid Society .....	1,675 17	52960		4-21 15	Fannie Epstein.....	7,758 90
54548			Church Charity Foundation of Long Island, St. John's Hospital .....	1,417 96	52957		4-21-15	Crestwood Park Realty Company.....	822 22
54549			Children's Aid Society .....	5,495 93	52958		4-21-15	Mrs. Incononata De Pasquale.....	13,450 90
54550			Catholic Guardian Society .....	350 00	52959		4-21-15	George McCauslan.....	8,689 28
54551			Catholic Guardian Society of the Dio- cese of Brooklyn .....	77 50	52956		4-21-15	Cosmopolitan Bank.....	7,367 07
54552			Har Moriah Hospital .....	33 75	52955		4-21-15	B. F. Badaracco and Nora C. Badaracco	10,504 26
54553			Har Moriah Hospital .....	453 80	52971		4-21-15	Robert Zetsche.....	10,702 48
54554			Howard Orphanage and Industrial School .....	2,757 90	52970		4-21-15	Charles Dusenberry, Jr.....	4,487 25
54555			Jewish Maternity Hospital .....	1,260 00	52972		4-21-15	Charles Dusenberry, Jr.....	8,794 58
54557			Low Maternity, Branch of Brooklyn Hospital .....	126 00	52968		4-21-15	Charles Dusenberry, Jr.....	38,858 62
53240			New York Hospital .....	4,371 00	52966		4-21-15	Emile Baumgarten, Individually and as Surviving Partner of the Firm of Wil- liam Baumgarten & Co.....	44,802 11
53247			Augustus Van Cortlandt, Jr., and Chas. K. Beekman, as executors of the last will and testament of Augustus Van Cortlandt, deceased, Henry W. Van Cortlandt and Robert B. Van Cortlandt	11,535 00	50203		4-21-15	Oscar J. Mayer.....	16,092 01
53057	3-27-15		4-21-15 Johanna Quaritus .....	212 43	53319	3-10-15	4-21-15	Henry H. Vought and Nathan F. Vought .....	38,950 15
53052	3-10-15		Fire Department.		53320	3-17-15	4-21-15	Oscar J. Mayer and Rosalynde De L. Mayer .....	26,864 57
53051	4- 3-15		4-21-15 Art Metal Construction Co.....	\$1 40	53324	3-19-15	4-21-15	David Mayer Brewing Co.....	15,961 55
53512	2-28-15		4-21-15 Crown Stamp Works .....	1 45	53325	3- 8-15	4-21-15	Crestwood Park Realty Company.....	1,688 27
53511	4- 2-15		4-21-15 The New York Law Journal .....	7 00	53327	3-15-15	4-21-15	Graman Building Company, Inc.....	28,438 31
53509	2-18-15		4-22-15 Municipal Garage .....	20 00	53328	3-15-15	4-21-15	R. Young & Brothers Co.....	42,090 96
53510	4- 6-15		4-22-15 Livingston Radiator and Mfg. Co. ....	13 75	53329	3-16-15	4-21-15	Michael Cooney.....	19,012 48
53508	4- 3-15		4-22-15 Henry W. Schmall .....	8 00	53330	3-22-15	4-21-15	Sound View Land & Improvement Co..	6,906 07
53507	3-17-15		4-22-15 Stewart Warner Speedometer Corp. ....	2 75	53331	3-20-15	4-21-15	Crestwood Park Realty Co.....	18,517 65
53506	4- 2-15		4-22-15 The Auto Supply Co.....	7 20	53332	4- 9-15	4-21-15	Geisler-Haas Realty Company, Inc....	39,379 25
53063	2-27-15		4-22-15 Patterson Brothers .....	3 02	53324	4- 1-15	4-15-15	Department of Parks.	
53062			4-22-15 American Pump and Tank Co. ....	4 50	53348	3-31-15	4-15-15	New York Telephone Company.....	210 93
53061			4-21-15 Montgomery & Co., Inc.....	3 00	53336	4- 8-15	4-21-15	The J. W. Pratt Co.....	6 15
53065			4-21-15 Isaac G. Johnson & Co.....	12 60	53337	4- 9-15	4-21-15	Kregel Manufacturing Co.....	5 25
53499	3-10-15		4-21-15 P. H. O'Day & Son .....	20 00	53327	3-15-15	4-21-15	A. P. W. Paper Co.....	8 75
53061			4-22-15 Maxwell Motor Sales Corp. ....	48 14	53328	3-15-15	4-21-15	A. H. Hews & Co., Inc.....	7 60
53062	3-25-15		4-21-15 Hess Bright Company .....	3 80	53329	3-16-15	4-21-15	The Harral Soap Co.....	3 50
53504	3-23-15		4-21-15 S. Whyte Merritt Co. ....	7 55	53330	3-22-15	4-21-15	Scofield & Company, Inc.....	10 00
53060	3-26-15		4-22-15 Cornelius Ten Eick, Inc. ....	60	53331	3-20-15	4-21-15	Bloomington Bros.....	13 98
53059	3-31-15		4-21-15 Knox Motors Company .....	9 25	53332	4- 1-15	4-21-15	Department of Correction.....	8 34
53491	3- 6-15		4-22-15 Western Electric Co.....	1 50	53348	3-31-15	4-21-15	Hammacher-Schlemmer & Co.....	15 00
53490	4- 9-15		4-22-15 The American Multigraph Sales Co..	60	53346	3-31-15	4-19-15	Patterson Brothers .....	10 32
53495	3-31-15		4-22-15 M. J. Rabbitt .....	2 24	53347	3-31-15	4-22-15	Standard Oil Company of New York..	12 50
53493	4- 3-15		4-22-15 William Koontz .....	16 50	53346	3-31-15	4-22-15	Chas. E. Miller.....	4 80
53503	4- 6-15		4-22-15 Strauss & Co.....	22 50	53332	4-10-15	4-22-15	Queens County Tire Repair Co.....	19 40
53502	4- 8-15		4-22-15 Lowe Motor Supplies Co.....	2 50	53333	4-11-15	4-22-15	A. G. Spalding & Bros.....	2 00
53501	4- 1-15		4-22-15 A. J. Picard & Co.....	15 00	53334	4- 2-15	4-21-15	Meder-Staudt Company, Inc.....	2 45
53500	4- 5-15		4-22-15 Bowen Manufacturing Co.....	7 68	53335	3- 9-15	4-22-15	Grochola & Kushowski.....	19 50
53497	3-18-15		4-22-15 United States Tire Co.....	14 40	53336	3- 4-15	4-22-15	James Mulligan .....	26 00
53496	2-20-15		4-22-15 Ford Motor Co.....	2 72	53342	4- 2-15	4-21-15	Atlas Fireproof Storage Warehouse Co., Inc.....	28 90
53050	3-23-15		4-22-15 The Pittsburgh Plate Glass Co.....	5 35	53342	4- 2-15	4-22-15	New York Stencil Works .....	3 15
53486	4- 2-15		4-21-15 William Farrell & Son.....	26 97	53342	4- 2-15	4-22-15	New York Stencil Works .....	4 50
53487	3-27-15		4-22-15 McKesson & Robbins .....	1 75	53347	3-31-15	4-22-15	Egleston Brothers & Co.....	46 80
53488	3-13-15		4-22-15 Meyer & Schrader .....	10 00	53347	3-31-15	4-22-15	Fred Ade Company .....	7 00
53489	3-31-15		4-22-15 Crown Stamp Works .....	1 75	53346	3-31-15	4-22-15	Tisdale Lumber Company .....	9 60
49911	3-27-15	41913	4-21-15 Will'am I. Bresnan .....	8 00	53339	3-25-15	4- 6-15	John I. Lake & Son .....	4 50
49915	1- 5-15	41090	4-15-15 Edward Wisely & Son.....	971 03	53337	3-25-15	4-22-15	John I. Lake & Son .....	36 50
49909	3-17-15	40476	4-15-15 I. B. Greenhut Co.....	1,076 20	53335	3- 4-15	4-22-15	Fox Machine Company .....	28 50
49914	2-18-15	39032	4-15-15 Horace Ingersoll Co.....	3,028 03	53335	3- 4-15	4-22-15	Hammacher, Schlemmer & Co.....	17 79
59910	3-25-15	41813	4-15-15 Bacon Coal Co.....	959 43	53342	4- 2-15	4-21-15	Imperial Stables .....	89 00
48469		41813	4-15-15 J. W. Gasteiger & Son.....	151 73	53338	2-15-15	4-21-15	Thomas J. Fenley .....	31 00
50067			4-13-15 J. W. Gasteiger & Son.....	48 26	53337	3-25-15	4-21-15	Queens County Tire Repair Co.....	7 95
			4-13-15 Broadway Central Bank, New York, Assignee of J. W. Gasteiger & Son ...	2,700 00	53335	3- 4-15	4-22-15	J. Newtown Van Ness Co.....	7 55
			4-15-15 Arthur J. Slade .....	150 00	53339	3- 9-15	4-22-15	Flushing Automobile Garage, Inc. ....	9 72
			Department of Health.		51947	4- 7-15	4-19-15	Narragansett Machine Co.....	36 00
52136	3-16-15		4-19-15 Leousi, Clonney & Co.....	\$20 00	53615	4-16-15	4-19-15	Louis Bossert & Sons .....	72 00
49680	3- 1-15		4-14-15 Trov Laundry Machinery Co., Limited.	31 50	50204		4-21-15	Stumpp & Walter Co.....	77 08
50138	3- 6-15		4-15-15 Neal & Brinker Co.....	15 74			4-19-15	Chilton Paint Company .....	72 00
50137	3-15-15		4-15-15 John Simmons Co.....	5 85			4-21-15	Rutherford Rubber Co.....	30 84
50136	1-26-15		4-15-15 Thatcher Furnace Co.....	9 50			4-21-15	John A. Gifford & Son .....	1 00
							4-21-15	Froment & Co.....	3 43
							4-21-15	Pittsburgh Plate Glass Co.....	3 35
							4-21-15	Pure Oil Company .....	39 41
							4-21-15	Manhattan Hardware and Bicycle Co.	11 80
							4-19-15	Asbestuslite Sanitary Flooring Co. ..	29 50
							4-22-15	John F. Weier, Commissioner .....	49 13
							4-15-15	Wills & Marvin Company .....	5,247 57



Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.		
50217	3-4-15	41063	4-15-15	Charles D. Norton Co. ....	1,151 83	52508	3-31-15	41472	4-20-15	Knickerbocker Ice Co. ....	60 19
50216	3-3-15	40951	4-15-15	M. L. Bird .....	835 06	52551	3-18-15	41561	4-20-15	Knickerbocker Supply Co. ....	86 80
50205	2-23-15	38983	4-15-15	Philip Dietz Coal Co. ....	1,337 60	52535	2-17-15	41299	4-20-15	Burton & Davis Co. ....	58 55
53317	3-25-15		4-21-15	R. L. Polk Co., Inc. ....	12 00	52563	3-11-15	41299	4-20-15	Burton & Davis Co. ....	77 99
53316	3-30-15		4-21-15	J. E. Linde Paper Co. ....	2 16	54589			4-22-15	Angus P. Thorne, Supt. ....	1,238 00
53318	3-11-15		4-21-15	The Beck Duplicator Co. ....	6 25	53895	2-8-15		4-22-15	Abbott Manufacturing Company....	1 80
				<b>President of the Borough of Manhattan.</b>		53889	2-16-15		4-22-15	Parke, Davis & Company.....	28 80
52500	2-19-15		4-20-15	The Fairbanks Company .....	\$60 00	53893	2-10-15		4-22-15	E. Leitz .....	8 40
52522	2-25-15		4-20-15	Warner-Quinlan Asphalt Company ..	9 99	53892	2-18-15		4-22-15	Magnus, Maboe & Reynard, Inc....	65 23
52491				American Sewer Pipe Company .....	25 85	53890	2-18-15		4-22-15	Edwin C. Parker .....	5 06
53715	2-27-15		4-22-15	Yorkville Central Garage .....	5 85	51839	2-27-15		4-19-15	G. B. Raymond & Co. ....	31 50
53717	3-11-15		4-23-15	Agent and Warden, Auburn Prison ..	57 50	53859	2-13-15	3-24-15	4-22-15	The Combination Rubber Mfg. Co....	21 97
53713	4-22-15		4-22-15	Kuehn & Metz .....	14 30	53905	12-5-14		4-22-15	Fiss, Doerr & Carroll Horse Co.....	54 50
53712	3-29-15		4-22-15	Standard Auto Parts Metal Works ..	15 00	53907	2-10-15		4-22-15	Wm. Henry Maule, Inc. ....	75
53686	3-18-15		4-22-15	The Protectyre Co. ....	24 80	53908	2-10-15		4-22-15	Fottler, Fiske Rawson Co. ....	88
53687	2-5-15		4-22-15	W. E. Pruden Hardware Co. ....	2 22	53906	2-11-15		4-22-15	Vaughan's Seed Store .....	75
53689	2-5-15		4-22-15	The Manhattan Supply Co. ....	11 84	53742				Bramhall Deane Co. ....	7 20
53709	4-2-15		4-22-15	Godfrey-Keeler Co. ....	13 97	53881	1-28-15	2-6-15	4-23-15	Geo. D. Harris & Company.....	60 00
53711	2-27-15		4-22-15	Buick Motor Co. ....	25 20	53896	3-3-15		4-22-15	James A. Miller.....	56 00
53038			4-21-15	William A. Prendergast, Comptroller of The City of New York, trustee, for ac- count of Street Opening Fund .....	905 29	53897	3-12-15		4-22-15	Abraham and Straus .....	40
				William A. Prendergast, Comptroller of The City of New York, trustee for ac- count of Street Opening Fund .....	1,465 42	53899	11-17-14, 12-1-14		4-22-15	L. Barth & Son .....	10 67
53037			4-21-15	Michael Clifford and James M. Vincent Art Metal Construction Co. ....	72 66	53900	2-9-15		4-22-15	Charles F. Matlage & Sons .....	1 00
53036			4-21-15	The Barber Asphalt Paving Co. ....	102 40	53902	2-27-15		4-22-15	Foster-Scott Ice Company .....	2 71
50013	4-8-15	29033	4-15-15	The Barber Asphalt Paving Co. ....	33 11	53904				Peter Henderson & Co. ....	1 50
50534				<b>President of the Borough of The Bronx.</b>		53922	2-27-15		4-22-15	Samuel E. Hunter .....	14 05
49856			4-22-15	Republic Rubber Co. of New York....	\$144 25	53911	1-8-15		4-22-15	Jacob Boss .....	41 48
54098	4-13-15			<b>President of the Borough of Brooklyn.</b>		53799	3-6-15		4-22-15	Hull, Grippen & Co. ....	2 50
53309	3-30-15		4-21-15	N. P. Nielsen .....	\$23 00	53827	2-24-15	3-2-15	4-22-15	Thomas C. Dunham .....	42 55
53283	3-31-15		4-21-15	The Brooklyn Daily Eagle .....	7 25	53819	2-26-15		4-22-15	Charles H. Heinsohn .....	33 75
53304	3-25-15		4-21-15	Buffalo Steam Roller Co. ....	26 60	53820	2-3-15		4-22-15	Imperial Machine Co. ....	23 00
53308	3-31-15		4-21-15	Municipal Garage .....	30 00	53813	3-9-15		4-22-15	N. R. Streeter & Co. ....	54
53307			4-21-15	Municipal Garage .....	40 00	53926	3-25-15		4-22-15	J. D. Stout & Co. ....	71 92
53297	3-27-15		4-21-15	Roger Williams .....	5 20	53733	2-26-15		4-22-15	Daniel Pollard .....	30 00
53296	3-26-15		4-21-15	Stanley & Patterson, Inc. ....	11 85	53801	2-26-15		4-22-15	Candee, Smith & Howland Co. ....	3 96
53293	4-9-15		4-21-15	B. B. Neal Hardware Co., Inc. ....	15 57	53800			4-22-15	John E. Donovan .....	14 25
53294	4-3-15		4-21-15	Peerless Rubber Manufacturing Co....	20 40	53803	3-24-15		4-22-15	H. T. Dakin .....	17 33
53301			4-22-15	Jacob Muller .....	12 05	53809	1-4-15		4-22-15	Oscar Schlegel Mfg. Co. ....	12 50
54137	4-8-15		4-22-15	West Publishing Co. ....	3 50	53810	2-25-15		4-22-15	S. D. Woodruff & Sons .....	68 75
54136	4-10-15		4-22-15	The American Law Book Co. ....	15 00	53811	2-9-15		4-22-15	Jacob Willman .....	5 60
54161	4-15-15		4-22-15	William Von Heill .....	16 50	53812			4-22-15	Valentine & Co. ....	16 45
54163	4-8-15		4-22-15	Henry Kastens .....	12 50	53814	2-13-15		4-27-15	Holbrook Brothers .....	8 00
54164	4-13-15		4-22-15	Wilson Stamp Co. ....	9 30	53815	2-27-15		4-22-15	Kroeschell Bros. Ice Machine Co. ....	8 50
54140	4-13-15		4-22-15	C. P. Carrington .....	40	53816	1-4-15		4-22-15	General Naval Stores Company .....	23 39
54139	4-13-15		4-22-15	C. P. Carrington .....	17 32	53826	3-25-15		4-22-15	John E. Pittinger .....	95 10
54118	3-31-15		4-22-15	Stevenson & Marsters, Inc. ....	13 20	53825	3-17-15		4-22-15	General Naval Stores Company .....	23 91
54152	3-31-15		4-22-15	Municipal Garage .....	17 32	53824	3-24-15		4-22-15	Singer Sewing Machine Co. ....	1 50
54159	4-10-15		4-22-15	Philipp Dinger .....	1 75	53821	3-12-15		4-22-15	E. B. Latham & Co. ....	3 30
54134	4-14-15		4-22-15	Cook Electric Co. ....	12 50	53817			4-22-15	The French Lubricating Oil Co. ....	24 00
54144	3-4-15		4-22-15	Cranford Co. ....	8 10	53798	3-25-15		4-22-15	The Hospital Supply Co. ....	29 50
53273	4-7-15		4-21-15	Samuel Lewis .....	40 00	53791	2-2-15		4-22-15	Builders Iron Foundry .....	16 25
53271	6-15-14		4-21-15	Remington Typewriter Co. ....	75	53937	1-22-15		4-22-15	Queens Borough Fruit Market .....	2 18
53287	4-1-15		4-21-15	Thomas Smith & Son Corporation....	34 70	53739	6-10-14		4-22-15	Hull, Grippen & Co. ....	80
53288	4-8-15		4-21-15	Pure Oil Co. ....	13 20	53746	3-19-15		4-22-15	Specialty Sales Company .....	9 60
53285	3-31-15		4-21-15	Municipal Garage .....	27 64	53885	1-15-15		4-22-15	E. R. Squibb & Sons .....	44 48
53284			4-21-15	John B. Creighton, Secretary....	50 00	53883	2-11-15		4-22-15	Irving Underhill .....	1 60
53201			4-21-15	H. K. Lines .....	36 00	53884	3-31-15		4-22-15	Keuffel & Esser Co. ....	52 22
53299	3-31-15		4-21-15	F. M. Tiemann & Co. ....	62 46	53887	2-19-15		4-22-15	The Deane Plaster Co. ....	70 10
53295	2-23-15		4-15-15	Sam'l W. Cornell .....	3 06	53823	3-27-15		4-22-15	E. T. Joyce .....	80 80
50215		33951	4-15-15	J. F. Cogan Co. ....	17,019 54	53734	3-1-15		4-22-15	John B. Sommer .....	2 75
53310	4-6-15		4-21-15	S. M. Brady .....	25 00	53735			4-22-15	West End Auto Supply Co. ....	85
53291	4-12-15		4-21-15	C. P. Carrington .....	2 10	51717			4-22-15	Royal Tire Co. ....	79 22
53274	3-31-15		4-21-15	Brooklyn Blue Print Works....	10 80	51798	2-1-15	3-1-15	4-19-15	Alois L. Hofaker .....	97 60
53286	3-31-15		4-21-15	Brooklyn Blue Print Works....	55 41	51752	12-10-14		4-19-15	Henry Ebbighausen .....	14 28
53280	4-9-15		4-21-15	Stevenson & Marsters, Inc. ....	8 00	51765	3-19-15		4-19-15	Conron Bros. Company .....	1 20
				<b>President of the Borough of Queens.</b>		51772	3-3-15		4-21-15	Armour & Co. ....	17 36
53210	3-26-15		4-21-15	Robt. A. Welcke .....	\$10 00	51707	9-11-14		4-19-15	M. Weiss & Co. ....	65 25
53234	4-8-15		4-21-15	Seth W. Kelly .....	8 00	51688	2-23-15		4-19-15	M. Weiss & Co. ....	53 50
53235	3-31-15		4-21-15	Crescent Garage .....	20 00	51695	3-9-15		4-19-15	J. S. Biesecker .....	36 95
53239	4-1-15		4-21-15	Charles J. Brown .....	8 60	51757	12-22-14		4-19-15	Wm. Schmidt .....	9 75
54829			4-23-15	William E. Everitt, Chief Clerk....	42 71	43984		34478	4-22-15	Child & Scott Company .....	1,701 66
53208	4-3-15		4-21-15	The Madison Avenue Stables, James H. Cornell, Prop. ....	49 98	53043	4-1-15		<b>Register, New York County.</b>		
53209	4-1-15		4-21-15	Jamaica Auto Garage .....	29 90	53045	4-17-15		4-21-15	Van Zile Ventilating Corporation....	\$57 50
53218	3-31-15		4-21-15	Crescent Garage .....	14 98	53046	4-19-15		4-21-15	Gane Brothers & Co. ....	1 13
53226	4-10-15		4-21-15	Nason Manufacturing Co. ....	10 80	53042	4-1-15		4-21-15	Kolesch & Co. ....	5 50
53229	4-7-15		4-21-15	Peter Miller .....	3 70	53656			4-21-15	Nickel Towel Supply .....	19 64
53231	3-31-15		4-21-15	F. E. Brandis Sons & Co. ....	59 45	54010			<b>Register, Kings County.</b>		
53204	11-1-15		4-21-15	Jamaica Water Supply Co. ....	37 50	54008	3-31-15		Austrian Pencil Co. of Hoboken, N. J.	\$1 25	
53243	3-31-15		4-21-15	John Wanamaker, New York....	6 78	50085			<b>Sheriff, New York County.</b>		
53241	3-1-15		4-21-15	Jamaica Auto Garage .....	1 60	50082	4-12-15		4-22-15	Max S. Grifenhagen, Sheriff.....	\$1 12
53238	3-1-15		4-21-15	Crescent Garage .....	20 00	50080	4-1-15		4-22-15	Public Service Cup Co. ....	3 50
53237	4-3-15		4-21-15	Madison Avenue Garage and Stables..	20 00				<b>Sheriff, Bronx County.</b>		
53236	4-1-15		4-21-15	Jamaica Auto Garage .....	20 00	52484	3-25-15		4-15-15	New York Telephone Company....	\$117 75
53216	4-6-15		4-21-15	The Ballou Mfg. Corporation....	10 00	52481	3-8-15		4-15-15	Bronx Grocery Co. ....	172 28
53215	3-29-15		4-21-15	The Long Island Hardware Company..	2 45	52485	2-18-15		4-15-15	Jacob Kuhlmann .....	177 83
53211	4-1-15		4-21-15	A. Rudolph .....	27 80	52486	2-2-15		<b>Department of Street Cleaning.</b>		
53207	4-6-15		4-21-15	Cavanagh Bros. & Co. ....	9 75	51322	2-7-15		4-20-15	Madison Garage .....	\$51 00
53205	4-3-15		4-21-15	Yawman and Erbe Mfg. Co. ....	9 15	50195			4-20-15	John O. Hofbauer .....	87 00
53202	3-31-15		4-21-15	Lemmy Garage, Inc. ....	1 50	50194			4-20-15	Agent & Warden, Clinton Prison....	1 24
53242	4-7-15		4-21-15	R. L. Polk & Co., Inc. ....	12 00	50196			4-20-15	James Plunkett .....	14 70
				<b>President of the Borough of Richmond.</b>		50193			4-20-15	Taylor Instrument Companies....	12 50
50873	4-1-15	40969	4-16-15	Thomas E. Haley .....	\$37 12	50192			4-17-15	Louis Fink .....	35 00
50872	3-1-15	40969	4-16-15	Thomas E. Haley .....	37 13				4-15-15	Snow Contracting Co., Inc. ....	282 33
50871	2-1-15	40969	4-16-15	Thomas E. Haley .....	38 52	40550			4-15-15	Snow Contracting Co., Inc. ....	36,314 02
53305	4-1-15		4-21-15	James H. Brown .....	11 82	38795			4-15-15	Snow Contracting Co., Inc. ....	205 69
				<b>Public Service Commission.</b>		17421 & 17422			4-15-15	Dailey & Ivins .....	141 72
54231	4-1-15		4-23-15	L. A. Ates, Inspector .....	\$28 00				4-15-15	Edward Holland & Co. ....	80 00
54232	4-1-15		4-23-15	J. S. Earle, Inspector .....	56 00	52303	3-22-15		<b>Board of Water Supply.</b>		
54233	4-1-15		4-23-15	G. H. Gilliam, Inspector .....	28 00	52188			4-20-15	McDougall & Potter Co. ....	\$48 84
53461	3-26-15		4-21-15	The American Law Book Company..	6 50	54523			<b>Department of Water Supply, Gas and Electricity.</b>		
53407	3-30-15		4-21-15	Burns Bros. ....	7 50	54522			4-19-15	Vacuum Oil Company.....	\$67 05
53435	12-30-14		4-21-15	The New York Edison Company....	27 75	54183			4-17-15	Wm. H. Lacey .....	2 99
53439			4-21-15	The New York Edison Company....	44 51	54184			4-23-15	John F. Bussing, General Inspector....	20 25
53440	3-31-15		4-								



Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.			
56797	4-22-15	Nicholas Power Co. ....	407 75	56899	3-31-15	Vanderbilt Garage .....	12 41	57294	3-15-15	Martin F. Maloney .....	70 00
56798		Wells, Fargo & Co. ....	16 68	56900		Foster-Scott Ice Co. ....	73 88	57295		John Gelsion .....	57 00
56799		Henry Jay Case .....	59 95	56901	2-27-15	J. W. Ballard Co. ....	340 00	57296		L. P. Gfroerer Co. ....	38 95
56800		Geo. McAneny .....	12 00	56902	2-27-15	J. Bolgiano & Son. ....	25	57297		Jos. Ohlhausen .....	38 60
56801		Florence Aten Ives .....	11 75	56903	3- 8-15	P. Brooks Bagley .....	3 00	57298		Louis Theiss .....	46 00
56802		Snedecor & Co. ....	3 10	56904	3-11-15	Wm. Elliott & Sons. ....	96 92	57299	3-11-15	A. C. Laurence .....	28 95
56803		United Electric Service Co..	5 55	56905	3-14-15	D. M. Ferry & Co. ....	23	57300	3-29-15	Alexander Muether .....	24 00
56804		The American Dist. Tel. Co.	1 60	56906	3- 1-15	Jas. J. H. Gregory & Son...	36 61	57301	4- 5-15	R. Jurgensen .....	60 00
56805	2-28-15	New York Telephone Co...	113 66	56907	3- 7-15	H. P. Langdon & Son. ....	40	57302	12- 5-14	Ginn & Co. ....	2 58
56806		Poster Scott Ice Co. ....	6 75	56908	2-26-15	Wm. Henry Maul, Inc. ....	50	57303	3-11-15	D. Appleton & Co. ....	1 88
56807		The Briarcliff Lodge Assn..	7 80	56909	3-12-15	Henry F. Mitchell Co. ....	30	57304	3-13-15	The Beacon Press, Inc. ....	1 43
56808	3-31-15	Provost, Humbert & Wil-	2 55	56910	3- 7-15	W. P. Niles, Ltd. ....	4 25	57305	1-12-15	C. W. Bardeen .....	1 60
		liams .....		56911	3- 6-15	D. C. Pullis .....	60	57306	12-22-14	The H. W. Wilson Co. ....	51 00
56809		Fallon Law Book Co. ....	6 50	56912		Reed Bros. ....	75	57307	1-12-15	Harper Bros. ....	1 13
56833		The Globe Wernicke Co. ....	8 00	56913	3-25-15	J. M. Thorburn & Co. ....	23 50	57308	1-15-15	F. C. Stechert Co. ....	39 67
56811		H. Cohen .....	2 00	56914	3-24-15	Jas. S. Barron & Co. ....	168 45	57309	3-10-15	D. C. Fauss .....	3 00
		<b>Armory Board.</b>		56915	3-24-15	Burns Bros. ....	58 00	57310	2-24-15	John Wanamaker .....	7 80
57224	12-23-14	The Hugh McRoberts Coal	28 00	56916	3-30-15	Carter, Rice & Co. ....	24 40	57311	2-18-15	Houghton & Mifflin Co. ....	1 50
		Co. ....		56917	3-17-15	Cavanagh Bros. & Co. ....	6 00	57312	1-27-15	Silver, Burdett & Co. ....	4 44
57225	12- 1-14	Holophane Works .....	14 82	56918		The Clark & Wilkins Co. ....	6 25	57313	1-12-15	D. C. Heath & Co. ....	94
57226	12-31-15	Cavanagh Bros. & Co. ....	21 16	56919	1-29-15	Peter J. Constant .....	132 65	57314	4- 5-15	D. C. Heath & Co. ....	1 13
57237	2-27-15	T. E. Quinn .....	72 75	56920	3-27-15	Crandall Packing Co. ....	3 94	57315	2-20-15	Ralph Fletcher Seymour ..	1 58
57238	4-16-15	Elisha H. Jones .....	6 57	56921	3-15-15	H. T. Dakin .....	107 46	57316	1-15-15	World Book Co. ....	8 36
57239	3-15-15	T. J. Cummins Plumbing Co.	34 32	56922	3-24-15	Geo. W. Millar & Co. ....	35 00	57317	40061	J. B. Greenhut & Co. ....	326 95
57240	3-29-15	Hoffman Corr Mfg. Co. ....	14 31	56923	3-17-15	Jas. A. Miller .....	47 44	57318	40829	Edward J. Belford .....	922 50
57241	4-13-15	Dept. of Public Charities...	14 11	56924	3-19-15	The Frank Richard & Gard-		57319	39873	Burns Bros. ....	2,544 30
57242	4-10-15	Stanley & Patterson .....	6 00			ner Co. ....	28 50	57320	39877	The Clark & Wilkins Co. ....	159 50
57243	4- 1-15	Samuel Lewis .....	2 40	56925	3-20-15	The Will & Baumer Co. ....	14 40	57321	39874	Olin D. Stephens, Inc. ....	1,879 05
57244	4-17-15	W. F. Haigh .....	113 75	56926	3-12-15	International Silver Co. ....	5 00	57322	39875	C. H. Reynolds & Son. ....	1,608 15
57235	3- 9-15	A. Pearson's Sons .....	184 00	56927	3-24-15	E. T. Joyce .....	1 62	57323	39876	Richmond Ice Co. ....	972 19
57236	3-19-15	Agent and Warden, Auburn.	9 00	56928	3-13-15	Chas. E. Miller .....	18 25	57324	39645	Johnson Service Co. ....	929 00
57237	3-17-15	Clinton Prison .....	29 00	56929	2-20-15	Montgomery & Co. ....	37 02	57325	40709	A. W. King .....	900 00
57238	3-20-15	Sing Sing Prison .....	40 90	56930	2-27-15	The J. L. Mott Iron Works.	84 00	57326	40985	Readsboro Chair Co. ....	810 00
57239	4- 8-15	John Simmons Co. ....	15 12	56931	3-13-15	John F. McEvoy .....	80 40	57327	41461	The J. W. Pratt Co. ....	2,961 17
57240	4-17-15	Abraham & Straus .....	9 07	56932	2-23-15	T. C. Northrop .....	1 00	57328	3-23-15	American Ornamental Iron	
57241	4- 7-15	Cavanagh Bros. & Co. ....	39 70	56933	2-28-15	D. B. Pershall & Son. ....	60 70		Works .....	4 40	
57242	4- 3-15	Arthur C. Jacobson & Sons.	74 46	56934	3- 6-15	D. C. Pullis .....	10	57329	3-22-15	Herman Auskutat .....	38 15
57243	4- 8-15	Standard Oil Co. ....	12 84	56935	3-22-15	The J. W. Pratt Co. ....	9 60	57330	3- 4-15	John Byrns .....	12 55
57244	4- 2-15	Cavanagh Bros. & Co. ....	4 05	56936	3-25-15	Agent and Warden, Auburn		57331	3-25-15	Benjes Stiefel .....	7 10
57245	4- 2-15	Nicholas J. Schery .....	49 60			Prison .....	5 00	57332	3-23-15	American Ornamental Iron	
57246	4-19-15	T. J. Cummins Plumbing Co.	17 17	56937	3-19-15	The Frank Richard & Gard-		57333	3- 1-15	Michael Fogarty .....	8 92
57247	3-26-15	William J. Olvany .....	21 00			ner Co. ....	19 21	57334	3-23-15	American Ornamental Iron	10 50
57248	2-27-15	T. E. Quinn .....	60 00	56938	3-20-15	The Smith-Worthington Co.	2 55	57335	3-18-15	Works .....	9 51
57249	3-26-15	Minwax Co. ....	260 00	56939	3- 8-15	F. Wesel Mfg. Co. ....	4 00	57336	3-11-15	Louis Guerr .....	18 05
57250	4- 6-15	Troegerlith Tile Co. ....	50 00	56940	2-15-15	Wilson Stamp Co. ....	12 10	57337	3-11-15	W. H. Kroepke .....	10 55
57251	4-14-15	C. L. Dooley .....	63 00	56941	3-22-15	Crandall Packing Co. ....	20 33	57338	3-23-15	John A. O'Brien .....	11 70
57252	4- 7-15	John Watters .....	96 00	56942	3- 1-15	E. T. Joyce .....	3 37	57339	3-23-15	John F. Rogers & Co. ....	9 34
57253	4- 9-15	T. E. Quinn .....	103 00	56943	3-30-15	J. M. Saulpaugh's Sons ..	20 15	57340	2-24-15	Geo. W. Falger .....	12 35
		<b>Bellevue and Allied Hospitals.</b>		56944	3-22-15	E. B. Latham & Co. ....	26 82	57341	3-19-15	Allen & Ryan Co. ....	288 00
57119	3-30-15	Wm. Langbein & Bro. ....	78 55	56945	2-23-15	Serrell & Schenck .....	3 60	57342	3-13-15	R. Solomon & Son .....	110 00
57120	1-17-15	The Kelly Koett Mfg. Co. ....	22 50	56946	2-16-15	Candee, Smith & Howland		57343	3-24-15	M. J. Tobin .....	22 00
57121	3-16-15	Corlies, Macey & Co., Inc..	17 75				12 30	57344	3-16-15	C. W. Jean Co. ....	2 70
57122	3- 1-15	Fairbanks, Morse & Co. ....	9 20	56947	3-29-15	John A. Roebing's Sons Co.	29 25	57345	3-24-15	M. J. Tobin .....	9 00
75123	3- 5-15	The De Zeng-Standard Co.,	1 89	56948		American Huhn Metallic		57346	1-16-15	C. W. Jean Co. ....	30 00
		Inc. ....				Packing Co. ....	38 00	57347	4- 5-15	The Crowell Pub. Co. ....	200 00
57124	3-22-15	John Simmons Co. ....	32 24	56949	3-16-15	Ayres & Galloway .....	31 33	57348	4-16-15	A. M. Lempke .....	50 15
57125	2-13-15	Thomas P. Ford Co. ....	2 40	56950	3-12-15	Balfour & Koch Co. ....	52 92	57349	4- 7-15	The Crowell Pub. Co. ....	25 00
57126	3-18-15	Pittsburgh Plate Glass Co..	15 20	56951	2-26-15	Bruce & Cook .....	159 60	57350	2- 4-15	Montgomery & Co., Inc. ....	291 29
57127	2-12-15	Hull, Grippen & Co. ....	7 52	56952	3-19-15	Peter J. Constant .....	24 63	57351	2-25-15	Bloomington Bros. ....	11 88
57128	2-27-15	American Thermos Bottle		56953	3-27-15	Thomas C. Dunham .....	77 73	57352	1-18-15	Hammacher, Schlemmer &	
		Co. ....	2 70	56954	3-17-15	C. D. Durkee & Co. ....	3 41		Co. ....	34 50	
57129	3-11-15	Wm. A. Sander .....	20 68	56955	3-22-15	Chas. H. Heinsohn .....	1 08	57353	3- 8-15	Barnhardt Bros. & Spindler.	8 05
57130	1- 2-15	Welsbach Gas Lamp Co. ....	99 55	56956	1-22-15	Hull, Grippen & Co. ....	38 87	57354	3- 6-15	Dennison Mfg. Co. ....	1 85
57131	3-31-15	J. Saron .....	30 00	56957	3-19-15	The Knickerbocker Supply		57355	2-25-15	N. Y. Pressing Iron Co. ....	12 15
57132	3- 5-15	E. B. Meyrowitz .....	7 43			Co. ....	42 00	57356	3- 2-15	R. Heinisch's Sons Co. ....	13 50
57133	3-13-15	A. C. Lawrence .....	68 41	56958	3-12-15	Montgomery & Co. ....	80	57357	2-16-15	Holland Mfg. Co. ....	5 67
57134	3-20-15	Wappler Electric Mfg. Co..	12 50	56959	3-16-15	The J. L. Mott Iron Works.	32 50	57358	2-18-15	Jos. Dixon Crucible Co. ....	4 00
57135	3-22-15	The Prometheus Electric Co.	19 50	56960	3- 6-15	D. C. Pullis .....	5 27	57359	2-15-15	Edward P. Leveen & Co. ....	10 50
57136	4- 1-15	W. Gedge .....	31 50	56961	4- 5-15	Geo. Rahmann & Co. ....	46 90	57360	3-10-15	Kalt Lumber Co. ....	30 00
57137	3-16-15	H. W. Johns-Manville Co..	8 50	56962	3-11-15	The Frank Richard & Gard-		57361	3- 5-15	Sinclair & Valentine Co. ....	3 00
57138	3-31-15	Keystone Veterinary Infirmary				ner Co. ....	25 62	57362	3- 1-15	Max Pollack & Co. ....	5 70
		and Horseshoeing Estab-		56963	4- 6-15	John Simons Co. ....	4 94	57363	3- 1-15	Bruce & Cook .....	15 59
		lishment .....	12 75	56964	3- 8-15	The Smith-Worthington Co.	2 35	57364	2-13-15	American Type Founders Co.	2 69
57139	3- 2-15	Lippe & Co. ....	7 50	57019	2-27-15	Wetherill & Brothers .....	2,740 00	57365	3- 1-15	Union Card & Paper Co. ....	9 00
57140	12- 8-14	Standard Oil Co. of N. Y..	72 05	57020	3-16-15	The Smith-Worthington Co.	38 88			<b>Department of Finance.</b>	
57141	11-25-14	B. Rothblatt & Son. ....	212 00	57021	3- 8-15	F. Wesel Mfg. Co. ....	7 20	56580		Carolina Piletieri .....	\$54 00
57142	9-12-14	Bloomington Bros. ....	117 00	57022	3-16-15	Chas. G. Willoughby .....	51 35	56627	4-15-15	The Barton Mfg. Co. ....	24 63
57143	1-31-15	Mutual Milk & Cream Co..	634 92	57023	3-27-15	Commercial Efficiency Co..	4 25	56628	4-21-15	Boston Specialty Corp. ....	8 00
57144	3-25-15	John Bellman .....	132 64	57024	3-17-15	Keuffel & Esser Co. ....	48	56629	4-21-15	John P. Muller & Son. ....	2 00
57145	3-12-15	Federal Cotton Mfg. Co. ....	68 20	57025	4- 1-15	Wm. Mann Co. ....	16 90	56630	4-23-15	The Addressograph Co. ....	126 69
57146	3-29-15	Lewis Mfg. Co. ....	300 00	57026	3- 9-15	R. L. Polk & Co., Inc. ....	12 00	56631	4-19-15	The Addressograph Co. ....	152 00
57147		H. T. Jarrett .....	146 48	57027	3- 9-15	The Tabulating Machine Co.	2 14	56632	4-23-15	The Addressograph Co. ....	56 73
57148		The Roessler & Hasslacher		57028	2- 8-15	Wilson Stamp Co. ....	8 10	56633	4-21-15	Library Bureau .....	7 60
		Chemical Co. ....	202 45	57029	3-18-15	Jas. S. Barron & Co. ....	415 87	56634	4-21-15	Library Bureau .....	15 75
57149		Eureka Glass Works .....	15 00	57030	2- 4-15	Peter J. Constant .....	872 25	56635	4-23-15	P. W. Valley, Inc. ....	21 00
57150	3-20-15	Electro Surgical Inst. Co. ....	13 95	57031	3-15-15	H. T. Dakin .....	42 12	56636	4-21-15	Remington Typewriter Co..	12 00
57151	3-20-15	Jas. A. Miller .....	17 64	57032	1- 8-15	J. B. Greenhut Co. ....	868 00	56637	4-26-15	T. E. Quinn .....	21 00
57152	3-13-15	Robt. Ferguson .....	42 96	57033		D. C. Pullis .....	1 40	56717		Ajax Trucking Co. ....	213 93
57153	3- 5-15	Chas. W. Brucher .....	18 00	57034	3-18-15	Agent and Warden, Auburn		56718	4-19-15	American Dist. Tel. Co. ....	10 43
57154	3-22-15	Goodyear India Rubber Sell-				ing Co. ....	4 87	56723		Shepard A. Morgan .....	25 45
		ing Co. ....	40 00	57035	3-27-15	The Smith-Worthington Co.	79 00	56991		Jos. Kahn .....	18 75
57155	2-25-15	N. Y. French Range Co. ....	248 56	57036	3-27-15	Florida Sponge & Chamois		56992		Ford Motor Co. ....	55 48
		<b>County Court, Queens County.</b>				Co. ....	6 49	56993		J. V. McEvily .....	10 00
56606	3-15-15	Gane Bros. & Co. ....	\$548 40	57037	3-31-15	Hull, Grippen & Co. ....	8 50	56994		Frank J. Fee .....	10 00
		<b>Board of City Record.</b>		57038	3-11-15	Stanley & Patterson .....	3 67	56995		Abraham Treibitz .....	500 00
56836	41109	Henry Bainbridge & Co. ....	\$110 19	57039	3-15-15	Jas. S. Barron &					



Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.
57073	St. Christopher Hospital for Babies	265 65	57175	Anthony Krayer	67 57	57355	Tinius Olsen Testing Machine Co.	432 67
57074	St. Johns Long Island City Hospital	1,526 60	57176	Shults Bread Co.	31 75	57356	Tinius Olsen Testing Machine Co.	459 50
57075	St. Vincents Hospital of The City of New York	3,816 24	57177	Shults Bread Co.	11 81	57357	Steele & Condit, Inc.	36 00
57076	The Hospital of the Holy Family	877 45	57178	Shults Bread Co.	13 11	57358	Shadbolt Mfg. Co.	149 20
57077	The New York Throat, Nose and Lung Co.	287 20	57179	Henneberger & Herold	44 16	57359	H. Smith	20 00
57078	Wayside Home	360 41	57180	Henneberger & Herold	56 42	57360	Eugene Dietzgen Co.	34 80
57079	County of New York, Syracuse State Institution for Feeble Minded Children	486 74	57181	Henneberger & Herold	685 36	57361	The Brooklyn Alcatraz Asphalt Co.	16 50
57080	County of New York, N. Y. Institution for the Instruction of the Deaf and Dumb	5,179 05	57182	Henneberger & Herold	583 27	57362	Remington Typewriter Co.	1 35
57081	County of New York, Western New York Institution for Deaf Mutes	7 40	57183	Henneberger & Herold	409 23	57363	Public Service Commission.	
57082	County of Bronx, Syracuse State Institution for Feeble Minded Children	24 66	57184	Samuel E. Hunter	1,282 84	57364	Fred'k L. Cranford, Inc.	\$42,459 27
57083	County of Kings, Syracuse State Institution for Feeble Minded Children	106 63	57185	Samuel E. Hunter	62 46	57365	Fred'k L. Cranford, Inc.	23,301 59
57084	County of Kings, N. Y. Institution for the Instruction of the Deaf and Dumb	1,172 02	57186	Samuel E. Hunter	694 10	57366	Fred'k L. Cranford, Inc.	22,716 38
57085	County of Kings, Syracuse State Institution for the Instruction of the Deaf and Dumb	2,551 43	57187	Samuel E. Hunter	62 46	57367	Underwood Typewriter Co., Inc.	83 03
57086	County of Kings, N. Y. Institution for the Instruction of the Deaf and Dumb	3,335 45	57188	Samuel E. Hunter	694 10	57368	M. B. Brown P. & B. Co.	114 49
57087	County of Kings, St. Josephs Institution for the Improved Instruction of Deaf Mutes	5,927 30	57189	Samuel E. Hunter	694 10	57369	Law Printing Co.	1,425 40
57088	County of Queens, Syracuse State Institution for Feeble Minded Children	19 73	57190	Samuel E. Hunter	694 10	57370	Clarence S. Nathan	21 00
57089	County of Queens, N. Y. Institution for the Instruction of the Deaf and Dumb	583 15	57191	Samuel E. Hunter	694 10	57371	W. M. Pringle & Co.	216 05
57090	County of Queens, St. Josephs Institute for the Improved Instruction of Deaf Mutes	532 60	57192	Samuel E. Hunter	694 10	57372	Auburn Prison	469 50
57091	County of Richmond, N. Y. Institution for the Instruction of the Deaf and Dumb	94 93	57193	Samuel E. Hunter	694 10	57373	E. H. Walsh	24 10
57092	County of N. Y., N. Y. Institution for the Instruction of the Deaf and Dumb	7 64	57194	Samuel E. Hunter	694 10	57374	The American Meter Co.	22 72
57093	County of Kings, N. Y. Institution for the Instruction of the Deaf and Dumb	34 08	57195	Samuel E. Hunter	694 10	57375	Baker, Voorhis & Co.	7 50
57094	County of Kings, N. Y. Institution for the Instruction of the Deaf and Dumb	250 00	57196	Samuel E. Hunter	694 10	57376	Baron Printing Co.	22 50
57324	Harry S. Purdy, Attorney for Mary J. Archer	250 00	57197	Samuel E. Hunter	694 10	57377	Bendiner & Schlesinger	6 45
57325	Peter W. Rouss	500 00	57198	Samuel E. Hunter	694 10	57378	Bishop, McCormick & Bishop	7 10
57326	Edward L. Partridge	150 00	57199	Samuel E. Hunter	694 10	57379	C. C. Bohn Electric Co.	11 45
57327	Francis Ludford et al.	150 00	57200	Samuel E. Hunter	694 10	57380	M. B. Brown P. & B. Co.	1,032 35
57328	Civic Centre Co. & Surety Realty Co.	645 83	57201	Samuel E. Hunter	694 10	57381	C. S. Busse	180 20
57333	Lillian W. White	137 33	57202	Samuel E. Hunter	694 10	57382	Corn Surgical Instrument Co.	10 80
57334	Lillian W. White	233 88	57203	Samuel E. Hunter	694 10	57383	Geo. Damon & Sons	1 66
57335	Gennaro Caso	260 01	57204	Samuel E. Hunter	694 10	57384	Ford Motor Co.	3 50
57336	Christian A. Hansen	47 17	57205	Samuel E. Hunter	694 10	57385	The General Fireproofing Co.	120 75
57337	Julius Paley	150 00	57206	Samuel E. Hunter	694 10	57386	David L. Herman, Inc.	127 50
57338	East River Savings Institution	5,000 00	57207	Samuel E. Hunter	694 10	57387	Robert Klaiber	3 30
57339	Leon Tuchman	4,000 00	57208	Samuel E. Hunter	694 10	57388	Kolesch & Co.	1 64
57340	Paul Bonyne	3,050 00	57209	Samuel E. Hunter	694 10	57389	Law Printing Co.	1,198 55
56868	Asylum of St. Vincent de Paul	768 83	57210	Samuel E. Hunter	694 10	57390	The Legislative Index Pub. Co.	375 00
56869	American Female Guardian Society and Home for the Friendless	3,320 03	57211	Samuel E. Hunter	694 10	57391	Lithoprint Co., Inc.	14 04
56870	American Female Guardian Society and Home for the Friendless	1,196 07	57212	Samuel E. Hunter	694 10	57392	John Meehan & Co.	29 00
56871	Brooklyn Home for the Blind, Crippled and Defective Children	4,091 98	57213	Samuel E. Hunter	694 10	57393	Metropolitan Hardware Co.	4 25
56872	Columbus Hospital	1,290 60	57214	Samuel E. Hunter	694 10	57394	Mone Signs	14 00
56873	Church Charity Foundation of Long Island, Home for the Blind	27 12	57215	Samuel E. Hunter	694 10	57395	J. H. Moyle	9 40
56874	Council Home for Jewish Girls	177 14	57216	Samuel E. Hunter	694 10	57396	Neal & Brinker Co.	3 20
56875	German Hospital and Dispensary	117 50	57217	Samuel E. Hunter	694 10	57397	Oatman Mfg. Co.	232 59
56876	German Hospital and Dispensary	1,475 61	57218	Samuel E. Hunter	694 10	57398	Henry Pearl & Sons Co.	22 00
56877	Good Counsel Training School for Young Girls	1,719 26	57219	Samuel E. Hunter	694 10	57399	The J. W. Pratt Co.	87 20
56878	Hebrew Sheltering Guardian Society	13,009 70	57220	Samuel E. Hunter	694 10	57400	The Ready Auto Supply Co.	7 50
56879	Italian Hospital of the Boro of Manhattan	1,109 30	57221	Samuel E. Hunter	694 10	57401	Tower Mfg. & Novelty Co.	19 65
56880	Italian Hosp. of the Boro of Manhattan	19 96	57222	Samuel E. Hunter	694 10	57402	Underwood Typewriter Co., Inc.	66 13
56881	Knickerbocker Hosp.	944 60	57223	Samuel E. Hunter	694 10	57403	Union Carbide Sales Co.	11 25
56882	Methodist Episcopal Hosp. of the City of Brooklyn	1,018 67	57224	Samuel E. Hunter	694 10	57404	West Publishing Co.	7 00
56883	Montefiore Home	9,630 00	57225	Samuel E. Hunter	694 10	57405	Western Electric Co.	14 00
56884	Norwegian Lutheran Deaconesses Home and Hosp.	711 98	57226	Samuel E. Hunter	694 10	57406	Wolf Safety Lamp Co. of America, Inc.	4 56
56885	New York Magdalen Home	1,372 76	57227	Samuel E. Hunter	694 10	57407	The Brooklyn Citizen	67 20
56886	Rockaway Beach Hosp. and Dispensary	263 70	57228	Samuel E. Hunter	694 10	57408	The Brooklyn Daily Eagle	62 72
56887	Roman Catholic House of the Good Shepherd	3,525 34	57229	Samuel E. Hunter	694 10	57409	New York American	44 00
56888	St. Marks Hospital of New York City	268 40	57230	Samuel E. Hunter	694 10	57410	The N. Y. Herald Co.	24 80
56889	St. Marks Hosp. of New York City	21 25	57231	Samuel E. Hunter	694 10	57411	N. Y. Commercial	20 00
57174	Department of Health.	\$7 98	57232	Samuel E. Hunter	694 10	57412	Sun Printing & Pub. Co.	24 00
	Anthony Krayer	9 92	57233	Samuel E. Hunter	694 10	57413	The Evening Mail	33 60
	Anthony Krayer		57234	Samuel E. Hunter	694 10	57414	The Tribune Assn	40 00
			57235	Samuel E. Hunter	694 10	57415	Engineering Record	11 20
			57236	Samuel E. Hunter	694 10	57416	Engineering & Contracting	9 60
			57237	Samuel E. Hunter	694 10	57417	The Journal of Commerce & Commercial Bulletin	97 80
			57238	Samuel E. Hunter	694 10	57418	New York Press Co., Ltd.	132 00
			57239	Samuel E. Hunter	694 10	57419	The Underpinning & Foundation Co.	18,000 00
			57240	Samuel E. Hunter	694 10	57420	The American Dist. Tel. Co.	8 65
			57241	Samuel E. Hunter	694 10	57421	Wm. C. Bergen	41 66
			57242	Samuel E. Hunter	694 10	57422	H. U. Singh	100 00
			57243	Samuel E. Hunter	694 10	57423	John H. Myers	95 09
			57244	Samuel E. Hunter	694 10	57424	Jesse O. Shipman	49 38
			57245	Samuel E. Hunter	694 10	57425	Department of Public Charities.	
			57246	Samuel E. Hunter	694 10	57426	Urquhart & Fox Co., Inc.	1 04
			57247	Samuel E. Hunter	694 10	57427	Sulzberger & Sons Co.	43 82
			57248	Samuel E. Hunter	694 10	57428	Swift & Co., Inc.	621 36
			57249	Samuel E. Hunter	694 10	57429	R. F. Stevens Co.	1,585 15
			57250	Samuel E. Hunter	694 10	57430	R. F. Stevens Co.	2,957 89
			57251	Samuel E. Hunter	694 10	57431	Meyer, Denker, Sinram Co.	987 82
			57252	Samuel E. Hunter	694 10	57432	R. W. Geldart	773 77
			57253	Samuel E. Hunter	694 10	57433	Jas. Thompson & Son	465 00
			57254	Samuel E. Hunter	694 10	57434	Jas. Thompson & Son	559 25
			57255	Samuel E. Hunter	694 10	57435	Jas. Thompson & Son	1,837 50
			57256	Samuel E. Hunter	694 10	57436	Jas. Tregarthen, Son & Co.	1,759 00
			57257	Samuel E. Hunter	694 10	57437	Department of Street Cleaning.	
			57258	Samuel E. Hunter	694 10	57438	Thomas M. Blake	82 50
			57259	Samuel E. Hunter	694 10	57439	Frank J. Lennon Co.	30 00
			57260	Samuel E. Hunter	694 10	57440	Frank J. Lennon Co.	32 18
			57261	Samuel E. Hunter	694 10	57441	Frank J. Lennon Co.	91 20
			57262	Samuel E. Hunter	694 10	57442	Lehn & Fink	1 20
			57263	Samuel E. Hunter	694 10	57443	Powers-Weightman - Rosen-garten Co.	26 00
			57264	Samuel E. Hunter	694 10	57444	J. W. Gasteiger & Son	12 00
			57265	Samuel E. Hunter	694 10	57445	Commercial Coal Co.	14 50
			57266	Samuel E. Hunter	694 10	57446	Robert Gordon & Son, Inc.	63 50
			57267	Samuel E. Hunter	694 10	57447	Olin J. Stephens	101 25
			57268	Samuel E. Hunter	694 10	57448	Great Bear Spring Co.	1 80
			57269	Samuel E. Hunter	694 10	57449	Kanouse Mountain Water Co.	3 30
			57270	Samuel E. Hunter	694 10	57450	The Peerless Towel Supply Co.	9 38
			57271	Samuel E. Hunter	694 10	57451	The Peerless Towel Supply Co.	9 38
			57272	Samuel E. Hunter	694 10	57452	Henry Romeike, Inc.	1 65
			57273	Samuel E. Hunter	694 10	57453	Nicholas Sabino	3 99
			57274	Samuel E. Hunter	694 10	57454	St. Nicholas Garage & Taxi Cab Co.	100 14
			57275	Samuel E. Hunter	694 10	57455	Nonpareil Garage Co.	41 67
			57276	Samuel E. Hunter	694 10	57456	Prospect Taxi Co., Inc.	46 49
			57277	Samuel E. Hunter	694 10	57457	Bedford Auto Garage	47 80
			57278	Samuel E. Hunter	694 10	57458	Jos. Murray & Co., Inc.	27 50
			57279	Samuel E. Hunter	694 10	57459	Jos. Murray & Co.	1 80
			57280	Samuel E. Hunter	694 10	57460		
			57281	Samuel E. Hunter	694 10	57461		
			57282	Samuel E. Hunter	694 10	57462		
			57283	Samuel E. Hunter	694 10	57463		
			57284	Samuel E. Hunter	694 10	57464		
			57285	Samuel E. Hunter	694 10	57465		
			57286	Samuel E. Hunter	694 10	57466		
			57287	Samuel E. Hunter	694 10	57467		
			57288	Samuel E. Hunter	694 10	57468		
			57289	Samuel E. Hunter	694 10	57469		
			57290	Samuel E. Hunter	694 10	57470		
			57291	Samuel E. Hunter	694 10	57471		
			57292	Samuel E. Hunter	694 10	57472		
			57293	Samuel E. Hunter	694 10	57473		
			57294	Samuel E. Hunter	694 10	57474		
			57295	Samuel E. Hunter	694 10	57475		
			57296	Samuel E. Hunter	694 10	57476		
			57297	Samuel E. Hunter	694 10	57477		
			57298	Samuel E. Hunter	694 10	57478		
			57299	Samuel E. Hunter	694 10	57479		
			57300	Samuel E. Hunter	694 10	57480		



Invoice Finance Date Vouch- or Con- No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- No. tract Number.	Name of Payee.	Amount.
56640 2-1-15	North Sand Co.....	39 00	56696 4-4-15	Fredk. Starr Cont. Co.....	44 70	56738	Charles Goodman .....	92 82
56641 2-27-15	American Seating Co.....	144 00	56697 3-10-15	Brooklyn Labor Lyceum....	24 70	56739	Charles E. Wells.....	17 55
56642 3-12-15	American Type Founders Co. ....	1 70	56698	Bushwick Lunch .....	15 75	56740	Kingston Gas & Electric Co.	1 00
56643 1-5-15	Art Metal Constr. Co.....	127 60	56699 3-8-15	McCann's Dining Rooms....	20 75	56741 4-1-15	N. Y. Telephone Co.....	10 56
56644 3-29-15	A. F. Brombacher & Co....	72	56700 4-3-15	Uneeda Lunch .....	6 15	<b>Department of Water Supply, Gas and Electricity.</b>		
56645 3-2-15	Underwood Typewriter Co., Inc. ....	3 50	56701	Vogric Bros. ....	37 00	57256	New Towel Supply Co.....	\$3 12
56646 1-20-15	Sing Sing Prison.....	217 50	56702 3-22-15	A. F. Brombacher & Co.....	50	57257 3-22-15	The Texas Co.....	96 00
56647 3-18-15	Chas. Beseler Co.....	3 80	56703 3-19-15	N. Y. Standard Ash Can Mfg. Co., Inc. ....	4 00	57258 3-15-15	Keuffel & Esser Co.....	14 56
56648 1-22-15	William Dengler .....	18 29	56704 3-9-15	E. G. Ruhle & Co.....	4 16	57259 3-30-15	Shaw, Walker Co.....	28 88
56649 4-8-15	Dieges & Clust .....	10 80	56705 3-18-15	A. G. Spaulding & Bros....	7 20	57260	H. Mueller Mfg. Co.....	13 39
56650 3-13-15	S. F. Hayward & Co.....	165 00	56706 2-28-15	Municipal Garage .....	50 95	57261 1-27-15	Topping Bros. ....	25 36
56651 3-10-15	Montgomery & Co., Inc....	7 20	56707 2-3-15	N. Y. Sporting Goods Co....	9 90	57262 4-10-15	Thos. A. Glendinning....	8 00
56652 3-19-15	Ogden & Wallace.....	196 90	56708 4-1-15	St. Nicholas Garage & Taxi Cab Co. ....	81 96	57263 4-5-15	Republic Const. Co.....	13 05
56653 3-18-15	The Woodhouse Mfg. Co.,	24 00	56709 1-27-15	Wm. E. Klein & Co.....	91 00	57264 4-1-15	Jas. Kelly.....	71 25
56654 3-10-15	The Manhattan Supply Co	9 09	56710 4-5-15	Stanley & Patterson.....	109 82	57265 4-5-15	Cassidy's Express & Van Co.	81 00
56655 3-4-15	The Cleveland Osborn Mfg. Co. ....	64 80	56711	A. F. Brombacher & Co....	6 97	57266 4-4-15	Daniel J. Haggerty.....	27 50
56656 2-8-15	Sing Sing Prison.....	21 58	57099 3-23-15	The Knickerbocker Sup. Co.	77 24	57267	A. Devine .....	83 33
56657 2-27-15	Pittsburgh Plate Glass Co..	3 15	57100	The Good Roads Machinery Co., Inc. ....	990 00	57268	Thos. Murphy .....	30 00
56658 3-30-15	Vought & Williams.....	454 84	57101 4-6-15	Reiser's Cafe Restaurant ..	5 00	57269	N. Y. Towel Supply Co....	3 12
56659 1-28-15	Detroit Cadillac Motor Car Co. ....	6 05	57095 11-18-14	Knickerbocker Sup. Co.....	82 54	57270 4-3-15	Splitdorf Electrical Co. of N. Y. ....	9 30
56660 3-19-15	Ford Motor Co.....	2 75	57096 1-27-15	Thos. W. Woods Sons.....	165 00	57271	Autcar Sales Co.....	146 21
56661 2-26-15	Knox Motors Co.....	44 80	57097 2-1-15	Prospect Taxicab Co., Inc..	6 20	57272 3-30-15	Standard Cast Iron Pipe & Foundry Co. ....	52 72
56662 2-15-15	Knox Motors Co.....	62 53	57098 2-26-15	A. F. Brombacher & Co.....	64 50	57273	Emil F. Godigkeit .....	4 26
56663 3-9-15	N. Y. Sporting Goods Co..	4 00	56849 41894	Chas. H. Vass & Co.....	8,540 00	57274 2-24-15	N. Lasker .....	2 77
56664 2-17-15	A. S. Sherwood.....	23 95	56850 41363	D. B. Fleming & Son.....	2,427 12	57275 2-3-15	Thomson Meter Co.....	3 15
56665 3-18-15	The White Co.....	3 93	56851 17422	Edward Holland & Co.....	825 00	57276 2-8-15	Louis Demsky .....	4 94
56666 2-17-15	Chas. W. Brucher .....	126 00	56852 38795	Dailey & Ivins.....	141 72	57277 2-15-15	Jas. I. Kelly.....	11 47
56667 3-31-15	S. F. Hayward & Co.....	5 25	56853 38795	Dailey & Ivins.....	128 00	57278 3-1-15	Wm. F. Walker .....	2 58
56668 4-6-15	The Manhattan Supply Co.	29 75	56854 40550	Snow Contracting Co., Inc..	15,456 75	57279 2-5-15	Michael Dumey .....	5 20
56669 3-19-15	Watson Wagon Co.....	129 03	56855 40548	County Contracting Co., Inc.	921 64	57280 3-3-15	N. Y. Sporting Goods Co..	22 29
56670 2-19-15	D. Pelletieri & Co.....	46 00	56856 40773	Robert W. Hunt & Co.....	35 05	57281 4-6-15	Cavanagh Bros. & Co.....	3 90
56671 3-17-15	Globe Roofing Co.....	200 00	56857 40629	Robert W. Hunt & Co.....	52 36	57282	H. W. Johns-Mansville Co.	1 98
56672 1-18-15	New Standard Adding Ma- chine Co. ....	2 35	<b>United States Volunteer Life-Saving Corps.</b>			57283 3-22-15	Department of Correction..	64 08
56673 3-18-15	The Gillette Clipping Ma- chine Co. ....	30 55	56812 4-26-15	American Flag Co. ....	119 50	57284 4-13-15	Cross, Austin & Ireland Lumber Co. ....	2 94
56674 4-8-15	Welsbach Gas Lamp Co....	236 73	56813 4-9-15	Thos. F. McNamara .....	1 30	57285 4-10-15	M. E. Conran Co., Inc....	48 16
56675 4-8-15	The New York O. K. Ice Cream Co. ....	441 00	56814 4-9-15	The Globe House Wrecking Co. ....	20 84	57286	Hammacher, Schlemmer & Co. ....	12 00
56676 4-8-15	The New York O. K. Ice Cream Co. ....	801 00	56815 4-10-15	Patterson Brothers .....	15 31	57287 4-15-15	Thomson Meter Co.....	48 75
56677 3-31-15	Municipal Garage .....	20 00	56816 4-15-15	F. W. Devoe & C. T. Ray- nolds Co. ....	11 37	57288	Frank J. Eisinger .....	83 75
56678 2-28-15	Municipal Garage .....	10 71	56817 4-17-15	Chas. E. Raynor.....	5 70	57289 4-18-15	Smith Theis .....	92 50
56679 4-1-15	St. Nicholas Garage & Taxi Cab Co. ....	18 00	56818	Ida Osborne .....	11 00	57290	Mrs. John Remmet .....	54 00
56680 3-31-15	Nonpareil Garage Co.....	20 00	56819 4-17-15	Stewart Warren & Co., Inc.	40	57291 4-15-15	Record and Guide .....	5 00
56681	The Good Roads Machinery Co. ....	990 00	<b>Board of Water Supply.</b>			56822	Alfred Williamson .....	33 57
56682 3-31-15	N. Y. Contracting & Truck- ing Co. ....	930 00	56724 3-18-15	The Bristol Company.....	24 63	56823	E. G. Manahan .....	31 59
56683 4-1-15	John Rehm, Jr.....	2 50	56725 4-7-15	Brown Auto Supply Co....	5 76	56824	H. E. Sholl .....	63 17
56684 1-9-15	Baker, Barron, Inc.....	115 50	56726 4-16-15	Burroughs Adding Machine Co. ....	4 00	56825	Thos. J. Gannon .....	23 80
56685	Boulevard Lunch .....	20 60	56727 4-15-15	Crosby Steam Gage & Valve Co. ....	31 48	56826	Jas. H. Little .....	45 04
56686 3-12-15	The Degnon Cont. Co.....	624 93	56728 4-2-15	R. & J. Dick, Ltd.....	18 85	56827	Thos. F. Crelly .....	85 76
56687 1-22-15	The East River Mill & Lum- ber Co. ....	18 50	56729 4-13-15	Dobbie Foundry & Machine Co. ....	55 00	56828	Wm. P. Hennessy .....	4 40
56688 3-19-15	Smith & Brown .....	28 55	56730 3-31-15	Dodge Sales & Engineering Co. ....	13 05	56829	Geo. R. Williams .....	39 55
56689 3-7-15	Joe's Restaurant .....	11 80	56731 4-16-15	W. & B. Douglas.....	5 75	56830	Jos. A. Ryan .....	11 60
56690 2-2-15	Lanigan Bros., Inc.....	20 00	56732 3-27-15	Hammacher, Schlemmer & Co. ....	32 09	56831	Wm. R. Massie .....	37 75
56691 2-2-15	Lanigan Bros., Inc.....	393 63	56733 4-1-15	The Lithoprint Co.....	31 66	56832	James A. Swayne .....	111 30
56692	Philipp Page .....	45 20	56734	Menconi Brothers .....	345 00	56833	F. W. Hancock .....	6 95
56693 1-2-15	Quick & McKenna .....	20 00	56735 3-31-15	J. Edward Ogden Co., Inc.	128 50	56834	Peter Johnson .....	30 34
56694 3-3-15	Remington Typewriter Co..	612 37	56736 4-14-15	O'Keefe-Bannin Co., Inc..	38 90	56835	George Morgan .....	35 20
56695 3-3-15	Remington Typewriter Co..	561 33	56737	John R. Freeman.....	62 48	57319 17569	Kings Co. Lighting Co....	36,126 90

## DEPARTMENT OF FINANCE.

Office of the City Chamberlain, New York, April 9, 1915.

Hon. JOHN PURROY MITCHELL, Mayor:

Sir—In pursuance of Section 196, Chapter 466 of the Laws of 1901, I have the honor to present herewith a report to March 13, 1915, of all moneys received by me, and the amount of all warrants paid by me since March 6, 1915, and the amount remaining to the credit of the City on March 13, 1915.

HENRY BRUERE, Chamberlain.

The City of New York, in Account with Henry Bruere, Chamberlain, During the Week Ending March 13th, 1915.

March 6th, 1915, Balance.....	\$21,961,566 71
March 13th, 1915.	
Ar. Taxes, 1899, Etc., Manhattan—Coll. Assts.....	\$337,512 24
Ar. Taxes, 1899, Etc., Bronx—Coll. Assts.....	49,579 84
Ar. Taxes, 1899, Etc., Brooklyn—Coll. Assts.....	174,992 26
Ar. Taxes, 1899, Etc., Queens—Coll. Assts.....	62,225 67
Ar. Taxes, 1899, Etc., Richmond—Coll. Assts.....	8,154 42
St. Impt. Fd., Jan. 1, 1898, Man.—Coll. Assts.....	\$2,986 08
St. Impt. Fd., Jan. 1, 1898, Bronx—Coll. Assts.....	48,118 56
St. Impt. Fd., Jan. 1, 1898, Bkn.—Coll. Assts.....	39,102 79
St. Impt. Fd., Jan. 1, 1898, Qns.—Coll. Assts.....	21,799 40
St. Impt. Fd., Jan. 1, 1898, Rich.—Coll. Assts.....	1,174 14
Fund for St. and Park Opgs., Man.—Coll. Assts.....	\$2,348 62
Fund for St. and Park Opgs., Bronx—Coll. Assts.....	16,082 48
Fund for St. and Park Opgs., Bkn.—Coll. Assts.....	14,012 18
Fund for St. and Park Opgs., Qns.—Coll. Assts.....	19,237 24
Fund for St. and Park Opgs., Rich.—Coll. Assts.....	317 24
Restoring Pavements, Man.—Coll. Assts.....	13 75
Int. Restoring Pavements, Man.—Coll. Assts.....	1 46
Water Meter Fund No. 2, Man.—Coll. Assts.....	56 03
Receipts and Exps. Tax Sales, Bkn.—Coll. Assts.....	3 00
Prin. and Int. 26th Wd. Bds., Bkn.—Coll. Assts.....	294 20
Sewer Assts., 29th Wd., Inst., Bkn.—Coll. Assts.....	51 25
Opening, Etc., Assts., 31st Wd., Inst., Bkn.—Coll. Assts.....	187 43
Flatbush Ave. Impt., 29th Wd., Bkn.—Coll. Assts.....	53 90
Opening, Etc., Bedford Ave., Bkn.—Coll. Assts.....	175 59
Local Impt., Late Town New Utrecht—Coll. Assts.....	205 40
Water Meter Fund, Brooklyn—Coll. Assts.....	40
Ar. Water Rents, Brooklyn—Coll. Assts.....	3,112 93
Int. Water Rents, Brooklyn—Coll. Assts.....	331 21
Ar. Taxes, 1897, Etc., Queens—Coll. Assts.....	22 20
General Impt. Comm., Inst., Qns.—Coll. Assts.....	336 31
General Impt. Comm., Full Paymt., Queens—Coll. Assts.....	71 90
Long Is. City, Water Rents, Qns.—Coll. Assts.....	1,416 80
Long Is. City, Int. Water Rents, Qns.—Coll. Assts.....	154 16
Vill. Coll. Pt., Water Rents, Qns.—Coll. Assts.....	27 99
Vill. Coll. Pt., Int. Water Rents, Qns.—Coll. Assts.....	3 06
Vill. Whitestone, Water Rents, Qns.—Coll. Assts.....	16 60
Vill. Whitestone, Int. Water Rents, Qns.—Coll. Assts.....	1 19
Vill. Bayside, Water Rents, Qns.—Coll. Assts.....	65 12
Vill. Bayside, Int. Water Rents, Qns.—Coll. Assts.....	4 12
Receipts and Exps. Tax Sales, Qns.—Coll. Assts.....	10 50
Water Meter Fund, Queens—Coll. Assts.....	48 37
Ar. Taxes, 1897, Etc., Richmond—Coll. Assts.....	72 77
Receipts and Exps. Tax Sales, Rich.—Coll. Assts.....	1 50
Brooklyn Bridge Revenue, 1915—Kracke.....	5,952 50
Williamsburgh Bridge Revenue, 1915—Kracke.....	2,142 95

Water Meter Fund, Brooklyn—Williams.....	27 15
Water Revenue, Brooklyn—Williams.....	\$426 88
Water Rents, Brooklyn—Williams.....	151,478 34
Water Rents, Queens—Williams.....	151,905 22
Water Meter Fund No. 2, Man.—Williams.....	7,843 36
Electric Meter Test Deposits—Compr.....	9 32
Reimbursement by Railway Cos., Repairing Sts. Bet. Tracks—Marks..	8 00
Unclaimed Salaries and Wages—Timm.....	129 98
Dept. St. Cleaning Pension Fd.—Fetherston.....	210 50
Cons. Private Sewers, Queens—Connolly.....	875 35
Forfeited Recognizances, N. Y. Co.—Perkins.....	30 00
Restoring and Repaving, Man.—Marks.....	2,630 17
Restoring and Repaving, Bronx—Mathewson.....	3,158 39
Restoring and Repaving, Bkn.—Pounds.....	1,076 00
Restoring and Repaving, Qns.—Connolly.....	1,139 42
Restoring and Repaving, Rich.—McCormack.....	645 50
Excise Taxes, Queens Co.—Jervis.....	49 00
Croton Water Rents Refunding Acct., C. S. Fd.....	741 87
Refunds Payable Special, C. S. Fd.....	952 58
Refunds on Licenses of Taxicabs, C. S. Fd.....	7 09
Sheriff's Fees, N. Y. Co.—Griffiths.....	532 84
CCM 301A, Rapid Transit Cons. Fd.—Compr.....	8,158 95
SPM 1, Pres., Bor. Manhattan—Timm.....	230,000 00
CFM 25, Street Impt. Fund—Timm.....	900 79
CFM 25, Street Impt. Fund—Compr.....	\$108 19
SPX 1, Undistributed Payrolls—Timm.....	16 92
S 555, Perfecting Title, Etc.—Compr.....	125 11
CDW 42E, Dept. W. S., G. and E., Etc.—Timm.....	5 36
S 484, Dept. W. S., G. and E., Etc.—Timm.....	111 75
RD 2, Municipal Garage—Kracke.....	41 93
RFM 25F, Dept. Finance—Compr.....	10 26
RFM 25J, Dept. Finance—Compr.....	1,029 32
RDW 17A, Dept. W. S., G. and E.—Williams.....	9 96
Pro. Sale Corp. Stock Notes Prov. Supp. Water, C. S. Fund.....	50
Revenue Bonds of 1915—	350,000 00
2½ Per Cent.—Salomon Bros. & Hutzler.....	\$1,000,000 00
2½ Per Cent.—Robt. W. Daniel & Co.....	500,000 00
2½ Per Cent.—Goldman, Sachs & Co.....	3,000,000 00
33, 1899, Supreme Court, First Dept.—Compr.....	4,500,000 00
850, 1914, Dept. Education—Compr.....	121 70
850, 1914, Dept. Education—Timm.....	\$5,572 77
850, 1914, Dept. Education—Cook .....	106 91
1822, 1914, Dept. Health—Timm.....	71 25
1823, 1914, Dept. Health—Timm.....	5,750 93
1824, 1914, Dept. Health—Timm.....	81
1825, 1914, Dept. Health—Timm.....	28 31
1826, 1914, Dept. Health—Timm.....	5 82
1827, 1914, Dept. Health—Timm.....	81
1828, 1914, Dept. Health—Timm.....	7 98
1829, 1914, Dept. Health—Timm.....	5 65
2171, 1914, Dept. W. S., G. and E.—Timm.....	29 03
2173, Dept. W. S., G. and E.—Timm.....	16 13
356, 1914, Pres., Bor. Manhattan—Timm.....	4 83
630, 1914, Pres., Bor. Brooklyn—Compr.....	67 52
3430, 1914, Sheriff, Queens Co.—Timm.....	70 97
850, 1915, Dept. Education—Timm.....	\$882 46
850, 1915, Dept. Education—Compr.....	304 80
850, 1915, Dept. Education—Cook .....	26 04
1817, 1915, Dept. Health—Timm.....	1,213 30
1822, 1915, Dept. Health—Timm.....	3 20
1823, 1915, Dept. Health—Timm.....	11 13
1824, 1915, Dept. Health—Timm.....	46 77
1825, 1915, Dept. Health—Timm.....	2 58
1826, 1915, Dept. Health—Timm.....	52 78
1826, 1915, Dept. Health—Timm.....	24 69







De.		
Dept. Street Cleaning.....	227,486 65	
Assn. of Befriending Children and Young Girls, Etc.....	828 80	
American Female Guardian and Home for Friendless.....	4,571 06	
Brooklyn Training School and Home for Young Girls.....	572 86	
Brooklyn Home for Blind, Crippled and Defective Children.....	3,470 85	
Brooklyn Nursery and Infants Hosp.....	1,022 38	
Brooklyn Children's Aid Society.....	291 66	
Brooklyn Society for the Prevention of Cruelty to Children.....	2,500 00	
Good Counsel Training School for Young Girls.....	1,480 87	
House of Calvary.....	1,148 75	
Hope Farm.....	1,981 02	
Institution of Mercy.....	10,186 66	
International Sunshine Branch for the Blind.....	376 00	
N. Y. Juvenile Asylum.....	8,782 35	
N. Y. Foundling Hosp.....	1,662 50	
Orphan Home, Brooklyn.....	8,181 78	
Orphan Asylum Society of Brooklyn.....	1,902 86	
Richmond County Society for the Prevention of Cruelty to Children.....	166 66	
Roman Catholic House of the Good Shepherd.....	3,524 93	
Society for the Aid of Friendless Women and Children.....	135 32	
St. John's Guild.....	1,875 00	
Sanitarium for Hebrew Children.....	625 00	
St. Agatha Home for Children.....	6,954 00	
St. Agnes Hosp. for Crippled and Atypical Children.....	37 20	
St. Vincent's Hosp., Richmond.....	984 80	
Convent of the Sisters of Mercy in Brooklyn.....	17,234 49	
N. Y. Society for the Relief of the Ruptured and Crippled.....	77 26	
Vocational Training.....	737 24	
Wayside Home.....	349 51	
Commitment of Insane Persons.....	350 00	
Dept. Correction.....	11,371 28	
Bd. of Inebriety.....	229 10	
Dept. Bridges.....	21,161 79	
Dept. Docks and Ferries.....	35,826 88	
City Court of New York.....	10,581 54	
Court of Special Sessions.....	79 06	
City Magistrates' Courts, First Division.....	44 55	
City Magistrates' Courts, Second Division.....	94 30	
City Magistrates' Courts, Second Division.....	205 60	
Municipal Courts of The City of New York.....	2,408 30	
Bd. of Coroners, Manhattan.....	94 50	
Bd. of Coroners, Bronx.....	21 13	
Bd. of Coroners, Brooklyn.....	18 24	
Bd. of Coroners, Queens.....	12 50	
Bd. of Coroners, Richmond.....	9,323 29	
Bd. of City Record.....	373 80	
Advertising.....	45,695 00	
Debt Service.....	1,610 50	
Rent.....	15 30	
Repairs and Maintenance of City Owned Buildings.....		
County of New York.		
County Clerk.....	7,477 33	
District Attorney.....	839 36	
Register.....	670 46	
Commr. of Records.....	3,736 52	
Commr. of Records, Surrogates' Court.....	1,934 15	
Commr. of Jurors.....	2,098 01	
Sheriff.....	6,656 93	
National Guard and Naval Militia.....	690 00	
Supreme Court, First Dept.....	439 36	
Court of General Sessions.....	67 90	
Surrogates' Court.....	7 50	
Fees and Expenses of Jurors.....	72 00	
Disbursements and Fees in Compliance with Section 658, Etc.....	350 00	
Stenographers' Fees, Etc.....	338 30	
Bd. of City Record.....	572 98	
County of Bronx.		
County Clerk.....	169 16	
District Attorney.....	139 08	
Register.....	59 58	
Commr. of Jurors.....	7 28	
Public Administrator.....	377 33	
Sheriff.....	80 19	
Law Library.....	33 20	
Surrogate's Courts.....	24 48	
County Court.....	222 59	
Bd. of City Record.....	276 18	
County of Kings.		
District Attorney.....	466 10	
Register.....	127 00	
Commr. of Records.....	29 24	
Public Administrator.....	45 75	
Sheriff.....	182 41	
Supreme Court, Second Dept.....	29 55	
Surrogate's Court.....	3 75	
County Court.....	104 13	
Disbursements and Fees, Etc.....	125 00	
Bd. of City Record.....	365 28	
County of Queens.		
County Clerk.....	46 13	
District Attorney.....	87 58	
Public Administrator.....	100 00	
County Court.....	19 35	
Supreme Court Library.....	44 45	
Fees and Expenses of Jurors.....	172 00	
Bd. of City Record.....	19 20	
Rent.....	60 00	
County of Richmond.		
Sheriff.....	1,178 32	
County Court and Surrogate's Court.....	879 16	
Bd. of City Record.....	32 96	
Moneys Refundable from the General Fund.....	46 38	
Refunds Payable General Fund.....	4,348 62	
	1,255,782 65	
-Balance.....	\$1,918,193 76	
	26,204,754 38	
	\$28,122,948 14	
The Commissioners of the Sinking Funds of The City of New York in Account with		
Henry Bruere, Chamberlain, For and During the Week Ending March 13th, 1915.		
SINKING FUND REDEMPTION.		
Credit.		
March 6th, 1915, Balance.....	\$1,265,642 32	
March 13th, 1915.....		
Privileges—Goodacre.....	\$287 50	
Rent—Goodacre.....	6,509 44	
Sundry Licenses, Manhattan and Bronx—Bell.....	\$2,420 00	
Sundry Licenses, Brooklyn—Bell.....	947 50	
Sundry Licenses, Queens—Bell.....	10 00	
Sundry Licenses, Richmond—Bell.....	2 50	
Street Vaults, Manhattan—Marks.....	\$949 95	
Street Vaults, Queens—Connolly.....	222 43	
Licenses—Cashman.....	1,172 38	
Fines—Cashman.....	620 00	
Rents, Dept. Docks—Smith.....	92 00	
Interest on City Treasury Balance.....	111,119 66	
Interest on Deposits.....	8,413 56	
	500 34	
	132,094 88	
	\$1,397,737 20	
Deposit in the City Treasury to the Credit of Refunds Licenses Taxicabs.....	532 84	
Balance, March 13th, 1915.....	\$1,397,204 36	
SINKING FUND INTEREST.		
Credit.		
March 6th, 1915, Balance.....	\$1,459,057 39	
March 13th, 1915.....		
Ar. Croton Water Rents—Coll. Assts.....	\$8,962 18	
Int. Croton Water Rents—Coll. Assts.....	1,095 97	
Croton Rents and Penalties, Man.—Williams.....	\$203,068 17	
Croton Rents and Penalties, Bronx—Williams.....	51,395 22	
Tolls—Smith.....	254,463 39	
Privileges—Smith.....	20,031 99	
Rents—Goodacre.....	200 00	
Interest on Deposits.....	3,179 63	
	23 33	
	287,956 49	
	\$1,747,013 88	
Debit.		
Investment in 3 Per Cent. Notes of The City of New York Issued, Etc., of the Sale of Corporate Stock of The City of New York to Provide the Supply of Water.....	\$350,000 00	
Fines for Cruelty to Animals.....	996 00	
Fines for Cruelty to Animals.....	422 00	
Fines for Cruelty to Animals.....	50 00	
Fines for Cruelty to Children.....	702 00	
Fines for Cruelty to Animals.....	456 00	
Deposit in the City Treasury to the Credit of Croton Water Rent Refunding Account.....	952 58	
Payment of a Bill Rendered by the New York Railways Company, Etc., for Municipal Ferry Transfers, Etc., During October, 1914.....	1,730 51	
Payment of a Bill Rendered by the New York Railways Company, Etc., for Municipal Ferry Transfers, Etc., During November, 1914.....	1,520 31	

Payment of a Bill Rendered by the New York Railways Company, Etc., for Municipal Ferry Transfers, Etc., During December, 1914.....	1,536 08	
Payment of a Bill Rendered by the New York Railways Company, Etc., for Municipal Ferry Transfers, Etc., During January, 1915.....	1,506 76	
	359,872 24	
	\$1,387,141 64	
SINKING FUND OF THE CITY OF BROOKLYN.		
Credit.		
March 6th, 1915, Balance.....	\$57,743 71	
March 13th, 1915.....		
Prospect Park Impt., Inst.—Coll. Assts.....	\$523 56	
Prospect Park Impt., Full Paymt.—Coll. Assts.....	76 29	
Int. Prospect Park Impt., Inst.—Coll. Assts.....	28 60	
Interest on Deposits.....	65 63	
	694 08	
	\$58,437 79	
Debit.		
March 13th, 1915.....		
Deposit in the City Treasury to the Credit of Account Refunds Payable Special.....	\$1 85	
Deposit in the City Treasury to the Credit of Account Refunds Payable Special.....	5 24	
	7 09	
Balance, March 13th, 1915.....	\$58,430 70	
The City of New York, in Account with Henry Bruere, Chamberlain, During the Week Ending March 13, 1915.		
INTEREST REGISTERED.		
Credit.		
March 6th, 1915, Balance.....	\$191,733 39	
March 13th, 1915, Interest Registered.....	2,700 00	
	\$194,433 39	
Debit.		
March 13th, 1915, Interest Registered.....	92,278 96	
Balance, March 13th, 1915.....	\$102,154 43	
JURY FEES.		
March 6th, 1915, Credit Balance, New York Co.....	\$116,344 00	
March 13th, 1915, Debit, New York Co., 1915.....	12,898 00	
	\$103,446 00	
March 6th, 1915, Credit Balance, Bronx Co.....	\$5,332 00	
March 13th, 1915, Debit, Bronx Co., 1915.....	1,052 00	
	4,280 00	
March 6th, 1915, Credit Balance, Kings Co.....	\$10,792 00	
March 13th, 1915, Debit, Kings Co., 1914.....	\$10 00	
March 13th, 1915, Debit, Kings Co., 1915.....	3,554 00	
	3,564 00	
March 6th, 1915, Credit Balance, Queens Co.....	\$13,859 90	
March 13th, 1915, Debit, Queens Co., 1915.....	1,201 44	
	12,658 46	
March 6th, 1915, Credit Balance, Richmond Co.....	\$3,666 40	
March 13th, 1915, Debit, Richmond Co., 1915.....	20 00	
	3,646 40	
Balance, March 13th, 1915.....	\$131,258 86	
WITNESS FEES.		
March 6th, 1915, Credit Balance, New York Co.....	\$9,681 97	
March 13th, 1915, Debit, N. Y. Co., 1914.....	\$4 50	
March 13th, 1915, Debit, N. Y. Co., 1915.....	297 98	
	302 48	
March 6th, 1915, Credit Balance, Bronx Co.....	\$3,405 76	
March 13th, 1915, Debit, Bronx Co., 1915.....	46 30	
	3,359 46	
March 6th, 1915, Credit Balance, Kings Co.....	\$6,111 34	
March 13th, 1915, Debit, Kings Co., 1915.....	333 80	
	5,777 54	
March 6th, 1915, Credit Balance, Queens Co.....	\$554 38	
March 13th, 1915, Debit, Queens Co., 1915.....	38 48	
	515 90	
March 6th, 1915, Credit Balance, Richmond Co.....	\$657 60	
March 13th, 1915, Debit, Richmond Co., 1915.....	1 06	
	656 54	
Balance, March 13th, 1915.....	\$19,688 93	
UNCLAIMED INTEREST.		
Credit.		
March 6th, 1915, Balance.....	\$18,821 46	
March 13th, 1915, Unclaimed Interest.....	1,438 30	
	\$20,259 76	
REDEMPTION OF COUPON BONDS.		
Credit.		
March 6th, 1915, Balance.....	\$9,500 00	
March 13th, 1915, Redemption of Coupon Bonds.....	2,000 00	
	\$7,500 00	

## Department of Public Charities.

Report for Week Ended April 10, 1915:

Appointments—Hospital Helper at \$180: Ahrens, Charles. Morgue Keeper at \$720: Allen, Isaac W. Hospital Helpers at \$240: Allen, Kathleen; Barber, John; Barker, William; Bremer, Florence. At \$180: Brennan, John. Soc. Inves. at \$900: Brewster, Minnie D.; Bunzl, Carrie G. Hospital Helpers at \$180: Byrne, John. At \$300: Cartwright, George. At \$240: Chesnick, Charles. Trained Nurse at \$600: Connawarf, Annie. Hospital Helpers at \$180: Connors, Thomas J. At \$300: Conrad, Arthur C. At \$540: Conti, Attilio. At \$240: Councill, W. A. Trained Nurse at \$600: Cramer, Blanche. Hospital Helpers at \$300: Curley, Julia. At \$180: Cushing, Thomas; Davis, Thomas; Donovan, William; Dooley, Patrick. At \$480: DuBois, Henry A. At \$240: Dunn, James. At \$180: Early, Frank. At \$240: Ellis, A. J. At \$180: Englehardt, Harry. At \$360: Fannon, Michael. At \$360: Forbes, Charlotte G. At \$180: Fox, James. At \$300: Fox, Thomas J. At \$240: Fredricks, John; Friend, Harry L. At \$180: Goodwin, Joseph. Trained Nurse at \$600: Gordon, Frieda. Hospital Helpers at \$240: Goss, Joseph; Gottino, Frank. At \$480: Haring, Morris. At \$540: Haring, Morris. At \$240: Harris, Eugene H. At \$360: Hartung, Henry. Carpenter at \$5 per diem: Hemmes, George B. Trained Nurse at \$600: Herbert, Myra. Hospital Helpers at \$240: Hilliard, Arthur C. At \$540: Hockman, Ernst. At \$240: Horrigan, Patrick. At \$180: Jester, Robert W.; Kaplan, Morris. At \$240: Keating, Alfred. Trained Nurse at \$600: Kerr, Annie M. Hospital Helpers at \$240: Klein, John. At \$180: Lantery, James E. At \$360: Larsen, Lydia. At \$360: Lemberg, Otto. Clerk at \$540: Lichtig, Henry. Hospital Helpers at \$240: Louder, Mary. At \$360: Maier, August. At \$240: Marshall, Walter; Martin, William. At \$360: Mayford, George B. At \$240: Moeller, William; Moriarty, John I. At \$360: Mozingo, Dr. Arvine E. Fireman at \$3 per diem: Mulvey, John J. Hospital Helper at \$180: Murphy, Robert. Trained Nurse at \$600: McAlister, Kathleen. Soc. Inves. at \$900: McCarthy, May R. Hospital Helpers at \$240: McGiven, John; McGowan, Patrick; McMahon, Patrick. At \$480: McQuilken, Mary. At \$180: Neilan, John. Trained Nurse at \$600: O'Connor, Cecelia. Hospital Helpers at \$240: O'Connor, Timothy. At \$360: Osborn, Margaret. Trained Nurse at \$600: Pandjiris, Bessie W. Hospital Helpers at \$360: Paul, Voyle A. At \$240: Peabody, Mabel. At \$180: Pearson, John. At \$240: Pender, Nicolas; Phillips, Harry H. At \$720: Piren, Leon. At \$240: Poulsen, Dalmar. At \$180: Quinn, John; Reynolds, Rufus S. At \$240: Remington, Gene; Renn, William A.; Riley, James. At \$180: Roberts, Jennie. At \$360: Sampson, Sarah. At \$240: Sandell, Jennie. At \$180: Schorer, Henry. At \$240: Schreter, Louis; Segrue, Bessie. Supt. Trg. School at \$1,200 (Temp.): Short, Mabel T. Sup. Nurse at \$840: Short, Mabel T. Hospital Helpers at \$240: Smith, Samuel. At \$180: Spiro, Helen; Starr, Donald. At \$240: Swarthout, Harold A.; Szecepanik, Florian; Tremble, Lawrence. At \$540: Ulrich, Albert. At \$300: Vander, Bogart H. E. Exam. Physician at \$3 per diem: Villone, Nicholas M. Supt. Trg. School at \$1,200: Walker, Evelyn T. Hospital Helpers at \$180: Walters, Vera. At \$240: Weltin, Joseph.

Resignations—Hospital Helpers at \$240: Conlon, James F. At \$360: Cunningham, Anthony. Direc. Soc. Inves. at \$4,000: Devine, Dr. Edward T. Trained Nurse at \$600: Duryea, Anna M. Head Cook at \$780: Fassio, Luigi. Hospital Helper at \$240: Goodwin, James H. Exec. Interne at \$600: McCabe, Dr. Charles J. Hospital Helper at \$180: McCarthy, James. Dept. Supt. at \$1,000: Niklas, Max. Hospital Helpers at \$180: Brennan, John. At \$480: Haring, Morris. At \$180: Walters, Vera. Sup. Nurse at \$720: Short, Mabel T.

Dropped—Trained Nurse at \$600: Albecker, Lena M. Hospital Helpers at \$240: Allen, Kathleen. At \$360: Breen, Julia. At \$240: Bremer, Florence. At \$180: Broderick, John. At \$360: Chambers, Laura M. At \$240: Connolly, Patrick. At \$720: Cronin, John D. At \$180: Darcy, Vera; Day, William; Diamond, Frank. At \$240: Dunn, Elizabeth; Dunn, James. At \$180: Feely, Stephen. At \$240: Flynn, Mary. At \$360: Gibson, George P. Trained Nurse at \$600: Gill, Julia C. Hos-



pital Helpers at \$240: Greaney, Daniel; Henderson, Joseph. At \$300: Henrichsen, Albert T. At \$600: Henzel, Flora. Physician at \$4 per diem: Horn, Leon. Hospital Helpers at \$240: Huttler, Frank; Judge, Mary. Interne (resident) at \$540: Katz, Elihu. Hospital Helpers at \$360: Kehoe, Daniel; Larsen, Lydia. At \$180: Long, William. At \$240: Louder, Mary; Lundy, Anna; Madden, Gertrude; Mullins, Joseph F.; Murray, Martin. Lic. Fireman at \$3 per diem: McAdam, James. Hospital Helpers at \$300: McDonald, Deila. At \$240: McDonnell, Margaret; McEneaney, Clare; McQuade, William P. At \$360: Osborn, Margaret. At \$300: O'Shea, Bridget. At \$240: Remington, Gene. Physician at \$4 per diem: Roblee, Lawrence H. Hospital Helpers at \$180: Rosenheim, Seymour L.; Ruppert, John. At \$240: Ryan, John J.; Schlick, Gertrude; Shilhan, William; Shirks, Bessie. Supt. Trg. School at \$1,200: Short, Mabel T. Hospital Helper at \$360: Smith, Stella. Engineer at \$4.50 per diem: Steigerwald, John J. Hospital Helpers at \$480: Stewart, Violet I. At \$600: Sutherland, Agnes B. At \$240: Wendebaum, Ruth; Womack, Arthur; Zobinsky, Sam.

**Promotions**—Hospital Helpers: \$120 to \$240, Connelly, James; \$120 to \$360, Dobbins, Thomas. Soc. Inves.: \$900 to \$1,000, Irvine, Florence B.; \$1,000 to \$1,200, Kenmore, Genevieve B. Hospital Helpers: \$300 to \$360, Kenny, Peter J.; \$120 to \$180, Lee, Timothy; \$240 to \$360, Phillips, Harry H. Soc. Inves.: \$900 to \$1,000, Reamer, Matilda M.; \$1,000 to \$1,200, Rogers, Ella R. Hospital Helpers: \$120 to \$180, Savage, Nicholas; \$120 to \$240, Scott, Robert; \$240 to \$360, Wilson, Margaret.

**Decreased**—Hospital Helpers: \$480 to \$300, Mertz, Charles; \$360 to \$240, O'Keefe, Ellen.

**Contracts Awarded**—April 10: The Raymond-Hadley Corporation, 111 Broad Street, New York City, furnishing and delivering flour; surety, \$6,065; award, \$20,209. April 13: C. L. Dooley, Inc., 257 Adelphi St., Brooklyn, N. Y., for furnishing all the labor and materials for making and installing radiator shields in certain of the buildings on R. I.; surety, \$1,400; award, \$1,798. Benedetto, Clark & Nugent, Inc., 423 E. 115th St., N. Y. City, furnishing all the labor and materials required for the erection and completion of fireproof balconies and awnings for the reception hospital at R. I.; surety, \$6,000; award, \$5,575.

J. McKee Borden, Secretary.

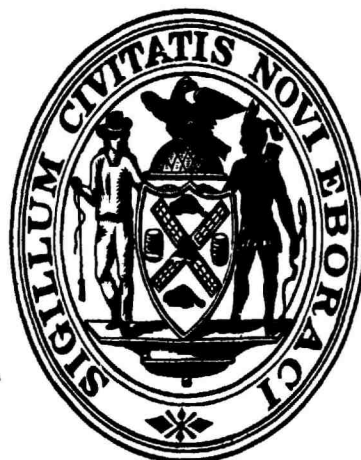
### Department of Bridges.

**Report for Week Ended April 10, 1915.**  
**Requisitions Drawn on the Comptroller**—Payrolls, \$15,359.15; open market orders, \$3,855.14; miscellaneous vouchers, \$90.94; \$19,305.23.

**Moneys Received**—Brooklyn Bridge, rent, \$539.84; privileges, \$250; \$789.84. Williamsburg Bridge, rent, \$203.67; Queensboro Bridge, privileges, \$666.68; Bridges, Harlem River and The Bronx, rent, \$175; auction sale held March 11, 1915, of old Unionport Bridge, balance due, \$300; \$475. Municipal Garage, Material, labor and storage, \$617.85; \$2,753.04.

**Contracts Awarded**—April 5: The contract for furnishing and delivering wood paving blocks to the Department of Bridges was this day awarded to United States Wood Preserving Co., 165 Broadway, Manhattan, their bid of \$9,448.30 being the lowest formal one received.

F. J. H. KRACKE, Commissioner.



### Changes in Departments, Etc.

**COURT OF SPECIAL SESSIONS.**  
**Died**—Hon. Howard J. Forker, Justice, April 25.

**SURROGATE, KINGS COUNTY.**  
**Appointed**—Margaret E. Quigley, 536 Herkimer St., Brooklyn, Telephone Operator, at \$90 per annum, April 26.

**DEPARTMENT OF EDUCATION.**  
**Died**—Thomas F. Murphy, Janitor, Public School 69, Brooklyn, April 17.

**BOARD OF WATER SUPPLY.**  
**Transferred**—Thomas O'Shea, 881 Tenth Avenue, Manhattan, Laborer, at \$65 a month, from Docks and Ferries, April 14.

**Services Ceased**—John Polypino, Laborer, April 14.

## OFFICIAL DIRECTORY.

Unless otherwise stated, the Public Offices of the City are open for business from 9 a. m. to 5 p. m., Saturday, 9 a. m. to 12 noon.

### CITY OFFICES.

**MAYOR'S OFFICE.**  
 City Hall, Telephone, 8020 Cortlandt.  
 John Purroy Mitchell, Mayor.  
 Theodore Rousseau, Secretary.  
 Bertram de N. Cruger, Executive Secretary.  
**Bureau of Weights and Measures.**  
 City Hall, Telephone, 4334 Cortlandt.  
 Joseph Hartigan, Commissioner.

**COMMISSIONERS OF ACCOUNTS.**  
 Municipal Building, Telephone, 4315 Worth.  
 Leonard M. Wallstein, Commissioner of Accounts.

**BOARD OF ALDERMEN.**  
 Clerk's Office, Municipal Building, 2nd floor, Telephone, 4430 Worth.  
 P. J. Scully, Clerk.  
**President of the Board of Aldermen.**  
 City Hall, Telephone, 6770 Cortlandt.  
 George McAneny, President.

**BOARD OF AMBULANCE SERVICE.**  
 300 Mulberry st. Ambulance Calls—3100 Spring. Administration Offices—7586 Spring.

**ARMORY BOARD.**  
 Hall of Records, Telephone, 3900 Worth.  
 C. D. Rhinehart, Secretary.

**ART COMMISSION.**  
 City Hall, Telephone, 1197 Cortlandt.  
 John Quincy Adams, Assistant Secretary.

**BOARD OF ASSESSORS.**  
 Municipal Building, 8th floor, Telephone, 29 Worth.

Alfred P. W. Seaman, Chairman.  
 St. George B. Tucker, Secretary.

**BELLEVUE AND ALLIED HOSPITALS.**  
 26th st. and 1st ave. Telephone, 4400 Madison square.

Dr. John W. Brannan, President.  
 J. K. Paulding, Secretary.

**DEPARTMENT OF BRIDGES.**  
 Municipal Building, 18th floor, Telephone, 380 Worth.

F. J. H. Kracke, Commissioner.

**BUREAU OF THE CHAMBERLAIN.**  
 Municipal Building, 8th floor, Telephone, 4270 Worth.

Henry Bruere, Chamberlain.

**CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.**  
 Municipal Building, 2nd floor, Telephone, 4430 Worth.

P. J. Scully, City Clerk.

**BOARD OF CITY RECORD.**  
 Supervisor's office, Municipal Building, 8th floor. Distributing Division, 96 Reade st. Telephone, 3490 Worth.

David Ferguson, Supervisor.

**DEPARTMENT OF CORRECTION.**  
 Municipal Building, 24th floor, Telephone, 1610 Worth.

Katharine B. Davis, Commissioner.

**DEPARTMENT OF DOCKS AND FERRIES.**  
 Pier "A," N. R. Telephone, 300 Rector.  
 R. A. C. Smith, Commissioner.

**DEPARTMENT OF EDUCATION.**  
 Board of Education.  
 Park ave. and 59th st. Telephone, 5580 Plaza.

Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in August, and the second and fourth Wednesdays in every month, except August.

Thomas W. Churchill, President.  
 A. Emerson Palmer, Secretary.

**BOARD OF ELECTIONS.**  
 General office and office of the Borough of Manhattan, Municipal Building, 18th floor, Telephone, 1307 Worth.

Edward F. Boyle, President.  
 Moses M. McKee, Secretary.

**Other Borough Offices.**  
 The Bronx.  
 368 E. 148th st. Telephone, 336 Melrose.

Brooklyn.  
 435-445 Fulton st. Telephone, 1932 Main.

Queens.  
 64 Jackson ave., Long Island City. Telephone, 1000 Tompkinsville.

Richmond.  
 Borough Hall, New Brighton, S. I. Telephone, 1000 Tompkinsville.

All offices open from 9 a. m. to 4 p. m. Saturday, to 12 m.

**BOARD OF ESTIMATE AND APPOINTMENT.**  
 Municipal Building, 13th floor, Telephone, 4560 Worth.

Joseph Haag, Secretary.

**Bureau of Records and Minutes.**  
 Municipal Building, 13th floor, Telephone, 4560 Worth. Joseph Haag, Secretary.

**Office of the Chief Engineer.**  
 Municipal Building, 13th floor, Telephone, 4560 Worth. Nelson P. Lewis, Chief Engineer.

**Bureau of Public Improvements.**  
 Municipal Building, 13th floor, Telephone, 4560 Worth. Nelson P. Lewis, Chief Engineer.

**Bureau of Franchises.**  
 Municipal Building, 13th floor, Telephone, 4563 Worth. Harry P. Nichols, Engineer.

**Bureau of Contract Supervision.**  
 Municipal Building, 13th floor, Telephone, 4560 Worth. Central Testing Laboratory, 125 Worth St. Telephone, 3088 Franklin. Tilden Adamson, Director.

**Bureau of Standards.**  
 Municipal Building, 13th floor, Telephone, 4560 Worth. George L. Tirrell, Director.

**Bureau of Sewer Plan.**  
 Municipal Building, 12th floor, Telephone, 4227 Worth. Kenneth Allen, Engineer.

**BOARD OF EXAMINERS.**  
 Municipal Building, 20th floor, 9 a. m. to 4 p. m. Saturday, to 12 m. Telephone, 3280 Worth.

Board meets every Tuesday at 2 p. m.  
 Edward V. Barton, Clerk.

**DEPARTMENT OF FINANCE.**  
 Municipal Building, 5th floor, Telephone, 1200 Worth. Shepard A. Morgan, Secretary to the Department, 5th floor.

William A. Prendergast, Comptroller.  
 Deputy Comptrollers, 7th floor. Alexander Brough, Edmund D. Fisher, Charles S. Hervey, Hubert L. Smith.

**Receiver of Taxes.**  
 Manhattan—Municipal Building, 2nd floor, Telephone, 1200 Worth.  
 Bronx—177th st. and Arthur ave. Telephone, 140 Tremont.  
 Brooklyn—236 Duffield st. Telephone, 7056 Main.

Queens—5 Court Square, Long Island City. Telephone, 3386 Hunter's Point.  
 Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville.  
 Frederick H. Epstein, Receiver of Taxes.

**Collector of Assessments and Arrears.**  
 Manhattan—Municipal Building, 3d floor, Telephone, 1200 Worth.  
 Bronx—177th St. and Arthur Ave. Telephone, 47 Tremont.  
 Brooklyn—503 Fulton st. Telephone, 8340 Main.

Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville.  
 Daniel Moynihan, Collector.

**FIRE DEPARTMENT.**  
 Municipal Building, 11th floor. Telephone, 4111 Worth.

Brooklyn, 365 Jay st. Telephone, 7600 Main.  
 Robert Adamson, Commissioner.

**DEPARTMENT OF HEALTH.**  
 Centre and Walker sta., Manhattan. Telephone, 6280 Franklin.

Burial Permit and Contagious Disease offices always open.

Brooklyn, 3731 Third ave. Brooklyn, Flatbush ave., Willowby and First sta. Queens, 372 Fulton st., Jamaica. Richmond, 514 Bay st., Stapleton.

S. S. Goldwater, Commissioner.  
 Eugene W. Scheffer, Secretary.

**BOARD OF INEBRIETY.**  
 300 Mulberry st. Telephone, 7116 Spring.  
 Board meets first Wednesday in each month at 3 o'clock.

Charles Samson, Secretary.

**LAW DEPARTMENT.**  
 Office of Corporation Counsel.  
 Main office, Municipal Building, 16th floor. Telephone, 4600 Worth.

Frank L. Polk, Corporation Counsel.  
 Brooklyn office, 153 Pierrepont st. Telephone, 2948 Main.

**Bureau of Street Openings.**  
 Main office, Municipal Building, 15th floor. Telephone, 1380 Worth.

Brooklyn office, 166 Montague st. Telephone, 5914 Main.

Queens office, Municipal Building, Long Island City. Telephone, 3886 Hunter's Point.

**Bureau for the Recovery of Penalties.**  
 Municipal Building, 15th floor. Telephone, 3460 Worth.

**Bureau for the Collection of Arrears of Personal Taxes.**  
 Municipal Building, 17th floor. Telephone, 4585 Worth.

**Tenement House Bureau and Bureau of Buildings.**  
 Municipal Building, 15th floor, Telephone, 1620 Worth.

**DEPARTMENT OF LICENSES.**  
 Main office, 49 Lafayette st. Telephone, 4490 Franklin.

George H. Bell, Commissioner.  
 Centre St. Office—57-59 Centre st. Telephone, 2030 Worth. Julian Rosenthal, Deputy Commissioner.

Brooklyn—381 Fulton Street. Telephone, 1497 Main.

Queens—Borough Hall, Long Island City. Telephone, 3400 Hunters Point.

Richmond, Borough Hall, New Brighton. Telephone, 1000 Tompkinsville.

Division of Licensed Vehicles—517-519 W. 57th st. Telephone, 6387 Columbus.

Public Employment Bureau—Men's departments, 128 Leonard st.; Women's departments, 53 Lafayette st. Telephone, 6100 Franklin.

**MUNICIPAL CIVIL SERVICE COMMISSION.**  
 Municipal Building, 14th floor. Telephone, 1580 Worth.

Henry Moskowitz, President.  
 Robert W. Reicher, Secretary.

**MUNICIPAL REFERENCE LIBRARY.**  
 Municipal Building, 5th floor. Telephone, 1072 Worth. 9 a. m. to 5 p. m.; Saturday, to 1 p. m.

**DEPARTMENT OF PARKS.**  
 Municipal Building, 10th floor. Telephone, 4850 Worth.

Cabot Ward, Commissioner, Manhattan and Richmond.

**Borough of Brooklyn.**  
 Litchfield Mansion, Prospect Park, Brooklyn. Telephone, 2300 South.

Raymond V. Ingersoll, Commissioner.

**Borough of The Bronx.**  
 Zbrowski Mansion, Claremont Park. Telephone, 2640 Tremont.

Thomas W. Whittle, Commissioner.

**Borough of Queens.**  
 The Overlook, Forest Park, Richmond Hill, L. I. Telephone, 2300 Richmond Hill.

John E. Weier, Commissioner.

**PARK BOARD.**  
 Municipal Building, 10th floor. Telephone, 4850 Worth. Cabot Ward, President. Louis W. Fehr, Secretary.

**BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANORS.**  
 Municipal Building, 24th floor. Telephone, 1610 Worth.

Thomas R. Minnick, Secretary.

**EXAMINING BOARD OF PLUMBERS.**  
 Municipal Building, 8th floor. Telephone, 1800 Worth.

J. A. Glendinning, Clerk.

**POLICE DEPARTMENT.**  
 240 Centre st. Telephone, 3100 Spring.

Arthur Woods, Commissioner.

**DEPARTMENT OF PUBLIC CHARITIES.**  
 Principal office, Municipal Building, 10th floor. Telephone, 4440 Worth.

Brooklyn and Queens, 327 Schermerhorn st., Brooklyn. Telephone, 2977 Main.

Bureau of Dependent Adults, Pier, foot of East 26th st., Telephone, 7400 Madison Square.

The Children's Bureau, 124 East 59th st. Telephone, 7400 Madison Square.

Borough of Richmond, Borough Hall, St. George, L. I. Telephone, 100 Tompkinsville.

John A. Kingsbury, Commissioner.

**PUBLIC RECREATION COMMISSION.**  
 Municipal Building, 5th floor. Telephone, 1471 Worth.

Meeting every second Tuesday at 2.30 p. m.  
 Cyril H. Jones, Acting Secretary.

**PUBLIC SERVICE COMMISSION.**  
 154 Nassau st., Manhattan. 8 a. m. to 11 p. m. every day, including holidays and Sundays. Telephone, 4150 Beekman.

Edward E. McCall, Chairman.  
 Travis H. Whitney, Secretary.

**BOARD OF REVISION OF ASSESSMENTS.**  
 Municipal Building, 7th floor. Telephone, 1200 Worth.

John Korb, Jr., Chief Clerk.

**COMMISSIONERS OF SINKING FUND.**  
 Office of Secretary, Municipal Building, 7th floor. Telephone, 1200 Worth.

John Korb, Jr., Secretary.

**DEPARTMENT OF TAXES AND ASSESSMENTS.**  
 Municipal Building, 9th floor. Telephone, 1800 Worth.

Lawson Purdy, President.  
 C. Rockland Tring, Secretary.

**DEPARTMENT OF STREET CLEANING.**  
 Municipal Building, 12th floor. Telephone, 4240 Worth.

John T. Fetherston, Commissioner.

**TENEMENT HOUSE DEPARTMENT.**  
 Manhattan and Richmond office, Municipal Building, 19th floor. Telephone, 1526 Worth.

Brooklyn and Queens office, 503 Fulton st., Brooklyn. Telephone, 3825 Main.

Bronx office, 391 East 149th st. Telephone, 107 Melrose.

John J. Murphy, Commissioner.

**BOARD OF WATER SUPPLY.**  
 Municipal Building, 22d floor. Telephone, 3150 Worth.

Charles Strauss, President.  
 W. Bruce Cobb, Secretary.

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.**  
 Municipal Building, 23d, 24th and 25th floors. Telephone: Manhattan, 4320 Worth; Brooklyn, 3980 Main; Queens, 3441 Hunters Point;

Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.

Brooklyn, Municipal Building, Brooklyn. Bronx, Tremont and Arthur ave. Queens, Municipal Building, Long Island City. Richmond, Municipal Building, St. George. William Williams, Commissioner.

### BOROUGH OFFICES.

**BOROUGH OF THE BRONX.**  
 President's office, 3d ave. and 177th st. Telephone, 2680 Tremont.

Douglas Mathewson, President.

**BOROUGH OF BROOKLYN.**  
 President's office, Borough Hall. Telephone, 3960 Main.

Lewis H. Pounds, President.

**BOROUGH OF MANHATTAN.**  
 President's office, 20th floor, Municipal Bldg. Commissioner of Public Works, 21st floor, Municipal Building.

Assistant Commissioner of Public Works, 21st floor, Municipal Building.

Bureau of Highways, 21st floor, Municipal Building.

Bureau of Public Buildings and Offices, 20th floor, Municipal Building.

Bureau of Sewers, 21st floor, Municipal Bldg.

Bureau of Buildings, 20th floor, Municipal Building. Telephone, 4227 Worth.

Marcus M. Marks, President.

**BOROUGH OF QUEENS.**  
 President's office, Borough Hall, Long Island City. Telephone, 5400 Hunters Point.

Bureau of Public Buildings and Offices, Town Hall, Flushing, L. I. Telephone, 1740 Flushing.

Maurice E. Connolly, President.

**BOROUGH OF RICHMOND.**  
 President's office, New Brighton, Staten Island. Telephone, 1000 Tompkinsville.

Charles J. McCormack, President.

**CORONERS.**  
 Manhattan, Municipal Building—Second Floor. Open at all hours of the day and night. Telephone, Worth 3711.

Bronx, Arthur and Tremont ave. Telephone, 1250 Tremont. 8 a. m. to midnight, every day.

Brooklyn, 236 Duffield st. Telephone, 4004 Main. Open at all hours of the day and night.

Queens, Town Hall, Jamaica, L. I., 9 a. m. to 10 p. m.; Sundays and holidays, 9 a. m. to 12 m.

Richmond, 175 Second st., New Brighton. Open at all hours of the day and night.

### COUNTY OFFICES.

Unless otherwise stated, the County offices are open for business from 9 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 noon.

### NEW YORK COUNTY.

**COUNTY CLERK.**  
 County Court House. Telephone, 5388 Cortlandt.

William F. Schneider, County Clerk. 9 a. m. to 2 p. m. during July and August.

**DISTRICT ATTORNEY.**  
 Criminal Courts Building, 9 a. m. to 5.15 p. m.; Saturday, to 12 m. Telephone, 2304 Franklin.

Charles Albert Perkins, District Attorney.

**COMMISSIONER OF JURORS.**  
 280 Broadway. Telephone, 241 Worth.

Thomas Allison, Commissioner.

**PUBLIC ADMINISTRATOR.**  
 119 Nassau st. Telephone, 6376 Cortlandt.

William M. Hoes, Public Administrator.

**COMMISSIONER OF RECORDS.**  
 Hall of Records, Telephone, 3900 Worth.

John F. Cowan, Commissioner.

**REGISTER.**  
 Hall of Records, Telephone, 3900 Worth. 9 a. m. to 2 p. m. during July and August.

John J. Hopper, Register.

**SHERIFF.**  
 51 Chambers st. Telephone, 4300 Worth.

New York County Jail, 70 Lud



## QUEENS COUNTY.

**COUNTY CLERK.**  
364 Fulton st., Jamaica. Telephone, 151 Jamaica.  
Leonard Ruoff, County Clerk.

**COUNTY COURT.**  
County Court House, Long Island City. Telephone, 596 Hunters Point.  
Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September, and on Friday of each week.  
Clerk's office opens 9 a. m. to 5 p. m.; Saturdays to 12.30 p. m. Telephone, 551 Jamaica.  
Burt Jay Humphrey, County Judge.

**DISTRICT ATTORNEY.**  
County Court House, Long Island City, 9 a. m. to 5 p. m.; Saturday, to 12 m.  
County Judge's office always open at 336 Fulton st., Jamaica. Telephone, 3871 Hunters Point.  
Denis O'Leary, District Attorney.

**COMMISSIONER OF JUDICIAL.**  
County Court House, Long Island City. Telephone, 9651 Hunters Point.  
Thorndyke C. McKenney, Commissioner.

**PUBLIC ADMINISTRATOR.**  
302 Fulton st., Jamaica. Telephone, 223 Jamaica.  
Randolph White, Public Administrator.

**SHERIFF.**  
County Court House, Long Island City. Telephone, 3766 Hunters Point.  
George Emmer, Sheriff.

**SURROGATE.**  
364 Fulton st., Jamaica. Telephone, 397 Jamaica.  
Daniel Noble, Surrogate.

## RICHMOND COUNTY.

**COUNTY CLERK.**  
County Office Building, Richmond. Telephone, 28 New Dorp.  
C. Livingston Bostwick, County Clerk.

**COUNTY JUDGE AND SURROGATE.**  
Trial Terms, with Grand and Trial Jury, second Monday of March, first Monday of October.  
Trial Terms, with Trial Jury only, first Monday of May, first Monday of December.  
Special Terms, without jury—Wednesday of each week, except the last week of July, the month of August and the first week of September.  
Surrogate's Court.  
Monday and Tuesday of each week at the Borough Hall, St. George, and on Wednesday at the Surrogate's Court, at Richmond, except during the session of the County Court. There will be no Surrogate's Court during the month of August.  
Surrogate's Court and Office, Richmond, S. I. Surrogate's Chambers, Borough Hall, St. George.  
J. Harry Tiersan, County Judge and Surrogate.

**DISTRICT ATTORNEY.**  
Borough Hall, St. George. Telephone, 50 Tompkinsville, 9 a. m. to 5 p. m.; Saturday, to 12 m.  
Albert C. Fach, District Attorney.

**COMMISSIONER OF JUDICIAL.**  
Village Hall, Stapleton. Telephone, 81 Tompkinsville.  
Edward I. Miller, Commissioner.

**PUBLIC ADMINISTRATOR.**  
Port Richmond. Telephone, 704 West Brighton.  
William T. Holt, Public Administrator.

**SHERIFF.**  
County Court House, Richmond. Telephone, 120 New Dorp.  
Joseph F. O'Grady, Sheriff.

## THE COURTS.

**CITY COURT OF THE CITY OF NEW YORK.**  
City Hall Park. Special Term Chambers held from 10 a. m. to 4 p. m. Clerk's office open from 9 a. m. to 4 p. m. Telephone, 122 Cortlandt.  
Thomas F. Smith, Clerk.

**CITY MAGISTRATES' COURT.**  
First Division.  
William McAdoo, Chief City Magistrate, 300 Mulberry st. Telephone 6213 Spring.  
Second District—Criminal Court Building.  
Second District—125 Sixth ave.  
Third District—24 ave. and 1st st.  
Fourth District—151 E. 57th st.  
Fifth District—121st st. and Sylvan place.  
Sixth District—162d st. and Washington ave.  
Seventh District—314 W. 54th st.  
Eighth District—1014 E. 181st st., The Bronx.  
Ninth District (Night Court for Females)—125 6th ave.  
Tenth District (Night Court for Males)—151 E. 57th st.  
Eleventh District (Domestic Relations)—151 E. 57th st.  
Thirteenth District (Domestic Relations)—1014 E. 181st st., The Bronx.  
Office of the Chief Probation Officer, 300 Mulberry st. Telephone, 8713 Spring.

**Second Division.**  
Borough of Brooklyn.  
Office of Chief Magistrate, 44 Court st. Telephone, 7411 Main.  
First District—318 Adams st.  
Second District—Court and Butler sta.  
Fifth District—249 Manhattan ave.  
Sixth District—495 Gates ave.  
Seventh District—31 Snider ave., Flatbush.  
Eighth District—W. 8th st., Coney Island.  
Ninth District—5th ave. and 29th st.  
Tenth District—133 New Jersey ave.  
Domestic Relations—Myrtle and Vanderbilt aves.  
William F. Delaney, Chief Clerk.

**Borough of Queens.**  
First District—St. Mary's Lyceum, L. I. City.  
Second District—Town Hall, Flushing, L. I.  
Third District—Central ave., Far Rockaway.  
Fourth District—Town Hall, Jamaica, L. I.

**Borough of Richmond.**  
First District—Lafayette ave., New Brighton.  
Second District—Village Hall, Stapleton.  
All courts open daily from 9 a. m. to 4 p. m. except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

**COURT OF GENERAL SESSIONS.**  
Criminal Court Building. Court opens at 10.30 a. m. Clerk's office open from 9 a. m. to 4 p. m., and on Saturdays until 12 m.  
Edward R. Carroll, Clerk.

**MUNICIPAL COURTS.**  
The Clerks' offices are open from 9 a. m. to 4 p. m.; Saturday, to 12 noon.

**Borough of Manhattan.**  
First District—54-60 Lafayette st. Additional Part is held at southwest corner of 6th ave. and 10th st. Telephone, 6030 Franklin.  
Second District—264-266 Madison st. Telephone, 4300 Orchard.  
Third District—314 W. 54th st. Telephone, 5450 Columbus.  
Fourth District—Parts I and II, 207 E. 32d st. Telephone, 4358 Murray Hill.  
Fifth District—Broadway and 96th st. Telephone, 4006 Riverside.  
Sixth District—155 E. 88th st.  
Seventh District—70 Manhattan st.  
Eighth District—121st st. and Sylvan place. Telephone, 3950 Harlem.  
Ninth District—Madison ave. and 59th st. Parts I and II. Telephone, 3873 Plaza.

**Borough of The Bronx.**  
First District—Town Hall, 1400 Williamsbridge road, Westchester. Trial of causes, Tuesday and Friday of each week. Telephone, 457 Westchester.

Second District—Washington ave. and 162d st. Telephone, 3043 Melrose.

**Borough of Brooklyn.**  
First District—State and Court sta. Parts I and II. Telephone, 7091 Main.  
Second District—495 Gates ave. Telephone, 504 Bedford.  
Third District—6 Lee ave. Telephone, 955 Williamsburg.  
Fourth District—14 Howard ave.  
Fifth District—5220 Third ave. Telephone, 3907 Sunset.  
Sixth District—236 Duffield st. Telephone, 6166 Main.  
Seventh District—31 Pennsylvania ave. 8.45 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 m. Telephone, 904 East New York.

**Borough of Queens.**  
First District—115 5th st., Long Island City. Telephone, 1420 Hunters Point.  
Second District—Broadway and Court st., Elmhurst. Telephone, 87 Newtown.  
Third District—1908 Myrtle ave., Glendale. Telephone, 2352 Bushwick.  
Fourth District—Town Hall, Jamaica. Telephone, 1654 Jamaica.

**Borough of Richmond.**  
First District—Lafayette ave. and 2d st., New Brighton. Clerk's office open from 8.45 a. m. to 4 p. m. Telephone, 503 Tompkinsville.  
Second District—Former Edgewater Village Hall, Stapleton. Clerk's office open from 8.45 a. m. to 4 p. m. Telephone, 313 Tompkinsville.

**COURT OF SPECIAL SESSIONS.**  
Court opens at 10 a. m.  
Part I, Criminal Court Building, Manhattan. Telephone, 3983 Franklin.  
Part II, 171 Atlantic ave., Brooklyn. Telephone, Main 4280.  
Part III, Town Hall, Jamaica. Held on Tuesday of each week. Telephone, 2620 Jamaica.  
Part IV, Borough Hall, St. George. Held on Wednesday of each week. Telephone, 324 Tompkinsville.  
Part V, 161st st. and 3d ave., Bronx. Held on Thursday of each week. Telephone, 9088 Melrose.  
Frank W. Smith, Chief Clerk.

**Children's Court.**  
New York County—66 3d ave. Telephone, 1832 Stuyvesant.  
Dennis A. Lambert, Clerk.  
Bronx County—355 E. 137th st. Court held on Wednesday and Friday of each week. Telephone, 9092 Melrose.  
Michael Murray, Clerk.  
Kings County—102 Court st. Telephone, 627 Main.  
Joseph W. Duffy, Clerk.  
Queens County—19 Flushing ave., Jamaica. Court held on Monday and Thursday of each week. Telephone, 2624 Jamaica.  
Sydney Ollendorf, Clerk.  
Richmond County—Corn Exchange Bank Building, St. George. Court held on Tuesday of each week. Telephone, 324 Tompkinsville.  
William J. Brown, Clerk.

**SUPREME COURT—APPELLATE DIVISION.**  
First Judicial Department.  
Madison ave. corner 25th st. Court open from 2 p. m. until 6 p. m. Friday, Motion Day. Court opens at 10.30 a. m. Motions called at 10 a. m. Orders called at 10.30 a. m. Telephone, 3840 Madison Square.  
Alfred Wagstaff, Clerk.

**Second Judicial Department.**  
Borough Hall, Brooklyn. Court meets from 2 p. m. to 5 p. m., excepting that on Fridays Court opens at 10 o'clock a. m. Clerk's office open 9 a. m. Telephone, 1392 Main.  
John B. Byrne, Clerk.

**SUPREME COURT—APPELLATE TERM.**  
503 Fulton st., Brooklyn. Court meets 10 a. m. Clerk's office opens 9 a. m. Telephone, 7452 Main.  
Joseph H. DeBraga, Clerk.

**SUPREME COURT—CRIMINAL DIVISION.**  
Criminal Court Building. Court opens at 10.30 a. m. Clerk's office open from 9 a. m. to 4 p. m.; Saturday, to 12 m. Telephone, 6064 Franklin.  
William Schneider, Clerk.

**SUPREME COURT—FIRST DEPARTMENT.**  
County Court House. Court open from 10.15 a. m. to 4 p. m. Telephone, 4580 Cortlandt.

**SUPREME COURT—SECOND DEPARTMENT.**  
Kings County.  
Joralemon and Fulton sts., Brooklyn. Clerk's office hours, 9 a. m. to 5 p. m. Seven jury trial parts. Special Term for trials. Special Term for motions. Special Term (ex-parte business). Court opens at 10 a. m. Naturalization Bureau, Hall of Records, Brooklyn. Telephone, 5460 Main.  
James F. McGee, General Clerk.

**Queens County.**  
County Court House, L. I. City. Court opens at 10 a. m. Trial and Special Term for motions and ex-parte business each month except July, August and September, in Part I. Trial Term, Part II, January, February, March, April, May and December. Special Term for trials, January, April, June and November. Naturalization, first Friday in each Term.  
Clerk's office open 9 a. m. to 5 p. m.; Saturday, to 12.30 p. m. Telephone, 3896 Hunters Point.  
Thomas B. Seaman, Special Deputy Clerk in charge.

**Richmond County.**  
Trial Term held at County Court House, Richmond. Special Term for trials held at Court room, Borough Hall, St. George. Special Term for motions held at Court House, Borough Hall, St. George.  
C. Livingston Bostwick, Clerk.

## MUNICIPAL CIVIL SERVICE COMMISSION.

## Proposed Amendment to Rules.

PUBLIC NOTICE IS HEREBY GIVEN OF the proposed amendment of Rule XII, by changing clause 6 to read "6(a)" and by adding thereto clause 6(b), as follows:

"6(b). The Commission may also, by resolution, except from competitive examination a person nominated for appointment to do a special piece of work of a technical, scientific, professional or expert character, which has been authorized by law, ordinance or resolution adopted by the duly constituted authorities of the city and is to be completed within a fixed period of time, and where the amount of compensation shall not exceed \$750, and where it shall appear that the nominee possesses unusual or peculiar qualifications for the service, and that for reasons specified in the minutes competition in such case is not practicable. Successive appointments shall not be permitted under this provision except that Commission may, by resolution, to meet a public emergency, for reasons specified in its minutes and in its annual report, allow one extension for a further fixed period, subject to the approval of the Mayor and the State Civil Service Commission in cases where the compensation is extended to an amount in excess of \$750. In similar cases where the original compensation exceeds \$750 the Commission may take similar action, subject to the approval of the Mayor and the State Civil Service Commission. The head of a department asking for an extension of time shall give the Commission at least thirty days' notice before the expiration of the original appointment. No exception of the same person for like service shall be made under this subdivision or under subdivision 6a of this rule if an exception has already been made under the

other provision; provided that the Commission may suspend the latter limitation only in cases existing at the time of the adoption hereof.

A PUBLIC HEARING WILL BE ALLOWED on the proposed amendment in accordance with Rule III, at the request of any interested person, at the Commission's offices in the Municipal Building, Room 1443, on

SATURDAY, MAY 1, 1915,

at 11 A. M. ROBERT W. BELCHER, Secretary.

## Proposals.

SEALED BIDS WILL BE RECEIVED AT the office of the Municipal Civil Service Commission in Room 1440, 14th floor, Municipal Building, Borough of Manhattan, until 5 o'clock p. m., on

TUESDAY, MAY 4, 1915.

FOR FURNISHING AND LAYING ABOUT 1,975 SQUARE YARDS OF LINOLEUM UPON THE FLOORS OF CERTAIN ROOMS IN USE BY THE MUNICIPAL CIVIL SERVICE COMMISSION IN THE MUNICIPAL BUILDING, BOROUGH OF MANHATTAN.

The time allowed for the performance of the contract is forty (40) calendar days, beginning with the date upon which the work thereunder is ordered to be started.

The amount of security required is seven hundred dollars (\$700).  
The amount of the deposit required with the bid is fifty dollars (\$50).

Bidders must state in their bids, in writing, and in figures, a price per square yard for linoleum, furnished and laid as required by the specifications, which price shall cover the cost of furnishing all the materials and labor, and of performing all the work required to be done; also the cost of all waste due to trimming and fitting linoleum, also the cost of moving and replacing office furniture and equipment, and also all other costs involved in or incidental to the complete fulfillment of the contract.

Samples of the linoleum, 12 inches by 24 inches, and of the cements intended to be used, shall be furnished and delivered by the bidders at the office of the Chief Clerk, Room 1440, Municipal Building, Manhattan, prior to the time of the opening of the bids, and if such samples be not so furnished, or if they do not conform to the quality and character required by the specifications, the bid will be rejected.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Municipal Civil Service Commission, Room 1440, Municipal Building, Borough of Manhattan.  
a22,m4 HENRY MOSKOWITZ, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

## Notices of Examinations.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

THURSDAY, APRIL 29, 1915, TO THURSDAY, MAY 13, 1915,

for the position of

INVESTIGATOR, COMMITTEE ON CITY PLAN.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 P. M. THURSDAY, MAY 13, 1915, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which full postage is not prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York. The subjects and weights of the examination are: Experience, 4; 70% required; Duties, 6; 70% required.

Candidates receiving less than 70% in Experience will not be summoned for the Duties test. A qualifying physical examination will be given previous to the Duties test.

The duties test will consist of two parts of equal weight. Candidates failing to receive 50% of the first part will not be rated on the second part.

Applications for this examination are to be filed on a special blank, Form C, with insert. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications.

**DUTIES.**  
To conduct investigations into and to prepare reports upon economic and fiscal phases of city planning problems, particularly those connected with the regulation of the height, character and use of buildings, and the districting of the city for the purpose of such regulation.

Candidates must present evidence of experience in the investigation of problems of the character described and in the preparation of a report of such investigation; or in such other work of investigation and report as would tend to qualify them for the duties of this position.

Candidates should be thoroughly familiar with current discussion and practice in city planning, both constructive and regulatory, and should have an intimate knowledge of the economic and legal conditions governing such planning in this city. Minimum age, 21 years. There is one vacancy at \$3,000 per annum in the Committee on The City Plan of the Board of Estimate and Apportionment.  
a29,m13 ROBERT W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

TUESDAY, APRIL 27, 1915, TO TUESDAY, MAY 11, 1915,

for the position of

OVERSEER, NEW YORK CITY REFORMATORY.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 P. M. TUESDAY, MAY 11TH, 1915, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which full postage is not prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York. The subjects and weights of this examination are: Experience, 4; 70% required; Duties, 4; 70% required; Oral, 2; 70% required. General average of 70% required.

A physical qualifying examination will be given. Candidates failing to qualify in any part of the examination will not be summoned for the ensuing tests.

Applications for this examination are to be filed on a special blank, Form C. Experience blanks, with inserts, will be issued with the applications and must be filed with the Commission at the time of filing applications.

**Requirements:** Candidates must present evidence of three years' experience in teaching boys in public or private schools, or three years' experience in an executive or administrative capacity involving the handling of a large number of men or boys, or three years' experience in penological work.

Candidates should have a thorough knowledge of the principles of educational and institutional administration applicable to a reformatory for young, male misdemeanants in the City of New York.

There is one vacancy at \$2,500 per annum, with maintenance, at the New York City Reformatory on Hart's Island.

The minimum age is 25 years, and the maximum age is 45 years.

The dates of the physical, mental and oral examinations will be announced later.  
a27,m11 ROBERT W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

FRIDAY, APRIL 16, 1915, TO FRIDAY, APRIL 30, 1915,

for the position of

PHYSICIAN (SURGEON, NOSE AND THROAT).

No applications delivered at the office of the Commission, by mail or otherwise, after 4 P. M. FRIDAY, APRIL 30, 1915, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which full postage is not prepaid will not be accepted.

Applicants must be citizens of the United States, residents of the State of New York and legally qualified to practice medicine in the State of New York.

The subjects and weights of the examination are: Technical, 5; 75% required; Experience, 5; 70% required.

A physical qualifying examination will be given.

Candidates failing to receive 70% on Experience will not be summoned for the Physical test; candidates failing to qualify in the physical examination will not be summoned for the technical examination.

Applications for this examination must be filed on a special blank, Form C, with insert. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications.

Candidates should have thorough experience in operations on Tonsils and Adenoid tissue. Minimum age, 25 years. Two vacancies at \$1,560 in the Health Department.  
a16,30 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

THURSDAY, APRIL 15, 1915, TO THURSDAY, APRIL 29, 1915,

for the position of

PHYSICIAN (CLINIC).

No applications delivered at the office of the Commission, by mail or otherwise, after 4 P. M. THURSDAY, APRIL 29, 1915, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which full postage is not prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York. The subjects and weights of the examination are: Experience, 5; 70% required; Technical, 5; 75% required.

A physical qualifying examination will be given.

Applications for this examination must be filed on a special blank, Form C, with insert. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications.

Candidates receiving less than 70% on Experience will not be summoned for the physical test; candidates failing to qualify in the physical test will not be summoned for the technical examination.

Candidates for this examination must be licensed to practice medicine in the State of New York.

**Duties:** The duties are the supervision of the various clinics (Tubercular, Venereal and Antirabic) of the Department of Health. Hours of service: three hours daily, six days a week.

**Requirements:** Candidates will be required to present evidence of one year's experience as interne in a hospital or sanatorium, or at least two years' experience in outpatient work.

Compensation, \$1,200 to \$1,500 per annum. Minimum age, 25 years. One vacancy in the Health Department at \$1,200 per annum.  
a15,29 R. W. BELCHER, Secretary.

## DEPARTMENT OF DOCKS AND FERRIES.

## Stand Privilege.

BRYAN L. KENNELLY, AUCTIONEER, will sell on behalf of the Department of Docks and Ferries, at public auction to the highest bidder on

FRIDAY, APRIL 30, 1915, at 3.00 o'clock in the afternoon, at Pier "A" foot of Battery Place, North River, the herein detailed privilege for a term of three years beginning at noon on May 1, 1915:

1. The privilege of maintaining and operating a stand on the Battery Landing for the vending, selling and furnishing of newspapers, books, periodicals, confectionery, ice cream, soda water, bottled mineral waters, cigars, tobacco, fruits, sandwiches, coffee, milk, pies, flowers and any other articles which may at any time be included at the discretion of the Commissioner of Docks. This concession will also include the privilege of checking small packages and hand baggage for safe keeping, under such restrictions as the Commissioner of Docks shall direct.

## GENERAL TERMS AND CONDITIONS.

1. All bidding shall be upon the basis of an aggregate per annum fee or compensation to the City of New York for the privilege stated, which shall be payable quarterly in advance and in equal sums on the first day of May, August, November and February, respectively, to the Cashier of the Department of Docks and Ferries.  
2. The successful bidder will be required to pay at the time of the sale the Auctioneer's fee of \$25.  
3. The Commissioner of Docks reserves the right to reject any or all bids if in his judgment he deems it to be to the best interests of the City of New York so to do. No person will be accepted as a successful bidder who is delinquent on any form of contract with the Department of Docks and Ferries or with the City of New York. No bid will be received from any person who is in arrears to the Department of Docks and Ferries or to the City of New York upon debt or contract or who is a defaulter as surety or otherwise upon any obligation to the Department of Docks and Ferries or to the City of New York.

4. In the event of the award of the privilege, the successful bidder will be required to enter into a written agreement with the Commissioner of Docks at the time of the sale. This agreement may be seen and examined at the office of the Secretary of the Department of Docks and Ferries.

5. The successful bidder must pay to the Department of Docks and Ferries at the time of



the sale 25% of the amount of the annual fee or compensation bid for the privilege as security for carrying into effect the terms of the sale, which 25% will be applied to the payment of the quarterly installment of such fee or compensation first accruing under the agreement, when executed, or will be forfeited to the City as liquidated damages if the successful bidder neglects or refuses to execute the agreement with good and sufficient bond or obligation of a surety company, authorized by law to act as surety, in the sum of the annual fee or compensation bid for the privilege.

6. The Commissioner of Docks reserves the right to resell the privilege where the successful bidder fails, refuses or neglects to comply with the terms and conditions herein contained, the bidder so failing, refusing or neglecting to comply with the terms and conditions of the sale to be liable to the City of New York for any deficiency resulting from or occasioned by such resale.

7. In the event of a sale of the privilege, the successful bidder will be permitted to erect a portable stand on the wharf not to exceed 35 feet in length and 10 feet in width, the exact size, design and location of the stand to be subject to approval by the Commissioner of Docks, the stand to remain the property of the successful bidder. The stand may be of wooden construction up to and including the counter level, but any inclosure above the counter level, excepting the roof, must be a glass inclosure. The successful bidder is to allot space for a public telephone within the stand area, all commissions from this public telephone to belong to the City of New York. All light and water is to be paid for by the successful bidder.

R. A. C. SMITH, Commissioner of Docks.  
Dated New York, April 28, 1915. a29,30

#### Float Privileges.

SEALED BIDS WILL BE RECEIVED BY THE Commissioner of Docks at his office at Pier "A," foot of Battery Place, North River, Borough of Manhattan, until 12 o'clock noon on

FRIDAY, APRIL 30, 1915.

FOR THE PRIVILEGE OF MAINTAINING FLOATS ON THE NORTH RIVER IN THE VICINITY OF WEST 79TH STREET, NORTH RIVER; WEST 95TH STREET, NORTH RIVER; WEST 129TH STREET, NORTH RIVER; WEST 135TH STREET, NORTH RIVER; AND WEST 158TH STREET, NORTH RIVER, FOR THE LANDING OF SMALL BOATS DURING THE PERIOD OF THE REVIEW OF WAR VESSELS ANCHORED IN THE NORTH RIVER.

Full particulars as to terms and conditions upon which bids will be received may be had at the office of the Department of Docks and Ferries at Pier "A."

R. A. C. SMITH, Commissioner of Docks.  
Dated, New York, April 23, 1915. a24,30

#### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at his office, Pier "A," foot of Battery Place, North River, Borough of Manhattan, until 12 o'clock noon on

THURSDAY, MAY 6, 1915.

CONTRACT NO. 1450.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING GENERAL SUPPLIES.

The time for the completion of the work and the full performance of the contract is on or before the expiration of sixty (60) calendar days. The amount of security required shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The security deposit to accompany bid shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid. Awards, if made, will be made in each item to the bidder whose price is the lowest in the 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 at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.  
Dated, April 23, 1915. a24,m6

See General Instructions to Bidders on last page, last column, of the "City Record."

#### BOROUGH OF THE BRONX.

#### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at his above office, Municipal Building, Crotona Park, 177th St. and 3rd Ave., until 10.30 a. m., on

TUESDAY, MAY 11, 1915.

FOR FURNISHING AND DELIVERING WHITE ASH ANTHRACITE AND CUMBERLAND COAL.

The time allowed for the performance of the contract is on or before March 31, 1916.

The amount of security required will be 30% of the total amount for which the contract is awarded.

Blank forms of bids or estimates upon which bids must be made can be obtained upon application therefor, the specifications may be seen and other information obtained at said office.

a29,m11 DOUGLAS MATHEWSON, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at his office, Municipal Building, Crotona Park, 177th St. and 3rd Ave., until 10.30 a. m., on

THURSDAY, MAY 6, 1915.

NO. 1. CONSTRUCTING SEWER AND APPURTENANCES IN PLIMPTON AVENUE, BETWEEN BOSCOBEL AVENUE AND FEATHERBED LANE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

382 Linear feet of Vitrified Pipe Sewer, 15-inch.

1,020 Linear feet of Vitrified Pipe Sewer, 12-inch.

70 Linear feet of Basin Connections.

100 Linear feet of Vitrified Pipe Drains, 12-inch to 24-inch.

200 Spurs for House Connections.

15 Manholes.

3 Receiving Basins, Type B.

500 Cubic Yards of Rock Excavation.

250 Cubic Yards of Concrete, Class C.

8,700 Pounds of Steel Reinforcement Bars.

5,000 Feet (B. M.) of Timber Sheeting.

5,000 Feet (B. M.) of Timber Sheeting.

4,000 Linear Feet of Piles.

The time allowed for the completion of the work will be 150 consecutive working days.

The amount of security required will be Four thousand five hundred (\$4,500) Dollars.

NO. 2. CONSTRUCTING SEWER AND APPURTENANCES IN WEST 234TH STREET, BETWEEN SPUYTEN DUYVIL ROAD AND KINGSBRIDGE AVENUE; CORLEA AVENUE, BETWEEN WEST 232D STREET AND THE SUMMIT NORTH OF WEST 234TH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

245 Linear feet of Vitrified Pipe Sewer, 24-inch.

261 Linear feet of Vitrified Pipe Sewer, 20-inch.

1,090 Linear feet of Vitrified Pipe Sewer, 12-inch.

165 Linear feet of Basin Connections.

50 Linear feet of Vitrified Pipe Drains, 12-inch to 24-inch.

208 Spurs for House Connections.

17 Manholes.

7 Receiving Basins, Type C.

275 Cubic Yards of Rock Excavation.

180 Cubic Yards of Concrete, Class A.

130 Cubic Yards of Concrete, Class C.

8,500 Pounds of Steel Reinforcement Bars.

4,000 Feet (B. M.) of Timber Sheeting.

1,000 Feet (B. M.) of Timber Sheeting.

3,000 Linear feet of Piles.

The time allowed for the completion of the work will be 150 consecutive working days.

The amount of security required will be Five thousand six hundred (\$5,600) Dollars.

NO. 3. CONSTRUCTING SEWERS AND APPURTENANCES IN WEST 238TH STREET, BETWEEN BROADWAY AND PUTNAM AVENUE WEST, REVIEW PLACE, BETWEEN WEST 238TH STREET AND WEST 239TH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

272 Linear feet of Vitrified Pipe Sewer, 15-inch.

420 Linear feet of Vitrified Pipe Sewer, 12-inch.

50 Linear feet of Vitrified Pipe Drains, 12-inch to 24-inch.

90 Spurs for House Connections.

25 Cubic Yards of Rock Excavation.

60 Cubic Yards of Concrete, Class C.

1,200 Pounds of Steel Reinforcement Bars.

1,000 Feet (B. M.) of Timber Sheeting.

5,000 Feet (B. M.) of Timber Sheeting.

The time allowed for the completion of the work will be 60 consecutive working days.

The amount of security required will be One thousand eight hundred (\$1,800) Dollars.

NO. 4. PAVING WITH BITUMINOUS CONCRETE ON A CEMENT FOUNDATION THE ROADWAY OF EAST 174TH STREET, FROM SOUTHERN BOULEVARD TO BRYANT AVENUE, ADJUSTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO. (PRELIMINARY PAVEMENT.)

The Engineer's estimate of the work is as follows:

3,575 Square Yards of Bituminous Concrete Pavement, including the pavement in repair for Five Years from date of acceptance.

405 Cubic Yards of Class B Concrete.

200 Linear Feet of Curbstone, adjusted.

The time allowed for the completion of the work will be 20 consecutive working days.

The amount of security required will be Two thousand seven hundred (\$2,700) Dollars.

NO. 5. REPAVING WITH CONCRETE, AND WITH SHEET ASPHALT ON A CINDER CONCRETE FOUNDATION, THE SIDEWALKS AND ROADWAY OF THE BRIDGE OVER THE TRACKS OF THE N. Y. C. & H. R. R. R. AT EAST 153D STREET BETWEEN SHERIDAN AVENUE AND PARK AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

1,360 Square yards of Sheet Asphalt Pavement in Roadway (Medium Traffic Mixture), and keeping the pavement in repair for five years from date of acceptance.

8,040 Square feet of Concrete sidewalk, and keeping the sidewalk in repair for One year from date of acceptance.

150 Cubic Yards of Cinder Concrete.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be Two thousand (\$2,000) Dollars.

NO. 6. PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION THE ROADWAY OF EAST 167TH STREET, FROM WEST FARMS ROAD TO THE INTERSECTION OF WESTCHESTER AND LONGFELLOW AVENUES, AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO. (PERMANENT PAVEMENT.)

The Engineer's estimate of the work is as follows:

1,140 Square Yards of Asphalt Block Pavement (3-inch blocks) outside of Railroad Area, and keeping the pavement in repair for Five years from date of acceptance.

200 Square Yards of Asphalt Block Pavement (3-inch blocks) in Railroad Area.

285 Cubic Yards of Class B Concrete.

150 Linear feet of New Curb.

760 Linear feet of Old Curb.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be One thousand seven hundred (\$1,700) Dollars.

NO. 7. REGULATING, GRADING AND REGRADING, SETTING AND RESETTNG CURBSTONES, FLAGGING AND REFLAGGING SIDEWALKS, LAYING AND RELAYING CROSSLINKS, AND CONSTRUCTING DRAINAGE PLACING GUARD RAIL IN AND PAVING WITH GRANITE BLOCKS ON A SAND FOUNDATION THE ROADWAY OF EXTERIOR STREET FROM THE EXISTING PAVEMENT ON THE SOUTH SIDE OF EAST 151ST STREET TO JEROME AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO. (PRELIMINARY PAVEMENT.)

The Engineer's estimate of the work is as follows:

6,050 Square Yards of Granite Block Pavement on a sand foundation, laid with saws, joints, and keeping the pavement in repair for One year from date of acceptance.

300 Linear feet of New Curb.

1,300 Linear feet of Old Curb.

60 Square feet of New Bridgestone.

800 Square feet of Old Bridgestone.

800 Cubic Yards of Filling.

2,550 Square feet of Old Flagging.

1,000 Linear feet of Guard Rail.

The time allowed for the completion of the work will be 70 consecutive working days.

The amount of security required will be Nine thousand (\$9,000) Dollars.

NO. 8. REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSLINKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN OVERING STREET, FROM WESTCHESTER AVENUE TO WALKER AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

500 Cubic Yards of Excavation of all kinds.

900 Cubic Yards of Filling.

1,150 Linear feet of New Curb.

15,840 Square Feet Concrete sidewalk (including maintenance for one year).

680 Square feet of New Bridgestone.

1,000 Feet (B. M.) of Timber.

The time allowed for the completion of the work will be 40 consecutive working days.

The amount of security required will be Two thousand six hundred (\$2,600) Dollars.

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office.

a24,m6 DOUGLAS MATHEWSON, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at his office, Municipal Building, Crotona Park, 177th Street and 3rd Ave., until 10.30 a. m., on

THURSDAY, APRIL 29, 1915.

NO. 1. FOR REPAIRING ASPHALT BLOCK PAVEMENT AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN THE BOROUGH OF THE BRONX.

The Engineer's estimate of the work is as follows:

2,500 Square yards of Completed asphalt block pavement, including asphalt pitch filler, mortar bed and concrete foundation.

6,000 Square yards of Completed asphalt block pavement, including asphalt pitch filler and mortar bed on present foundation.

350 linear feet of Old curbstone reset in concrete, including concrete foundation.

The above quantities shall not be exceeded, no compensation shall be made for a greater amount.

The time allowed for the completion of the work will be by or before December 31, 1915.

The security required will be Nine thousand five hundred (\$9,500) Dollars.

NO. 2. FOR FURNISHING AND DELIVERING ASPHALTIC CEMENT (125 TONS).

The time allowed for the completion of the contract is on or before November 1, 1915.

The amount of security required for the performance of the contract shall be thirty (30) per cent. of the amount for which the contract is awarded.

Blank forms can be obtained upon application therefor, the specifications may be seen and other information obtained at said office.

a16,29 DOUGLAS MATHEWSON, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

#### DEPARTMENT OF PUBLIC CHARITIES.

#### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at Room 1091, Municipal Building, Borough of Manhattan, until 10.30 o'clock a. m., on

THURSDAY, MAY 6, 1915.

FOR FURNISHING AND DELIVERING UNIFORMS.

The time for the performance of the contract is up to and including December 31, 1915.

No bond will be required with the bid, as heretofore.

No bid will be considered unless it is accompanied by a deposit, which shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per suit, or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each class, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Contract Clerk of the Department, Room 1091, Municipal Building, Borough of Manhattan.

JOHN A. KINGSBURY, Commissioner.

Dated April 26, 1915. a26,m6

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at Room 1091, Municipal Building, Borough of Manhattan, until 10.30 o'clock a. m., on

WEDNESDAY, MAY 5, 1915.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE COMPLETION AND THE ALTERATIONS AND ADDITIONS, EXCLUSIVE OF PLUMBING, HEATING, VENTILATION AND KITCHEN APPARATUS, OF THE KITCHEN AND DINING HALL BUILDING FOR TUBERCULOSIS PATIENTS, METROPOLITAN HOSPITAL DISTRICT, BLACKWELL'S ISLAND, THE CITY OF NEW YORK.

NO. 2. PLUMBING, WATER SUPPLY AND GAS FITTING IN CONNECTION WITH ABOVE WORK.

NO. 3. HEATING, VENTILATING, STEAM PIPING AND REFRIGERATOR IN CONNECTION WITH ABOVE WORK.

NO. 4. ADDITIONAL KITCHEN APPARATUS IN CONNECTION WITH ABOVE WORK.

The time allowed for doing and completing the entire work and the full performance of each contract is ninety (90) consecutive working days.

The surety required will be Two Thousand Dollars (\$2,000) on Contract No. 1; Four Hundred Dollars (\$400) on Contract No. 2; One Thousand Dollars (\$1,000) on Contract No. 3, and One Thousand Dollars (\$1,000) on Contract No. 4.

Certified check or cash in the sum of One Hundred Dollars (\$100) on Contract No. 1; Twenty Dollars (\$20) on Contract No. 2, and Fifty Dollars (\$50) each on Contracts Nos. 3 and 4 must accompany bid.

Bids will be compared and the contract separately awarded to the lowest bidder on Propositions Nos. 1, 2, 3 and 4.

Blank forms and further information may be obtained at the office of Charles B. Meyers, Architect, No. 1 Union Square West, The City of New York, where plans and specifications may be seen.

JOHN A. KINGSBURY, Commissioner.

Dated April 23, 1915. a23,m5

See General Instructions to Bidders on last page, last column, of the "City Record."

#### BOROUGH OF BROOKLYN.

#### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at Room 2, Borough Hall, until 11 o'clock A. M., on

WEDNESDAY, MAY 5, 1915.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN AVENUE H, FROM EAST 35TH STREET TO BROOKLYN AVENUE.

The Engineer's preliminary estimate of the quantities is as follows:

261 linear feet of 36-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$4.15

27 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$1.75

160 linear feet of 6-inch house connection drain, laid complete, including

all incidentals and appurtenances; per linear foot, \$0.75

3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, \$50.00

1 sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, \$120.00

2,000 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, \$30.

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Eight hundred dollars (\$800.00).

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS ON FLATLANDS AVE. AT THE N. W. COR. OF E. 41ST ST., AT THE S. E. AND S. W. COR. OF E. 45TH ST.; N. E. AND S. W. COR. OF E. 45TH ST.; N. W. AND S. E. COR. OF E. 46TH ST.; N. W. AND S. E. COR. OF AVENUE L AND E. 43TH ST.; IN FLATLANDS AVENUE, NORTH SIDE, ABOUT 280 FEET EAST OF FLATBUSH AVE.; ON FLATLANDS AVE, SOUTH SIDE, ABOUT 260 FEET EAST OF FLATBUSH AVENUE; AT THE INTERSECTION OF THE NORTHERLY CURB LINE OF FLATLANDS AVENUE AND THE SOUTHERLY CURB LINE OF AVENUE L; AT THE INTERSECTION OF THE SOUTHERLY CURB LINE OF FLATLANDS AVE. AND THE NORTHERLY CURB LINE OF AVENUE L.

The Engineer's preliminary estimate of the quantities is as follows:

14 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, \$120.00

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be Eight hundred dollars (\$800.00).

NO. 3. FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN EAST 31ST STREET, FROM FARRAGUT ROAD NORTHERLY TO THE LINE OF THE FLATBUSH WATER WORKS, AND SEWER BASINS AT ALL FOUR COR



The Engineer's estimate is as follows:  
535 cu. yds. excavation to subgrade.  
150 lin. ft. cement curb (1 year maintenance).  
355 cu. yds. concrete.  
2,140 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, \$1,300.

NO. 2—FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF BELMONT AVE. FROM VAN SINDEREN AVE. TO SNEDIKER AVE. AND FROM ALABAMA AVE. TO PENNSYLVANIA AVE.

The Engineer's estimate is as follows:  
745 cu. yds. excavation to subgrade.  
70 lin. ft. granite heading stones set in concrete.  
495 cu. yds. concrete.  
2,980 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, \$1,800.

NO. 3—FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF LINCOLN PLACE FROM UNDERHILL AVE. TO WASHINGTON AVE.

The Engineer's estimate is as follows:  
1,200 cu. yds. excavation to subgrade.  
560 cu. yds. concrete.  
4,030 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, \$2,300.

NO. 4—FOR REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF LOUISA ST. FROM CHESTER AVE. TO 36TH ST.

The Engineer's estimate is as follows:  
400 cu. yds. excavation.  
10 cu. yds. fill (not to be bid for).  
50 lin. ft. bluestone heading stones set in concrete.  
310 lin. ft. steel bound cement curb (1 year maintenance).

1,640 sq. ft. cement sidewalks (1 year maintenance).  
1,640 sq. ft. 6-inch cinder or gravel sidewalk foundation.

147 cu. yds. concrete.  
1,060 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 25 working days. Security required, \$800.

NO. 5—FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON NEWPORT ST. FROM SNEDIKER AVE. TO ALABAMA AVE.

The Engineer's estimate is as follows:  
2,760 cu. yds. excavation.  
60 cu. yds. fill (not to be bid for).  
1,290 lin. ft. steel bound cement curb (1 year maintenance).  
6,590 sq. ft. cement sidewalks (1 year maintenance).  
6,590 sq. ft. 6-inch cinder or gravel sidewalk foundation.

Time allowed, 35 working days. Security required, \$1,000.

NO. 6—FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF PRESIDENT ST. FROM NOSTRAND AVE. TO ROGERS AVE.

The Engineer's estimate is as follows:  
600 cu. yds. excavation to subgrade.  
375 cu. yds. concrete.  
2,705 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, \$1,500.

NO. 7—FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON SARATOGA AVE. FROM LIVONIA AVE. TO EAST 98TH ST.

The Engineer's estimate is as follows:  
500 cu. yds. excavation.  
2,910 cu. yds. fill to be furnished.  
20 lin. ft. old stone curb reset in concrete.  
2,850 lin. ft. steel bound cement curb (1 year maintenance).  
14,030 sq. ft. cement sidewalks (1 year maintenance).  
14,030 sq. ft. 6-inch cinder or gravel sidewalk foundation.

Time allowed, 45 working days. Security required, \$1,800.

NO. 8—FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF WEBSTER AVE. FROM GRAVESEND AVE. TO 47TH ST.

The Engineer's estimate is as follows:  
350 cu. yds. excavation to subgrade.  
25 lin. ft. bluestone heading stones set in concrete.  
220 cu. yds. concrete.  
1,570 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, \$900.

NO. 9—FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 12TH AVE. FROM 36TH ST. TO 38TH ST.

The Engineer's estimate is as follows:  
440 cu. yds. excavation to subgrade.  
135 lin. ft. bluestone heading stones set in concrete.  
295 cu. yds. concrete.  
1,765 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, \$1,100.

NO. 10—FOR REGULATING, CURBING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 21ST AVE. FROM 60TH ST. TO 64TH ST.

The Engineer's estimate is as follows:  
1,335 cu. yds. excavation to subgrade.  
190 lin. ft. bluestone heading stones set in concrete.  
100 lin. ft. cement curb (1 year maintenance).  
890 cu. yds. concrete.  
5,350 sq. yds. asphalt pavement (5 years maintenance).

Time allowed, 35 working days. Security required, \$3,300.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per sq. ft., cu. yd. or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded as a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, Room No. 502, 50 Court St., Brooklyn.

L. H. POUNDS, President. a23,m5

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

ALTERATIONS AND REPAIRS, INCLUDING ELECTRIC WORK, AT THE LORIMER STREET COMFORT STATION, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract will be sixty consecutive working days.

The amount of security required will be One thousand (\$1,000) Dollars.

The bids will be compared and the contract awarded as a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Public Buildings and Offices, Room 1003, No. 50 Court Street, Brooklyn.

L. H. POUNDS, President. a23,m5

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at Room 2, Borough Hall, until 11 o'clock A. M., on

WEDNESDAY, MAY 12, 1915.

Borough of Brooklyn.

FOR FURNISHING ALL LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING COMPLETE SUPERSTRUCTURES OF THE SEWAGE PUMPING STATION, SECTION NO. 2, SANITARY OUTLET SEWERS, STORM OUTLET SEWERS AND THE FORCE MAIN IN AVENUE "Y" BETWEEN THE WESTERN LINE OF WEST 11TH STREET AND THE EASTERLY LINE OF WEST 10TH STREET, TOGETHER WITH ALL SANITARY OUTLET SEWERS, STORM OUTLET SEWERS AND THE FORCE MAIN AND THE SEWAGE PUMPING STATION, AND ALL ADJUNCTS AND APPURTENANCES WITHIN THE PARCEL OF LAND BETWEEN WEST 10TH STREET AND WEST 11TH STREET, AND BETWEEN AVENUE "Y" AND A LINE PARALLEL THEREWITH AND 200 FEET SOUTHERLY THEREFROM.

The work to be performed and materials to be supplied are as follows:

Furnishing and delivering all labor and materials required for constructing and erecting complete the Superstructures of the Sewage Pumping Station, embracing the sewage pumping station above the foundation walls, and the superstructure surmounting the pump well, screen and grit chamber.

The time allowed for the completion of the work and the full performance of the contract will be One hundred and twenty (120) working days.

The amount of security required will be Twenty thousand dollars (\$20,000.00).

The bids will be compared and the contract will be awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, No. 215 Montague Street, Brooklyn.

L. H. POUNDS, President. a23,m12

See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be Three Hundred and Sixty-five (365) Calendar Days.

The security required will be Five Thousand Dollars (\$5,000).

Each bidder shall state a price under Item 2 that The City shall pay for soiling and seeding the grounds; and under Item 1, either a sum which the bidder shall pay to The City, or a sum which The City shall pay to the bidder for the privilege of depositing the material.

The bids will be compared and award will be made to the bidder who offers the largest net sum to be paid to The City. If no such bid is received then the award will be made to the lowest bidder in the aggregate for all the items in the schedule.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351 in the Municipal Building, Manhattan, New York City.

Dated New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, Room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

FRIDAY, MAY 7, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE CONTRACT ABANDONED BY THE TRANSVERSE CONTRACTING COMPANY FOR FILLING, GRADING, SOILING AND SEEDING THE GROUNDS OWNED BY THE CITY BETWEEN SEDGWICK AVENUE AND THE NEW YORK CENTRAL & HUDSON RIVER RAILROAD, AT HIGH BRIDGE, BOROUGH OF THE BRONX.

on each Section; and on No. 2 to the lowest formal bidder in a lump sum.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351, in the Municipal Building, Manhattan, New York City.

Dated, New York, April 24, 1915.

a27,m7 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

WEDNESDAY, MAY 5, 1915.

Borough of Brooklyn.

FOR FURNISHING, DELIVERING, UNLOADING, STACKING AND STORING CAST IRON PIPE, SPECIAL AND VALVE BOX CASTINGS, VALVES AND DOUBLE NOZZLE FIRE HYDRANTS.

The time allowed for the delivery of the materials and supplies and the performance of the contract will be on Section 1, One hundred and twenty-five (125) calendar days; on Section 2, Seventy-five (75) calendar days; on Section 3, One hundred and twenty-five (125) calendar days; on Section 4, One hundred (100) calendar days.

The security required will be on Section 1, Seven thousand five hundred dollars (\$7,500); on Section 2, Two thousand five hundred dollars (\$2,500); on Section 3, Four thousand dollars (\$4,000); on Section 4, Six thousand dollars (\$6,000).

The bidder will state the price per unit of each item of work, materials or supplies contained in the specifications or schedules, by which the bids will be tested. Bids will be received for each section singly or for all sections, but in comparing the bids, the bids for each section will be compared separately and the contracts will be awarded by Sections to the lowest formal bidder in the aggregate for all items on each section.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351, in the Municipal Building, Manhattan, New York City.

Dated New York, April 21, 1915.

a23,m5 WILLIAM WILLIAMS, Commissioner.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at room 2351, Municipal Building, Manhattan, until 2 o'clock p. m., on

MONDAY, MAY 3, 1915.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING AND DELIVERING ENGINEERS' AND DRAUGHTSMEN'S SUPPLIES.

The time allowed for the performance of the contract is thirty (30) calendar days.

The amount of the security for the performance of the contract is thirty (30%) per cent. of the total amount for which the contract is awarded.

The bidder will state the price per unit of each item of materials or supplies contained in the specifications or schedules, by which the bids will be tested. The bids will be compared and award made to the lowest formal bidder on each item.

Blank forms of bid, proposals and contract, including specifications, approved as to form by the Corporation Counsel, can be obtained at Room 2351, in the Municipal Building, Manhattan, New York City.

April 20, 1915.



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, Municipal Building, 12th floor south.

J. T. FETHERSTON, Commissioner.  
Dated, April 21st, 1915. a24,m5  
See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at his office, Room 1244, Municipal Building, Borough of Manhattan, until 12 o'clock noon on **WEDNESDAY, MAY 6, 1915,**

**Borough of Manhattan.**  
FOR FURNISHING AND DELIVERING FOUR (4) LOCOMOTIVE CRANES.

The time allowed for the delivery of materials and supplies and the performance of the contract is Forty-two (42) calendar days.  
The amount of security required is Thirty (30) per cent. of the amount for which the contract will be awarded.

A deposit of one and one-half per cent. (1½%) of the total amount of the bid must accompany the estimate.

Bids must be submitted in duplicate in separate envelopes.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per crane, 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 the 4 cranes, and awards made to the lowest bidder on the 4 cranes.

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, Room 1244, Municipal Building, New York City.

J. T. FETHERSTON, Commissioner.  
Dated, April 21st, 1915. a24,m5  
See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at his office, 1245 Municipal Building, Borough of Manhattan, until 12 o'clock noon on **WEDNESDAY, MAY 6, 1915,**

**Borough of Manhattan.**  
FOR FURNISHING AND DELIVERING 2 SCRUBBER OR SQUEEGE MACHINES.

The time for the completion of the work and the full performance of the contract is forty (40) days.

The amount of security required is thirty per cent. (30%) of the amount for which the contract will be awarded.

A deposit of one and one-half per cent. (1½%) of the total amount of bid must accompany estimate.

Bids must be submitted in duplicate in separate envelopes.

The bidder will state the price of each item or article 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 amount, and awards made to the lowest bidder.

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, Room 1245, Municipal Building.

J. T. FETHERSTON, Commissioner.  
Dated, April 21st, 1915. a24,m5  
See General Instructions to Bidders on last page, last column, of the "City Record."

## BOARD OF WATER SUPPLY.

### Proposals.

SEALED BIDS WILL BE RECEIVED BY the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chambers Streets, New York City, until 11 A. M. on

**TUESDAY, MAY 4, 1915,**  
CONTRACT NO. 143.

FOR FURNISHING AND ERECTING ABOUT 15 MILES OF WIRE FENCE WITH CONCRETE POSTS AND SHORT LENGTHS OF CONCRETE AND WOOD GUARD RAILS AND DOING SOME CONCRETE REPAIR WORK AND GENERAL CLEANING UP AT THE ASHOKAN RESERVOIR. THE WORK IS LOCATED IN THE TOWNS OF OLIVE, MARBLETOWN AND HURLEY, ULSTER COUNTY, NEW YORK.

An approximate statement of the quantities of the various items of work and further information are given in the Information for Bidders forming part of the contract. At the above place and time the bids will be publicly opened and read. The award of the contract, if awarded, will be made by the Board as soon thereafter as practicable. The Board reserves the right to reject any and all bids.

A bond in the sum of twenty thousand dollars (\$20,000) will be required for the faithful performance of the contract.

No bid will be received and deposited unless accompanied by a certified check upon a National or State Bank, drawn to the order of the Comptroller of the City of New York, to the amount of one thousand dollars (\$1,000).

Time allowed for the completion of the work is 9 months from the service of notice by the Board to begin work.

Pamphlets containing information for bidders, forms of proposal and contract, specifications, contract drawings, etc., can be obtained at the above address, at the office of the Secretary, upon application in person or by mail, by depositing the sum of ten dollars (\$10) in cash or its equivalent for each pamphlet. This deposit will be refunded upon the return of the pamphlets in acceptable condition within thirty days from the date on which bids are to be opened.

For further particulars apply to the office of the Principal Assistant Engineer at the above address.

CHARLES STRAUSS, President; CHARLES N. CHADWICK, JOHN F. GALVIN, Commissioners of the Board of Water Supply.

W. BRUCE COBB, Secretary.  
NOTE: SEE GENERAL INSTRUCTIONS TO BIDDERS ON LAST PAGE, LAST COLUMN, OF THE CITY RECORD, SO FAR AS APPLICABLE HERETO AND NOT OTHERWISE PROVIDED FOR. a15,m4

## BELLEVUE AND ALLIED HOSPITALS.

### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees in the Staff Room of Bellevue Hospital (entrance 415 E. 26th st.) until 12 o'clock noon on

**MONDAY, MAY 3, 1915,**

FOR SPECIFICATION NO. 25, MEDICAL AND SURGICAL SUPPLIES (ALCOHOL, GAUZE, HYDROGEN PEROXIDE, PLASTER, ZINC OXIDE).

The time for the delivery and full performance of these contracts is by June 30th, 1915.

The surety required on contract will be thirty (30) per cent. of the total amount for which the contract is awarded (bonds not required with bids).

The deposit required will be not less than one and one-half (1½) per cent. of the total amount of the bid or estimate, and must accompany bid. The bidder will state the price per yard, per dozen, or other designated unit, by which the bids will be tested.

The extensions must be made and footed up, as the bids will be read from the total, and will be compared and awards made to the lowest bidder on each line or class, as stated in the specifications, as soon thereafter as practicable, according to law.

Bids must be submitted in duplicate upon the blank forms furnished by the department, each in a separate envelope. No bids will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Contract Clerk and Auditor, entrance No. 400 East 29th st., Borough of Manhattan.

BOARD OF TRUSTEES, BELLEVUE AND ALLIED HOSPITALS, by JOHN W. BRANNAN, M. D., President. a22,m3

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees in the Staff Room of Bellevue Hospital (entrance 415 E. 26th St.) until 12 o'clock noon on

**MONDAY, MAY 3, 1915,**

FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY OR REQUIRED FOR FURNISHING AND INSTALLING THE SURGICAL APPARATUS, KITCHEN EQUIPMENT, METAL LOCKERS, METAL CUPBOARDS, WOOD SHELVES AND LINEN CLOSETS, BATH ROOM EQUIPMENT, MATTRESS AND TRUNK RACKS, RODS IN STEAM DRYERS, CURTAINS IN DRESSING ROOMS, AWNINGS, SCREENS, WINDOW GUARDS AND OTHER WORK AS SET FORTH IN THE DRAWINGS AND SPECIFICATIONS FOR THE EQUIPMENT OF THE HARLEM HOSPITAL, 136TH-137TH STREETS AND LENOX AVENUE, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed for doing and completing the new work, repairs and alterations will be not more than sixty (60) consecutive calendar days.

The surety required will be thirty (30) per cent. of the total amount of the contract. Bonds not required with bids.

A deposit of five per cent. of the amount of the bond required by this Department must accompany this bid.

Separate bids are invited on each section. Bids must be submitted upon the blank forms prepared by the department.

The bids will be read from the total and awards will be made to the lowest bidder on each section as soon thereafter as practicable, according to law. Blank forms and further information may be obtained at the office of the Contract Clerk and Auditor, entrance No. 400 East 29th St., Borough of Manhattan.

BOARD OF TRUSTEES, BELLEVUE AND ALLIED HOSPITALS, by JOHN W. BRANNAN, M. D., President. a22,m3

See General Instructions to Bidders on last page, last column, of the "City Record."

## POLICE DEPARTMENT.

### Owners Wanted for Unclaimed Property.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, No. 240 Centre st., for the following property now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

ARTHUR WOODS, Police Commissioner.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 72 Poplar st., Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

ARTHUR WOODS, Police Commissioner.

## FIRE DEPARTMENT.

### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at his office, eleventh floor, Municipal Building, Borough of Manhattan, until 10.30 o'clock A. M., on

**TUESDAY, MAY 4, 1915,**

NO. 1—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR INSTALLING ELECTRIC LIGHTING SYSTEMS IN QUARTERS OF HOOK AND LADDER CO. 6 AND ENGINE COS. 9, 11, 15, 21, 25, MANHATTAN, AND ENGINE CO. 20, THE BRONX.

The time for the completion of the work and the full performance of the contract is Fifty (50) days.

The amount of security required is Fifty per cent. (50%) of the amount of the bid. Bids will be compared and the contract awarded at a lump or aggregate sum.

NO. 1—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATIONS AND REPAIRS TO QUARTERS OF ENGINE CO. 155, LOCATED AT 223 JERSEY STREET (NEW BRIGHTON), BOROUGH OF RICHMOND.

The time for the completion of the work and the full performance of the contract is Forty (40) days.

The amount of security required is Fifty per cent. (50%) of the amount of the bid. Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Fire Department, eleventh floor, Municipal Building, Manhattan. ROBERT ADAMSON, Fire Commissioner. a23,m4

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at his office, eleventh floor, Municipal Building, Borough of Manhattan, until 10.30 o'clock A. M., on

**TUESDAY, MAY 4, 1915,**

NO. 1—FOR FURNISHING AND DELIVERING TEN THOUSAND (10,000) FEET OF STANDARD 3-INCH WROUGHT IRON PIPE.

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 Thirty per cent. (30%) 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 foot, or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the total. The bids will be compared and the contract awarded at a lump or aggregate sum.

Bids for supplies must be submitted in duplicate.

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, eleventh floor, Municipal Building, Manhattan. ROBERT ADAMSON, Fire Commissioner. a23,m4

See General Instructions to Bidders on last page, last column, of the "City Record."

## DEPARTMENT OF FINANCE.

### Corporation Sale of Lease.

CORPORATION SALE BY SEALED BIDS OF THE LEASE OF CERTAIN CITY REAL ESTATE.

UPON THE AUTHORIZATION OF THE Commissioners of the Sinking Fund, and pursuant to a resolution adopted by them at a meeting held April 21, 1915, the Comptroller of the City of New York will sell by sealed bids on

**THURSDAY, MAY 13, 1915,**

at 11 A. M., in Room 368, Municipal Building, Borough of Manhattan, the lease for a period of ten years from May 15, 1915, of the following described premises, situate, lying and being in the Borough of Manhattan, City of New York:

BEGINNING at a point distant 80 feet north of the north line of East 129th Street, said 80 feet being measured on a line drawn parallel with and 180 feet east of the east line of Third Avenue; running thence northerly on a curve deflecting to the left, whose radius is 287.17 feet, for a distance of 126.39 feet, to what would be the south line of East 130th Street, if said south line were extended easterly from 3rd Avenue in continuation of the present south line of East 130th Street; running thence easterly along the said south line of East 130th Street 12.80 feet to the south line of Exterior Street, as shown on the H. V. Southard map of 1858 and 1859; and running thence easterly along the south line of said Exterior Street 57.74 feet; and running thence southerly on a line drawn at right angles with the said south line of Exterior Street 5.78 feet; and running thence southerly on a line deflecting 24 degrees 51 minutes 10 seconds to the left from the last mentioned line 90.53 feet; and running thence westerly and parallel to the north line of East 129th Street 25 feet to the point or place of beginning.

The Comptroller will receive sealed bids for the lease of the said premises for the said period at the minimum or upset price of One thousand dollars (\$1,000) per annum, payable quarterly in advance, and the said sale will be made upon the following terms and conditions:

The highest bidder will be required to pay twenty-five per cent. (25%) of the yearly rental at the time and place of sale; the amount so paid for one quarter's rent shall be forfeited if the successful bidder does not execute the lease when notified it is ready for execution.

He will also be required to give an undertaking in the amount of the annual rental bid, with sufficient sureties to be approved by the Comptroller, for the payment of the rent quarterly in advance, and for the performance of the terms and covenants of the lease.

No person shall be received as lessee or surety who is a delinquent on any former lease made by the corporation, and no bid shall be accepted from any person who is in arrears to the corporation upon debt or contract, or who is a defaulter as surety or otherwise upon any obligation to the City, as provided by law.

The lease shall be in the usual form of leases of like property, and will contain, in addition to other terms, covenants and conditions, as follows:

First—A clause providing that the lessee shall pay the usual rates for water per meter measurements, and comply with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Second—A clause providing that the lessee shall not make any alterations or improvements on the property except with the consent and approval of the Comptroller.

Third—A clause providing that during the term of the lease the lessee shall keep whatever buildings may be erected thereon in proper repair, both inside and outside, at his own cost and expense, and shall comply with all the laws and ordinances of the City of New York.

Fourth—A clause providing that during the term of the lease the lessee shall keep whatever buildings may be erected upon the premises in good and proper repair, and shall make all alterations and improvements thereto during the period of the lease, and that upon the expiration of the lease such repairs, alterations and improvements shall become the property of the City of New York.

Fifth—The lease to contain a privilege of renewal for an additional term of ten years at a rental to be fixed by arbitration.

The Comptroller shall have the right to reject any and all bids if deemed to be to the interest of the City of New York.

WM. A. PRENDERGAST, Comptroller of the City of New York.

Department of Finance, Comptroller's Office, April 26th, 1915. a27,m13

### Corporation Sales of Buildings.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

**Borough of The Bronx.**

BEING the buildings, parts of buildings, etc., standing within the lines of Bronx River Avenue, from East 174th Street to Rosedale Avenue, in the Borough of The Bronx, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 21, 1915, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**THURSDAY, MAY 13, 1915,**

at 11 A. M., in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL 5: Two-story frame house No. 1543 Rosedale Avenue and two sheds and fence in rear. Upset price, \$50.00.

PARCEL 6: Rear corner of two-story frame house No. 1541 Rosedale Avenue and fence in rear. Cut house 19.6 feet on north side by 18.5 feet on rear. Upset price, \$10.00.

PARCEL 7: Shed and fences in rear of 1539 Rosedale Avenue. Upset price, \$2.00.

PARCEL 8: Part of shed and fence in rear of No. 1537 Rosedale Avenue. Upset price, \$2.00.

The purchaser will be obliged to fill in the cellars and other excavations with clean earth to the level of the surrounding ground.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11.00 a. m. on the 13th day of May, 1915, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 13, 1915," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date, to the "Collector of City Revenue, Room 368, Municipal Building, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance, Comptroller's Office, April 19, 1915. a27,m13

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

**Borough of The Bronx.**

BEING certain buildings, parts of buildings, etc., standing within the lines of Bronx Boulevard, from Gun Hill Road to East 228th Street, in the Borough of The Bronx, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 21, 1915, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto will be held by direction of the Comptroller on

**WEDNESDAY, MAY 12, 1915,**

at 11 A. M., in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL 98: Two-story frame office, one-story open shed and two and one-half story frame planing mill with machinery therein on the west side of Bronx Boulevard, north of the Bronx River. Upset price, \$150.00.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11.00 a. m. on the 12th day of May, 1915, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 12, 1915," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date, to the "Collector of City Revenue, Room 368, Municipal Building, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance, Comptroller's Office, April 21, 1915. a26,m12

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Manhattan, public notice



is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

#### Borough of Manhattan.

BEING the buildings, parts of buildings, etc., standing within the lines of West 218th Street, from Seaman Avenue to the bulkhead line of the Harlem River, in the Borough of Manhattan, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 21, 1915, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto will be held by direction of the Comptroller on

**TUESDAY, MAY 11, 1915,**

at 11 A. M., in lots and parcels, and in manner and form, and at upset prices as follows:

**PARCEL 17 and 21:** Stone house within the lines of West 218th Street, between Seaman Avenue and Indian Road. Upset price, \$10. Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11 a. m. on the 11th day of May, 1915, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinabove.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids. The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of the City of New York to do so. All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened May 11, 1915," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room 368, Municipal Building, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."**

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, April 21, 1915. a24,m11

#### Interest on City Bonds and Stock.

THE INTEREST DUE ON MAY 1, 1915, ON registered bonds and stock of The City of New York, and of the former corporations now included therein, will be paid on that day by the Comptroller at his office (Room 853 in the Municipal Building, at Chambers and Centre sts., in the Borough of Manhattan).

The coupons that are payable in New York or in London for the interest due on May 1, 1915, on assessment bonds and corporate stock of The City of New York will be paid on that day at the option of the holders thereof, either at the office of the Guaranty Trust Company, 140 Broadway, New York City, in United States money, or at the office of Messrs. Seligman Brothers, 18 Austin Friars, London, E. C., England, in sterling.

The coupons that are payable only in New York for interest due on May 1, 1915, on bonds and stock of the present and former City of New York, and of former corporations now included in The City of New York, except the former County of Queens, will be paid on that day at the office of the said Guaranty Trust Company.

The coupons that are payable on May 1, 1915, for interest on bonds issued by the former County of Queens will be paid on that day at the Queens County Bank, Branch of the Corn Exchange Bank, Borden ave. and Front st., Long Island City.

The books for the transfer of bonds and stock on which interest is payable May 1, 1915, will be closed from April 5th to May 1, 1915.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, March 18, 1915. m19,m1

#### Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMPANIES will be accepted as sufficient upon the following contracts to the amounts named: *Supplies of Any Description, Including Gas and Electricity.*

One company on a bond up to \$50,000. When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated January 1, 1914.

*Construction.* One company on a bond up to \$25,000. Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies dated January 1, 1914. *Asphalt, Asphalt Block and Wood Block Pavements.*

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated January 1, 1914.

WILLIAM A. PRENDERGAST, Comptroller.

#### Corporation Sales of Real Estate.

Wm. P. Rae Company, Auctioneer.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

**THURSDAY, MAY 6, 1915,**

at 12 o'clock M., at the Brooklyn Real Estate Exchange, No. 189 Montague Street, Borough

of Brooklyn, all that certain piece or parcel of land belonging to the City of New York, and known on the Tax Maps of the City of New York as Lots 29 and 31, in Block 1171, Section 4, Borough of Brooklyn, bounded and described as follows:

BEGINNING at a point on the southerly line of Butler Place, distant 150 feet 3 1/2 inches westerly from the intersection of the southerly line of Butler Place with the westerly line of Sterling Place; running thence southerly and at right angles, or nearly so, with Butler Place 128 feet 6 inches to the northerly line of Lot No. 7, in Block 1171, Section 4; running thence westerly and along the northerly line of Lots 7, 12 and 14 in the above mentioned block 230 feet 3 inches; running thence northerly and at right angles, or nearly so, with Butler Place 114 feet to the southerly line of Butler Place; running thence easterly along the said southerly line of Butler Place 225 feet to the point or place of beginning.

The minimum or upset price at which said property shall be sold is hereby fixed at Thirty-one Thousand Dollars (\$31,000), plus the cost of advertising the sale. The sale to be made upon the following

#### TERMS AND CONDITIONS:

The highest bidder will be required to pay ten per cent. (10%) of the amount of the bid, together with the auctioneer's fees, at the time of the sale, and ninety per cent. (90%) upon the delivery of the deed, which shall be within sixty (60) days from the date of the sale.

The deed so delivered shall be in form of a bargain and sale deed without covenants.

The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of the sale, and the person so failing to comply therewith will be held liable for any deficiency which may result from such resale.

The right is reserved to reject any and all bids.

Maps of said real estate may be seen on application at the Comptroller's Office (Division of Real Estate), Room 733, Municipal Building, Borough of Manhattan.

By order of the Commissioners of the Sinking Fund under resolution adopted at meeting of the Board held July 29, 1914.

ALEX. BROUGH, Deputy and Acting Comptroller, Department of Finance, Comptroller's Office, April 16th, 1915. a20,m6

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, NEW YORK, APRIL 1, 1915.

#### NOTICE TO TAXPAYERS.

NOTICE IS HEREBY GIVEN THAT THE assessment rolls of real estate and personal property in the City of New York for the year 1915 have been delivered to the undersigned and that all taxes on said assessment rolls are due and payable as follows:

All taxes on personal property and one-half of all taxes on real estate are due and payable on

**SATURDAY, MAY 1, 1915,**

and the remaining and final one-half of taxes on real estate shall be due and payable on the

**FIRST DAY OF NOVEMBER, 1915.**

All taxes become liens on the real estate affected thereby on the respective days when they become due and payable as hereinbefore provided and shall remain such liens until paid.

The second half of the tax on real estate which is due on the first day of November may be paid on the first day of May or at any time thereafter, providing the first half shall have been paid or shall be paid at the same time, and on such payments of the second half as may be made in such manner prior to November 1st, a discount shall be allowed from the date of payment to November 1st at the rate of four per centum per annum.

No discount is allowed on personal tax bills. Penalty on unpaid taxes on real estate begins June 1st and December 1st; on unpaid personal taxes, June 1st.

Taxes are payable at the office of the Receiver of Taxes in the Borough where the property is located, as follows:

Borough of Manhattan, Room 200, Municipal Building.  
Borough of the Bronx, 177th St. & Arthur Av.  
Borough of Brooklyn, 236 Duffield St.  
Borough of Queens, Court Sq., L. I. City.  
Borough of Richmond, Borough Hall, St. George.

FRED'K. H. E. EBSTEIN, Receiver of Taxes. a1,30

#### Confirmation of Assessments.

NOTICE OF ASSESSMENT FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessment for OPENING AND ACQUIRING TITLE to the following named avenue and streets in the

**BOROUGH OF THE BRONX:**

**TWENTY-FOURTH WARD, SECTION 11.** GRAND AVENUE—OPENING from Burnside Avenue to Fordham road and WEST ONE HUNDRED AND EIGHTIETH STREET—OPENING from Aqueduct Avenue East to Davidson Avenue; AQUEDUCT AVENUE EAST—OPENING from West One Hundred and Eighty-fourth street to West One Hundred and Eighty-fourth street. Confirmed March 25, 1914; entered April 22, 1915. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

1. Beginning at a point on the southerly line of West One Hundred and Eighty-first street where it is intersected by the easterly line of Aqueduct Avenue and running thence easterly along the southerly line of West One Hundred and Eighty-first street to a point distant 105 feet westerly from the westerly line of Harrison Avenue, the said distance being measured at right angles to Harrison Avenue; thence southerly and parallel with Harrison Avenue to the intersection with a line bisecting the angle formed by the intersection by the prolongation of the centre lines of West One Hundred and Eighty-first street and West One Hundred and Eighty-first street as these streets are laid between Aqueduct Avenue East and Davidson Avenue; thence easterly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Harrison Avenue, the said distance being measured at right angles to Harrison Avenue; thence northwardly and parallel with Harrison Avenue to the intersection with the southerly line of West One Hundred and Eighty-first street; thence easterly along the southerly line of West One Hundred and Eighty-first street to a point distant 90 feet westerly from the westerly line of Davidson Avenue, the said distance being measured at right angles to Davidson Avenue; thence southwardly and parallel with Grand Avenue to the intersection with the bisecting line hereinbefore described; thence easterly along the said bisecting line to the in-

tersection with a line midway between Davidson Avenue and Jerome Avenue; thence southwardly along the said line midway between Davidson Avenue and Jerome Avenue to the intersection with the prolongation of a line distant 200 feet southerly from and parallel with the southerly line of West One Hundred and Eighty-first street, said distance being measured at right angles to West One Hundred and Eighty-first street; thence westwardly along the said line parallel with West One Hundred and Eighty-first street and along the prolongation of the said line to a point distant 90 feet easterly from the easterly line of Grand Avenue, the said distance being measured at right angles to Grand Avenue; thence southwardly and parallel with Grand Avenue to the intersection with the northerly line of Burnside Avenue to a point distant 100 feet westerly from the westerly line of Grand Avenue, the said distance being measured at right angles to Grand Avenue; thence northwardly and parallel with Grand Avenue to a point distant 200 feet southerly from the southerly line of West One Hundred and Eighty-first street, said distance being measured at right angles to West One Hundred and Eighty-first street; thence westwardly and parallel with West One Hundred and Eighty-first street and the prolongation thereof to the intersection with the easterly line of Aqueduct Avenue; thence northwardly along the easterly line of Aqueduct Avenue to the point or place of beginning.

2. Beginning at a point on the easterly line of Aqueduct Avenue where it is intersected by the southerly line of West One Hundred and Eighty-first street and running thence northwardly in a straight line to a point on the northerly line of West One Hundred and Eighty-first street distant 100 feet westerly from the westerly line of Aqueduct Avenue East, the said distance being measured at right angles to Aqueduct Avenue East; thence northwardly and always distant 100 feet westerly from the westerly line of Aqueduct Avenue East and the prolongation thereof to the intersection with the prolongation of a line distant 100 feet northerly from the northerly line of West One Hundred and Eighty-fourth street, the said distance being measured at right angles to West One Hundred and Eighty-fourth street; thence easterly along the said line parallel with West One Hundred and Eighty-fourth street and the prolongation thereof to a point distant 150 feet westerly from the westerly line of Grand Avenue, the said distance being measured at right angles to Grand Avenue; thence northwardly and always distant 150 feet westerly from and parallel with the westerly line of Grand Avenue to a point distant 100 feet northerly from the northerly line of Fordham road, the said distance being measured at right angles to Fordham road; thence easterly and always distant 100 feet northerly from and parallel with the northerly line of Fordham road to a point distant 100 feet easterly from the easterly line of Grand Avenue, the said distance being measured at right angles to Grand Avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Grand Avenue to the intersection with the southerly line of West One Hundred and Eighty-first street; thence westwardly along the southerly line of West One Hundred and Eighty-first street to the point or place of beginning.

**TWENTY-FOURTH WARD, SECTION 16.**

**EAST TWO HUNDRED AND THIRTY-THIRD STREET—OPENING** from Baychester Avenue to Boston road at the Hutchinson River. Confirmed March 9, 1915; entered April 22, 1915. Area of assessment: All those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Ely Avenue and Grace Avenue, where it is intersected by a line midway between Edgewald Avenue and Strang Avenue and running thence easterly along the said line midway between Edgewald Avenue and Strang Avenue and along the prolongation of the said line to the intersection with the northerly boundary line of The City of New York; thence southeastwardly along the said City boundary line, and along the prolongation of the said line across Hutchinson River to the intersection with the northerly line of Boston road; thence southwardly at right angles to Boston road a distance of 500 feet; thence westwardly and always distant 500 feet southerly from and parallel with the northerly line of Boston road to the intersection with a line at right angles to Boston road and passing through a point on its northerly side distant 700 feet southerly from the southerly line of East Two Hundred and Thirty-third street, the said distance being measured at right angles to East Two Hundred and Thirty-third street; thence northwardly along the said line at right angles to Boston road to its northerly side; thence westwardly along a line always distant 700 feet southerly from and parallel with the southerly line of East Two Hundred and Thirty-third street to the intersection with the prolongation of a line parallel with Edgewald Avenue and passing through a point on the easterly line of Baychester Avenue midway between East Two Hundred and Thirty-third street and Boston road, the said distance being measured along the line of Baychester Avenue; thence westwardly along the said line parallel with Edgewald Avenue and along the prolongation of the said line to the intersection with the prolongation of a line midway between Grace Avenue and Ely Avenue, as these streets are laid out between Strang Avenue and Edgewald Avenue; thence northwardly along the said line midway between Grace Avenue and Ely Avenue, and along the prolongation of the said line to the point or place of beginning.

—that the said assessments were entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessments, 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 Bergen Building, Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 21, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of payment.

date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, April 22, 1915. a28,m8

#### NOTICE OF ASSESSMENT FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessment for OPENING AND ACQUIRING TITLE to the following named avenue and street in the

**BOROUGH OF BROOKLYN:**

**TWENTY-NINTH AND THIRTY-SECOND**

**WARDS, SECTIONS 12 and 15.**

**CHURCH AVENUE—OPENING** from

Church Avenue to East Ninety-eighth Street. Confirmed March 31, 1915; entered April 22, 1915. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line midway between Linden Avenue and Church Avenue as these streets are laid out adjoining East Ninety-eighth Street, distant 100 feet northeasterly from the northeasterly line of East Ninety-eighth street, the said distance being measured at right angles to East Ninety-eighth Street, and running thence southeastwardly and parallel with East Ninety-eighth Street to the intersection with the prolongation of a line midway between Church Avenue and Avenue A; thence southwestwardly along the said line midway between Church Avenue and Avenue A, and along the prolongation of the said line to the intersection with the prolongation of a line midway between Church Avenue and Snyder Avenue as these streets are laid out between East Fifty-ninth Street and Ralph Avenue; thence westwardly along the said line midway between Church Avenue and Snyder Avenue, and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Brooklyn Avenue, the said distance being measured at right angles to Brooklyn Avenue; thence northwardly and parallel with Brooklyn Avenue to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out adjoining East Ninety-eighth street; thence northwardly along the said line midway between Church Avenue and Linden Avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Church Avenue and Linden Avenue as these streets are laid out between East Fifty-eighth street and East Fifty-ninth street; thence easterly along the said line midway between Church Avenue



Area of assessment affects property known as Lot 51, Block 2965.

**RECEIVING BASIN ON WEST SIDE OF JEROME AVENUE**, opposite East Two Hundred and Fourth street; on the northwest corner of JEROME AVENUE AND WEST ONE HUNDRED AND NINETEENTH STREET; west side of JEROME AVENUE opposite EAST ONE HUNDRED AND NINETEENTH STREET, and southwest corner of JEROME AVENUE AND WEST TWO HUNDREDTH STREET. Area of assessment affects property known as Lot 1 and 2 in Block 3246.

That the same were confirmed by the Board of Assessors on April 20, 1915, and entered April 20, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Bergen Building, fourth floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 19, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 20, 1915. a26,m6

#### NOTICE TO PROPERTY OWNERS.

**IN PURSUANCE OF SECTION 1018 OF THE** Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS IN THE BOROUGH OF QUEENS:

**SECOND WARD.**  
**CHARLES PLACE—REGULATING, GRADING, LAYING SIDEWALKS AND CROSSWALKS** from Clermont Avenue to Rust Street. Area of assessment: both sides of Charles Street from Clermont Avenue to Rust Street and to the extent of half the block at the intersecting streets and avenues.

**CORNELIA STREET—REGULATING, GRADING, CURBING AND FLAGGING** between Forest Avenue and Anthon Avenue. Area of assessment: both sides of Cornelia Street from Forest Avenue to Anthon Avenue and to the extent of half the block at the intersecting avenues.

**HILL STREET—REGULATING, GRADING, CURBING AND LAYING SIDEWALKS AND CROSSWALKS** from Clermont Avenue to Rust Street. Area of assessment: both sides of Hill Street from Clermont Avenue to Rust Street and to the extent of half the block at the intersecting streets and avenues.

**THIRD WARD.**  
**CENTRAL AVENUE—LAYING SIDEWALKS** between Sanford and Madison avenues. Area of assessment: Both sides of Central Avenue from Sanford and Madison avenues and to the extent of half the block at the intersecting avenues.

That the same were confirmed by the Board of Assessors on April 20, 1915, and entered April 20, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 19, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 20, 1915. a26,m6

#### NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

**IN PURSUANCE OF SECTION 1005 OF THE** Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessment for OPENING AND ACQUIRING TITLE TO THE FOLLOWING NAMED AVENUE IN THE BOROUGH OF THE BRONX:

**TWENTY-FOURTH WARD, SECTION 11.**  
**EDEN AVENUE—OPENING**, from East One Hundred and Seventy-second Street to East One Hundred and Seventy-fourth Street. Confirmed Dec. 29th, 1911, and Feb. 3, 1913. Entered April 19, 1915. Area of Assessment: all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the intersection of the Concourse with the westerly side of Morris avenue, and running thence southwardly along the westerly side of Morris avenue to the northwesterly side of College avenue; thence southwesterly along the northwesterly side of College avenue to the northwesterly side of East One Hundred and

Seventy-first street; thence northwesterly along the northwesterly side of East One Hundred and Seventy-first street to the southeasterly side of Sheridan avenue; thence northwesterly and northwardly along the easterly side of Sheridan avenue to a point one hundred feet south of the southerly side of Belmont street; thence westwardly along a line one hundred feet south of the southerly side of Belmont street and parallel therewith to the easterly side of the Grand Boulevard and Concourse; thence northwesterly along the southeasterly side of the Grand Boulevard and Concourse to the westerly side of Morris avenue, the place of beginning.

That the same was entered on the day hereinafore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above 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 Bergen Building, fourth floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 18, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 19, 1915. a26,m6

#### 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:

**TENTH WARD, SECTION 2.**  
**CANAL STREET—REGULATING, GRADING, CURBING, FLAGGING AND PAVING** the portion recently widened between Bowers and Chrystie Street. Area of assessment affects property on both sides of Canal Street between Bowers and Chrystie Street, including blocks Nos. 290 and 303.

That the same was confirmed by the Board of Assessors on April 13, 1915, and entered April 13, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "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, north side, third floor, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 12, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 13, 1915. a21,m1

#### 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:

**EIGHTH WARD, SECTION 3.**  
**FIRST AVENUE**, westerly side, RECEIVING BASIN, about 187 feet north of Fifty-eighth street. Area of assessment affects Blocks Nos. 827, 835 and 843, bordering on First Avenue.

**FOURTEENTH AND SEVENTEENTH WARDS, SECTIONS 8 AND 9.**  
**FRANKLIN STREET—REGULATING, GRADING, CURBING, FLAGGING AND PAVING** that portion now occupied by a bridge, beginning at a point 140 feet east of North Thirtieth street and extending easterly a distance of 110 feet. Area of assessment: Both sides of Franklin street for the above distance and extending through half the intersecting blocks.

That the same were confirmed by the Board of Assessors on April 13, 1915, and entered on April 13, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau

for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Offerman Building, 503 Fulton street, 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 June 12, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 13, 1915. a21,m1

#### 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 QUEENS:

**SECOND WARD.**  
**HULL AVENUE—REGULATING, GRADING, CURBING AND FLAGGING**, from Mueller street to Willow avenue. Area of assessment: Both sides of Hull Avenue from Willow avenue to Mueller street and to the extent of half the block at the intersecting streets and avenues.

**FOURTH WARD.**  
**UNION PLACE—REGULATING, GRADING, LAYING SIDEWALKS AND CROSSWALKS**, east side, from Jamaica Avenue to Tulip street, also on south side of JAMAICA AVENUE from the Rockaway Division of the L. I. R. R. to Freedom Avenue (Union Place). Area of assessment: Both sides of Union Place (Freedom Avenue) and south side of Jamaica Avenue, as above described, including properties in Blocks Nos. 162, 163, 164, 176, 180 and 181.

**CREED AVENUE—REGULATING AND GRADING SIDEWALK SPACES** from Whittier street to Sigourney street, and from Sedgwick street to Hempstead and Jamaica Turnpike; and on easterly side of Creed Avenue from a point 100 feet north of Paulding street to a point opposite Whittier street; and on westerly side of SPRINGFIELD ROAD from Hempstead and Jamaica Turnpike to a point opposite Preston Avenue. Area of assessment: Both sides of Creed Avenue from Whittier street to Irving street and east side from Irving street to a point about 108 feet southerly; west side of Creed Avenue from Sedgwick street to Hempstead and Jamaica Turnpike and Jamaica Turnpike to Preston Avenue.

That the same were confirmed by the Board of Assessors on April 13, 1915, and entered on April 13, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 12, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 13, 1915. a21,m1

#### 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 THE BRONX:

**TWENTY-FOURTH WARD, SECTION 11.**  
**EAST ONE HUNDRED AND NINETEENTH STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES**, from Jerome Avenue to Creston Avenue. Area of assessment: both sides of East One Hundred and Nineteenth street from Jerome Avenue to Creston Avenue and to the extent of half the block at the intersecting avenues.

That the same was confirmed by the Board of Assessors on April 13, 1915, and entered April 13, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "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 Bergen Building, fourth floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 12, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 13, 1915. a21,m1

#### 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.**  
**EAST TWENTY-THIRD STREET—REPAIRING PAVEMENT** in front of Nos. 424 and 426. Area of assessment: South side of East Twenty-third street, 219 feet west of Avenue A, known as Lot 42 in Block 954.

**TWENTY-SIXTH WARD, SECTION 4.**  
**TWENTY-FIFTH STREET—REPAIRING PAVEMENT** in front of No. 206. Area of assessment affects property known as Lot 28, Block 1156.

The above assessments were certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

That the same were entered on April 16, 1915, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, north side, third floor, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 15, 1915, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, April 16, 1915. a21,m1

#### DEPARTMENT OF PARKS.

##### Proposals.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Park Board at the office of the Department of Parks, Municipal Building, Borough of Manhattan, until 3 o'clock p. m., on **THURSDAY, MAY 6, 1915,**

**Borough of The Bronx.**  
**FOR FURNISHING ALL LABOR AND MATERIALS FOR SURFACING WITH ASPHALTIC CONCRETE THE CITY ISLAND ROAD FROM THE EASTERN BOULEVARD TO THE CITY ISLAND BRIDGE IN PELHAM BAY PARK, IN THE BOROUGH OF THE BRONX, IN THE CITY OF NEW YORK.**

The time allowed for the completion of the contract is ninety (90) calendar days.

The amount of security required is Ten thousand dollars (\$10,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and other information may be obtained at the office of the Department of Parks, 230 Broadway, Manhattan, Borough of The Bronx.

**CABOT WARD, President; THOS. S. WHITTLE, RAYMOND V. INGERSOLL, JOHN E. WEIER, Park Commissioners.** a26,m6

**See General Instructions to Bidders on last page, last column, of the "City Record."**

##### Auction Sale.

**THE COMMISSIONER OF PARKS, BOR-** oughs of Manhattan and Richmond, will sell at Public Auction, through Daniel Greenwald, Auctioneer, on

**THURSDAY, MAY 6, 1915,**

at 10 o'clock A. M. at the 97th St. Yard, Central Park.

**ABOUT 100 TONS (MORE OR LESS)** SCRAP IRON, NOW AT THE 97TH ST. YARD IN CENTRAL PARK (ENTRANCE 97TH ST. AND TRANSVERSE RD.).

The purchase price to be paid in cash or certified check at the time of sale. Purchasers must remove the lot of scrap iron from the Park within fifteen days after sale, and to secure such removal the purchaser thereof will be required to make at the time of sale a cash deposit of Two Hundred (\$200) dollars, which will be returned if all of the material is removed as specified, otherwise it will be forfeited to the Department, and the Department may cause the material to be removed or resold.

**CABOT WARD, Commissioner of Parks, Boro's of Man. & Rich.** a24,m6

#### DEPARTMENT OF EDUCATION.

##### Proposals.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

**MONDAY, MAY 10, 1915,**

**Borough of Brooklyn.**

**NO. 1.—FOR SANITARY ALTERATIONS AT PUBLIC SCHOOLS 3, 33, 35, 54, 55, 66, 75, 84 AND 122, BOROUGH OF BROOKLYN.**

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows: P. S. 3, Item 1, \$800; P. S. 3, Item 2, \$600; P. S. 33, \$300; P. S. 35, Item 1, \$1,000; P. S. 35, Item 2, \$800; P. S. 54, Item 1, \$1,200; P. S. 54, Item 2, \$800; P. S. 55, Item 1, \$800; P. S. 55, Item 2, \$800; P. S. 66, \$300; P. S. 75, \$600; P. S. 84, \$400; P. S. 122, \$400.

The deposit accompanying bid on each item for each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each item for each school and award will be made thereon.

**NO. 2.—FOR ITEM 1, INSTALLING HEATING AND VENTILATING APPARATUS, AND ITEM 2, INSTALLING TEMPERATURE REGULATION IN ADDITION TO PUBLIC SCHOOL 18, ON THE NORTHEASTLY CORNER OF MAUIER AND LEONARD STREETS, BOROUGH OF BROOKLYN.**

The time allowed to complete the whole work



on each item shall be one hundred (100) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$1,200; Item 2, \$1,000.

A separate proposal must be submitted for each item and award will be made thereon.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

NO. 3:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 62, 72, 76, 89, 91, 92, 108, 109, 119, 120, 149, 159, ERASMUS HALL, HIGH SCHOOL AND TRUANT SCHOOL, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows:  
P. S. 62, \$800; P. S. 72, \$500; P. S. 76, \$500; P. S. 89, \$300; P. S. 91, \$400; P. S. 92, \$400; P. S. 108, \$1,000; P. S. 109, \$1,200; P. S. 119, \$800; P. S. 120, \$300; P. S. 149, \$400; P. S. 159, \$600; E. H. S., \$1,400; T. S., \$600.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school and award will be made thereon.

NO. 4:—FOR PERMANENT EQUIPMENT OF TOOLS AND APPARATUS (ITEMS 1 TO 5, INC.) FOR BUSHWICK HIGH SCHOOL, ON THE SOUTHERLY SIDE OF IRVING AVENUE, ABOUT 260 FEET WEST OF PUTNAM AVENUE, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work of each item will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$1,600; Item 2, \$600; Item 3, \$1,400; Item 4, \$400; Item 5, \$200.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 1, 2, 3 and 4 the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 5:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 1, 3, 8, 16, 23, 38, 41, 44, 95, 106, 114 AND 130, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows:  
P. S. 1, \$1,000; P. S. 3, \$400; P. S. 8, \$300; P. S. 16, \$400; P. S. 23, \$300; P. S. 38, \$200; P. S. 41, \$500; P. S. 44, \$500; P. S. 95, \$400; P. S. 106, \$200; P. S. 114, \$400; P. S. 130, \$400.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school and award will be made thereon.

On Nos. 5 and 6, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 6:—FOR FURNITURE, ETC., FOR ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VRELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$600; Item 2, \$300; Item 3, \$500; Item 4, \$300; Item 5, \$300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 5 and 6, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 7:—FOR FURNITURE, ETC., FOR ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VRELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$600; Item 2, \$300; Item 3, \$500; Item 4, \$300; Item 5, \$300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 5 and 6, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 8:—FOR FURNITURE, ETC., FOR ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VRELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$600; Item 2, \$300; Item 3, \$500; Item 4, \$300; Item 5, \$300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 5 and 6, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 9:—FOR FURNITURE, ETC., FOR ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VRELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$600; Item 2, \$300; Item 3, \$500; Item 4, \$300; Item 5, \$300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 5 and 6, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 10:—FOR FURNITURE, ETC., FOR ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VRELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$600; Item 2, \$300; Item 3, \$500; Item 4, \$300; Item 5, \$300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 5 and 6, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 28, 1915. a28,m10

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 10, 1915, Borough of Manhattan.

NO. 11:—FOR FURNITURE, ETC., FOR ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VRELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$600; Item 2, \$300; Item 3, \$500; Item 4, \$300; Item 5, \$300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

School Supplies, Board of Education, the Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated, April 23, 1915. a24,m6

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the office of the Department of Education, Park ave. and 59th st., Borough of Manhattan, until 11 A. M., on

THURSDAY, MAY 6, 1915.

FOR FURNISHING AND DELIVERING TO THE DEPARTMENT OF EDUCATION, 84,160 GROSS-TONS OF ANTHRACITE COAL, MORE OR LESS, AND 4,700 GROSS-TONS OF SEMI-BITUMINOUS COAL, MORE OR LESS, FOR USE IN THE SCHOOLS, IN THE CITY OF NEW YORK, AND FOR THE SEVERAL OFFICES AND DEPARTMENTS THEREOF.

The time for the delivery of said coal and supplies and the performance of the contract is by or before March 31, 1916.

The amount of security required is thirty (30%) per cent. of the amount of the contract.

The bidder will state the price per gross ton, by which the bids will be tested.

Separate bids must be submitted for each Borough, or each District, or item by item.

Contracts will, if awarded, be awarded to the lowest bidder for each Borough, or each District, or item by item, if deemed for the best interest of the City.

The Board of Education reserves the right to award the contracts by Borough, or by district, or item by item, if deemed for the best interest of the City.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated, April 24, 1915. a24,m6

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 3, 1915, Borough of Brooklyn.

NO. 1:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 24, 25, 26, 36, 43, 52, 53, 55, 57, 68, 74, 75, 79, 86, 88, 117, 123, 129, 141, 145, 147, 148 AND 162, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows:  
P. S. 24, \$1,000; P. S. 25, \$800; P. S. 26, \$1,200; P. S. 36, \$500; P. S. 43, \$500; P. S. 52, \$200; P. S. 53, \$1,200; P. S. 55, \$500; P. S. 57, \$300; P. S. 68, \$200; P. S. 74, \$200; P. S. 75, \$600; P. S. 79, \$300; P. S. 86, \$400; P. S. 88, \$200; P. S. 117, \$1,000; P. S. 123, \$1,000; P. S. 129, \$600; P. S. 141, \$600; P. S. 145, \$600; P. S. 147, \$1,200; P. S. 148, \$1,000; P. S. 162, \$1,500.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school and award will be made thereon.

On Nos. 1 and 2, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 21, 1915. a21,m3

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 3, 1915, Borough of Brooklyn.

NO. 2:—FOR FURNITURE, ETC., FOR NEW PUBLIC SCHOOL 169, ON THE EASTERLY SIDE OF 7TH AVENUE, BETWEEN 43RD AND 44TH STREETS, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows:  
Item 1, \$1,200; Item 2, \$600; Item 4, \$400; Item 5, \$300; Item 6, \$200.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On Nos. 1 and 2, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 21, 1915. a21,m3

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 3, 1915, Borough of Brooklyn.

NO. 3:—FOR INSTALLING ELECTRIC EQUIPMENT IN THE ADDITION TO AND ALTERATIONS IN PUBLIC SCHOOL 12, ON THE SOUTHWESTERLY CORNER OF BENSON AND FRISBY AVENUES, WESTCHESTER, BOROUGH OF THE BRONX.

The time allowed to complete the whole work will be one hundred (100) working days, as provided in the contract.

The amount of security required is Two Thousand (\$2,000) Dollars.

The deposit accompanying bid shall be five per centum of the amount of security.

A separate proposal must be submitted for each item and award will be made thereon.

On No. 3, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 21, 1915. a21,m3

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 3, 1915, Borough of Brooklyn.

NO. 4:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 20, 27, 29, 31, 34, 49, 79, JAMAICA HIGH SCHOOL, JAMAICA TRAINING SCHOOL AND NEW YORK PARENTAL SCHOOL, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows:  
P. S. 20, \$400; P. S. 27, \$100; P. S. 29, \$100; P. S. 31, \$100; P. S. 34, \$100; P. S. 49, \$300; P. S. 79, \$300; J. H. S., \$400; J. T. S., \$300; N. Y. P. S., \$2,000.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school and award will be made thereon.

On No. 3, the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

On No. 4, the bidders must state the price of each item, by which the bids will be tested. Award of contract will be made to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, APRIL 21, 1915. a21,m3

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the office of the Department of Education, Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, MAY 3, 1915, Borough of Brooklyn.

NO. 5:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 20, 2



to samples and affidavit, as required by the specifications.

NO. 8. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 27TH STREET FROM THE W. S. 10TH AVENUE TO THE E. S. 11TH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THEREON.

Engineer's Estimate of the Amount of Work to be Done:

- 10 Cu. Yds. Earth excavation for sewer apertures.
- 10 Cu. Yds. Rock excavation for sewer apertures.
- 10 Cu. Yds. Backfilling in excavation for sewer apertures.
- 1,440 Lin. Ft. New 5" bluestone curbstone.
- 10 Lin. Ft. New 6" Granite corner curbstone.
- 160 Lin. Ft. Old bluestone curb, redressed.
- 10 Sq. Ft. Concrete sidewalk, Class A.
- 530 Cu. Yds. Concrete.
- 2,700 Sq. Yds. Granite block pavement.
- 10 Sq. Yds. Sheet asphalt pavement in approaches.

- 4 Sewer manhole heads.
- 6 Covers for sewer manholes.
- 2 Rings for sewer manholes.
- 3 Cu. Yds. Brick masonry.
- 20,000 Old stone blocks to be delivered by contractor at Corporation Yard.

- 1 Sluice basin, Type A.
- 1 Sluice basin, Type B.
- 40 Lin. Ft. Vitrified pipe, 12" diam.
- 1,000 Ft. B. M. Planking on concrete.

The time allowed for the full completion of the work will be twenty-five (25) consecutive working days.

The amount of security required will be \$3,500 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 9. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 32ND STREET FROM W. S. 1ST AVENUE TO E. S. 2ND AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THEREON.

Engineer's Estimate of the Amount of Work to be Done:

- 10 Cu. Yds. earth excavation for sewer apertures.
- 10 Cu. Yds. rock excavation for sewer apertures.
- 10 Cu. Yds. backfilling in excavation for sewer apertures.
- 940 Lin. Ft. new 5" bluestone curbstone.
- 10 Lin. Ft. new 6" New Granite Corner curbstone.
- 400 Lin. Ft. Old Bluestone curb, redressed.
- 10 Sq. Ft. Concrete sidewalk, Class A.
- 2,230 Sq. Yds. Granite block pavement.
- 3 Sewer Manhole heads.
- 3 Covers for sewer manholes.
- 1 Ring for sewer manholes.
- 3 Cu. Yds. Brick masonry.
- 1 Sluice basin, Type A.
- 1 Sluice basin, Type B.
- 40 Lin. Ft. Vitrified pipe, 12" diam.
- 1,000 Ft. B. M. Planking on concrete.

The time allowed for the full completion of the work will be twenty-eight (28) consecutive working days.

The amount of security required will be Three thousand (\$3,000) dollars, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 10. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 40TH STREET FROM THE W. S. 1ST AVENUE TO THE E. S. 2ND AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THEREON.

Engineer's Estimate of the Amount of Work to be Done:

- 1,070 Lin. Ft. New Bluestone curbstone, 5".
- 10 Lin. Ft. New Granite corner curbstone, 6".
- 270 Lin. Ft. Old bluestone curb, redressed.
- 10 Sq. Ft. Concrete Sidewalk, Class A.
- 440 Cu. Yds. Concrete.
- 2,230 Sq. Yds. Granite block pavement.
- 2 Sewer manhole heads.
- 3 Covers for sewer manholes.
- 1 Ring for sewer manholes.
- 3 Cu. Yds. Brick masonry.
- 1,000 Ft. B. M. Planking on concrete.
- 1 Basin head to be adjusted.

The time allowed for the full completion of the work will be twenty-eight (28) consecutive working days.

The amount of security required will be \$2,500 and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

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 articles, by which the bids will be tested. The extensions must be made and footed up.

Blank forms and specifications may be had at the office of the Commissioner of Public Works, Bureau of Highways, Room 2124, Municipal Building, Borough of Manhattan.

MARCUS M. MARKS, President.  
Apr. 24, 1915.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan, at Room 2034, Municipal Building, until 2 o'clock p. m., on

WEDNESDAY, MAY 5, 1915.

FOR FURNISHING AND DELIVERING 2,500 ENAMELED PLATES FOR STREET SIGNS.

The time allowed for the completion of the contract will be Sixty (60) consecutive calendar working days.

Points of delivery are to be as called for in the contract.

The amount of security required for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded. The deposit required shall be in an amount of not less than one and one-half (1½) per cent. of the total amount of the bid.

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 articles, by which the bids will be tested. The extensions must be made and footed up.

Blank forms and specifications may be had at the office of the Auditor, offices of the Commissioner of Public Works, Room 2141, Municipal Building, Borough of Manhattan.

MARCUS M. MARKS, President.  
Apr. 24, 1915.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan, at Room 2034, Municipal Building, until 2 o'clock p. m., on

WEDNESDAY, MAY 5, 1915.

FOR FURNISHING, DELIVERING, STORING AND TRIMMING 650,000 POUNDS OF EGG COAL, TO BE DELIVERED AT THE ASPHALT PLANT, 90TH AND 91ST STREETS AND EAST RIVER, BOROUGH OF MANHATTAN.

The time allowed for the completion of the contract will be until December 31, 1915.

The amount of security required will be Seven Hundred Dollars (\$700), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder will state the price of each item or article contained in the specifications or schedules annexed, per pound.

The extensions must be made and footed up, as the bids will be read from the total and the award made to the lowest bidder. The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and specifications may be obtained at the office of the Auditor, offices of the Commissioner of Public Works, Room 2141, 21st floor, Municipal Building, Borough of Manhattan.

MARCUS M. MARKS, President.  
City of New York, Apr. 24, 1915.

See General Instructions to Bidders on last page, last column, of the "City Record."

## BOARD OF ESTIMATE AND APPOINTMENT.

### Notices of Public Hearings.

#### FRANCHISE MATTERS.

PUBLIC NOTICE IS HEREBY GIVEN THAT the consideration of the communication from the Public Service Commission for the First District transmitting, for the approval and consent of this Board, certified copy of resolutions adopted by said Commission April 13, 1915, amending the route and general plan of construction for the Manhattan-Brooklyn Rapid Transit Railroad (Contract No. 2—Brooklyn Extension of "The Subway") so as to provide for a passageway and station approach in and under Pine Street for a distance of about 160 feet, on Pine Street from the easterly building line of Broadway, to connect the Wall Street Station with the new Equitable Building, which consideration was, by resolution adopted April 16, 1915, fixed for this day, was continued until Friday, April 30, 1915, at ten o'clock A. M., in Room 16, City Hall, Borough of Manhattan, when and where all citizens interested will have an opportunity to be heard.

JAMES D. MCGANN, Assistant Secretary, Room 1307, Municipal Building, Borough of Manhattan, Telephone, 4560 Worth.

Dated, New York, April 23, 1915. a26.30

PUBLIC NOTICE IS HEREBY GIVEN THAT the public hearing, in accordance with the provisions of Sections 525 and 527 of the Greater New York Charter, of all persons interested, in order that this Board may determine whether, in its opinion, the electrical conductors in White Plains Road between Gun Hill Road and 242nd Street, and in Gun Hill Road between Webster Avenue and the Boston Post Road, shall be placed underground, which hearing was, by resolution adopted July 30, 1914, fixed for September 21, 1914, and was continued from time to time until Wednesday, November 25, 1914, when it was continued until December 18, 1914, when it was continued until January 8, 1915, when it was continued until February 5, 1915, when it was continued until April 2, 1915, and subsequently fixed for April 1, 1915, was on that day continued until April 30, 1915, at 10 o'clock A. M., in Room 16, City Hall, Borough of Manhattan, at which time and place all persons interested will be afforded an opportunity to appear and be heard.

JAMES D. MCGANN, Assistant Secretary, Room 1307, Municipal Building, Telephone 4560 Worth.

Dated, New York, April 1, 1915. a5.8.12.15.19.22 to 30

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day, the following resolutions were adopted:

Whereas, The Far Rockaway Transportation Company, Inc., has by a petition dated June 15, 1914, applied to this Board for the right and privilege to maintain and operate a stage or omnibus route for public use upon a line along Central Avenue and South Street in the former Village of Far Rockaway, and upon and along Cornaga Avenue, Sea View Avenue, Atlantic Avenue and Washington Avenue, in the section known as Rockaway Park, and upon and along Mott Avenue in the former Village of Far Rockaway, all in the Borough of Queens; and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter, as amended by Chapters 629 and 630 of the Laws of 1905, and Chapter 467 of the Laws of 1914, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on July 2, 1914, fixing the date for public hearing thereon as September 18, 1914, at which citizens were entitled to appear and be heard, and by resolution adopted July 30, 1914, said hearing was continued to September 21, 1914, and publication was had for at least two (2) days, in the "New York Herald" and "The Sun" newspapers designated by the Mayor, and in the "City Record" for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on said last-named day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to the Far Rockaway Transportation Company, Inc., and the adequacy of the compensation to be paid therefor; now, therefore, it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the Far Rockaway Transportation Company, Inc., containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

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

PROPOSED FORM OF CONTRACT.

THIS CONTRACT, made and executed in duplicate this day of \_\_\_\_\_, 19\_\_\_\_, by and between THE CITY OF NEW YORK (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the FAR ROCKAWAY TRANSPORTATION COMPANY, Inc. (hereinafter called the Company), party of the second part, WITNESSETH:

In consideration of the mutual covenants and

agreements herein contained, the parties hereto do hereby covenant and agree as follows:

SECTION 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right and privilege to maintain and operate a stage or omnibus route for public use in the Borough of Queens in the City of New York, upon the following routes, to wit:

1. Beginning in Central Avenue at its intersection with City Line at or near McNeil Avenue, thence along Central Avenue to South Street, thence along South Street to Rue de St. Felix Street; all in the former Village of Far Rockaway, Borough of Queens.
2. Beginning in the former Village of Far Rockaway, at the intersection of Central Avenue and Cornaga Avenue, thence along Cornaga Avenue to Sea View Avenue, thence along Sea View Avenue to Atlantic Avenue, thence along Atlantic Avenue and the Boulevard to Washington Avenue, thence along Washington Avenue to Fifth Avenue, in the section known as Rockaway Park in the Borough of Queens.
3. Beginning in Mott Avenue at its intersection with Point Breeze Place, thence along Mott Avenue to Central Avenue; all in the former Village of Far Rockaway, Borough of Queens.

And to cross such other streets and avenues, named and unnamed, as may be enclosed in said routes.

The said routes hereby authorized are shown upon a map entitled:

"Map showing the proposed stage or omnibus routes of the Far Rockaway Transportation Company, Inc., in the Borough of Queens, City of New York, to accompany petition to the Board of Estimate and Apportionment."

Dated June 15, 1914.

and signed by Herman Bose, Jr., Secretary and Treasurer.

a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed; provided that temporary deviations therefrom may be permitted as hereinafter set forth.

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

First—The said right to maintain or operate said stage or omnibus routes shall be held and enjoyed by the Company for the term of ten (10) years from the date upon which this contract is signed by the Mayor, with the privilege of renewal of said contract for the further period of five (5) years upon a fair revaluation of such right and privilege. Such right and privilege shall be valued as if the Company had not exercised the same for the said period of ten (10) years, and no allowance shall be made to the Company in such valuation by reason of such exercise.

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

If the Company and the Board shall not reach such agreement on or before the day one (1) year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding five (5) years shall be reasonable, and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, unless the Board shall, during the original term of this contract, permit another company or an individual to operate stages or omnibuses over all or a portion of the routes herein authorized, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested persons selected in the following manner.

One disinterested person shall be chosen by the Board; one disinterested person shall be chosen by the Company; the two so chosen shall choose a third disinterested person. The decision under oath of any two of such persons, who shall be so selected, shall be final and conclusive.

If either the Company or the City fails to appoint an arbitrator as herein provided, or should the first two arbitrators fail to agree on the selection of the third arbitrator within thirty (30) days after the first two arbitrators shall be chosen, or if no two arbitrators so selected shall agree upon the valuation of such property within sixty (60) days after the arbitrators shall be so selected, then such valuation may be fixed by a commissioner appointed by the Supreme Court on the application of either party.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in any way notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents; and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Seventh—The Company shall commence operation within three (3) months from the date on which this contract is signed by the Mayor; provided that such period may be extended by the Board for a period or periods not exceeding in the aggregate six (6) months; and provided, further, that when the commencement of said operation shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement of such operation may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board, the Company shall, in writing, consent that the Board, either in its own name as a party, or in the name of the City as a party, may intervene in any such proceeding.

Eighth—Nothing herein contained shall be construed as permitting the grantee to erect any structures whatever upon City streets, and the Company shall not construct or maintain any fixture or structure in the street unless especially authorized by resolution of the Board.

Ninth—All vehicles which may be operated pursuant to this contract shall comply with the following general requirements:

1. They shall be propelled by power generated or contained within the vehicle itself, but no power shall be used which will in its generation or use produce smoke or noxious odors sufficient in the opinion of the Board or its authorized representatives to constitute a nuisance.
2. The maximum weight, including fuel, water, oil or any other material or any accessories used in operation, shall not exceed nine thousand five hundred (9,500) pounds.
3. The seating space shall not be more than that sufficient to accommodate forty (40) adults.
4. The maximum width shall not exceed seven feet two inches (7'2").
5. The maximum height shall not exceed eleven feet eight inches (11'8").
6. The maximum length shall not exceed twenty-four feet (24').
7. They shall be designed and constructed in a manner which will permit ease and freedom of movement under all conditions.
8. The distribution of weight on axles, length of wheel base and other features of design shall be such as to avoid skidding as far as possible and shall be such as to permit easy steering and control.
9. They shall be fitted with brakes capable of stopping and holding the same under all conditions.
10. They shall be so constructed that the oil or grease cannot drop on the roadway.

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

- (a) The sum of five hundred dollars (\$500) in cash within thirty (30) days after the date on which this contract is signed by the Mayor.
- (b) During the first term of one (1) year a sum which shall be equal to five (5) per cent. of its gross receipts, but which sum shall not be less than five hundred dollars (\$500).

During the succeeding term of four (4) years an annual sum which shall be equal to five (5) per cent. of its gross annual receipts, but which sum shall not be less than fifteen hundred dollars (\$1,500).

During the remaining term of five (5) years, an annual sum which shall be equal to five (5) per cent. of its gross annual receipts, but which sum shall not be less than two thousand dollars (\$2,000).

The gross annual receipts mentioned above shall be the gross receipts of the Company from all sources within the limits of the City and for the purpose of determining such gross annual receipts, the Company shall keep accurate ac-

counts of all fares collected within the limits of the City.

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

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

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

Third—The annual charges or payments shall continue throughout the whole term of this contract, notwithstanding any clause in any statute or in the charter of any other company providing for payment for similar rights or franchises at a different rate.

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

Fifth—At the termination or forfeiture of this grant, the City, at the election of the Board, shall have the right to purchase all or any part of the property of the Company used for the purpose of the operation of the stage or omnibus system hereby authorized at a sum equal to a fair valuation of such property, exclusive of any value which such property may have by reason of this contract.

If the Company and the City cannot agree upon a fair valuation of such property, then the valuation thereof shall be determined and fixed by three arbitrators selected in the following manner:

One disinterested person shall be chosen by the Company; one disinterested person shall be chosen by the Board, and the two so chosen shall choose a third disinterested person. The decision under oath of any two of such persons, who shall be so selected, shall be final and conclusive.

If either the Company or the City fails to appoint an arbitrator as herein provided, or should the first two arbitrators fail to agree on the selection of the third arbitrator within thirty (30) days after the first two arbitrators shall be chosen, or if no two arbitrators so selected shall agree upon the valuation of such property within sixty (60) days after the arbitrators shall be so selected, then such valuation may be fixed by a commissioner appointed by the Supreme Court on the application of either party.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in any way notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents; and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Seventh—The Company shall commence operation within three (3) months from the date on which this contract is signed by the Mayor; provided that such period may be extended by the Board for a period or periods not exceeding in the aggregate six (6) months; and provided, further, that when the commencement of said operation shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement of such operation may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board, the Company shall, in writing, consent that the Board, either in its own name as a party, or in the name of the City as a party, may intervene in any such proceeding.

Eighth—Nothing herein contained shall be construed as permitting the grantee to erect any structures whatever upon City streets, and the Company shall not construct or maintain any fixture or structure in the street unless especially authorized by resolution of the Board.

Ninth—All vehicles which may be operated pursuant to this contract shall comply with the following general requirements:

1. They shall be propelled by power generated or contained within the vehicle itself, but no power shall be used which will in its generation or use produce smoke or noxious odors sufficient in the opinion of the Board or its authorized representatives to constitute a nuisance.
2. The maximum weight, including fuel, water, oil or any other material or any accessories used in operation, shall not exceed nine thousand five hundred (9,500) pounds.
3. The seating space shall not be more than that sufficient to accommodate forty (40) adults.
4. The maximum width shall not exceed seven feet two inches (7'2").
5. The maximum height shall not exceed eleven feet eight inches (11'8").
6. The maximum length shall not exceed twenty-four feet (24').
7. They shall be designed and constructed in a manner which will permit ease and freedom of movement under all conditions.
8. The distribution of weight on axles, length of wheel base and other features of design shall be such as to avoid skidding as far as possible and shall be such as to permit easy steering and control.
9. They shall be fitted with brakes capable of stopping and holding the same under all conditions.
10. They shall be so constructed that the oil or grease cannot drop on the roadway.



11. All parts shall be so constructed that no undue noise or vibration shall result from operation.

**Tenth**—No stage or omnibus shall be operated pursuant to this contract unless there shall be painted thereon in letters sufficiently large to be clearly visible for a distance of seventy-five feet:

(a) The name of the Company owning and operating such vehicle.

(b) The number of the vehicle which is assigned to it upon receiving the approval of the Board or its authorized representatives.

(c) The number of adults for which the vehicle has seating space.

**Eleventh**—No advertising signs shall appear on the outside of any stage or omnibus.

**Twelfth**—The destination of each stage or omnibus shall be plainly indicated on the front of the vehicle, and shall be illuminated at night.

**Thirteenth**—The number of passengers to be carried in any vehicle shall at no time exceed the seating capacity of the vehicle.

**Fourteenth**—The inclosed portion of all stages or omnibuses which are operated on said routes shall be heated during the cold weather in conformity with such laws and ordinances as are now in force affecting surface railway cars or such laws and ordinances affecting stages or omnibuses as may hereafter, during the term of this contract, be in force, or as may be required by resolution of the Board.

**Fifteenth**—The inclosed portion of all stages or omnibuses operated on said routes shall be well lighted or as may be required by resolution of the Board.

**Sixteenth**—Before any stage or omnibus is put in service it must be submitted to the Board or its authorized representatives and receive the approval thereof. If any vehicle which may be so submitted for approval shall not conform with the requirements herein or should any such vehicle for any reason be considered by the Board or its authorized representatives unfit for public use, then the Board or its authorized representatives may refuse such approval, in which case the Company shall not operate such vehicle. If after a vehicle shall have been so approved, defects develop which in the opinion of the Board or its authorized representatives render it unsuitable for public service, then the Board or its authorized representatives may require the withdrawal of such vehicle from service.

Upon being approved by the Board or its authorized representatives, each vehicle shall be given a number which shall not be changed so long as such vehicle shall be operated by the Company, unless and until the Company shall notify the Board that it proposes to change the number of the vehicle and of the new number which it is proposed to use.

**Seventeenth**—All vehicles operated pursuant to this grant shall be maintained in good and safe repair and in a manner which will in all ways render the vehicle fit for public service. The Company shall permit the Board or its authorized representatives to inspect at all reasonable times any or all the vehicles used by the Company. If upon inspection any vehicle shall appear in the judgment of said Board or its authorized representatives to be unfit for public service, then the Company shall, upon notice, immediately withdraw such vehicle from service, and shall remedy the defect and notify the Board or its authorized representatives that the defect has been remedied before such vehicle shall be restored to service.

**Eighteenth**—All laws and ordinances affecting the operation of stages or omnibuses now in force or which may be in force during the term of this contract shall be complied with by the Company. The Company shall also comply with and enforce the carrying out of any orders or regulations which may be issued by the Board, designed for the protection of persons, of property or of the comfort and health of the public.

**Nineteenth**—The rate of fare for any passenger upon any stage or omnibus route herein authorized shall not exceed ten (10) cents, and the Company shall not charge any passenger more than ten (10) cents for one continuous ride from any point on any of the stage or omnibus routes hereby authorized to any other point on any of said routes.

**Twentieth**—Stages or omnibuses shall be run on said routes at intervals of not more than thirty (30) minutes during the period of each day between 6 o'clock a. m. and 12 o'clock midnight, and as much oftener as reasonable convenience of the public may require, or as may be directed by resolution of the Board.

**Twenty-first**—The Company shall, at its own expense, do anything and everything within its power to keep its vehicles in operation on regular schedules during the existence of snow and ice in the streets and avenues upon which the Company is hereby authorized to operate, and if it shall be necessary to remove such snow and ice to the side of the roadway in snow and to operate, then such removal shall be done under the supervision and to the satisfaction of the President of the Borough of Queens, but in no event shall snow or ice so removed be allowed by the Company to obstruct the crosswalks of any street.

**Twenty-second**—It is understood that the Company shall operate, pursuant to this contract, only the routes herein authorized, but should vehicular traffic be diverted from any portion of any of the streets or avenues upon which the Company is herein authorized to operate because of fires, parades or because of any other event which will close the street to vehicular traffic temporarily, then the Company may use such other streets or avenues as are necessary to continue the operation. If, however, for any reason any of the streets and avenues in which the operation is hereby authorized shall be closed to vehicular traffic for a longer period than twenty-four hours, then the Company shall communicate with the Board or its authorized representatives and obtain authority for the operation upon other streets and avenues for the period during which said street or avenue may be closed.

**Twenty-third**—Should it be deemed advisable by the Board at any time during the term of this contract to require the Company to operate extensions to the routes herein authorized, additional route or routes in substitution for those herein authorized, and the Board shall so order, then the Company shall, upon notice by the Board, apply for a franchise or right to operate such extension, additional or substituted routes and accept a franchise therefor upon terms and conditions similar to those contained herein, and for a term expiring not later than the date of the expiration of this contract, provided that the Board shall not hereunder require the Company to extend its routes for a distance greater than one mile during any calendar year.

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

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.

11. The total amount expended for same.

12. The names of the directors elected at the last meeting of the corporation held for such purpose.

13. Location, value and amount paid for real estate owned by the Company as by last report.

14. Location, value and amount paid for real estate now owned by the Company.

15. Number of passengers carried during the year.

16. Total receipts of Company for each class of business.

17. Amounts paid by the Company for damage to persons or property on account of construction and operation.

18. Total expenses for operation, including salaries, and such other information in regard to the business of the Company as may be required by the Board.

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

**Twenty-sixth**—The Company shall keep accurate books of the performance of different types of vehicles and the different services rendered and the cost thereof, and shall at any time furnish the Board, or its authorized representatives, such information with respect thereto as shall be requested.

**Twenty-seventh**—In case of any violation or breach of failure to comply with any of the provisions herein contained or with any orders of the Board or its authorized representatives, acting under the powers herein reserved, the franchise or consent herein granted may be forfeited at the option of the Board by resolution of said Board, without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Any false entry in the books of the Company or false statement in the reports to the Comptroller as to a material fact, knowingly made by the Company, shall constitute such a violation or breach of failure to comply with the provisions herein contained as to warrant the forfeiture of the franchise.

Nothing herein contained shall affect in any way the right of the Company to apply to a court of competent jurisdiction for review of any action of the Board forfeiting the franchise or consent herein granted.

**Twenty-eighth**—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any such violation or breach of failure to comply with the provisions of this contract, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars (\$250) as fixed or liquidated damages or at the option of the Board this contract may be forfeited upon ten (10) days' notice to the Company.

**Twenty-ninth**—The Company shall assume all liability for damages to persons or property occasioned by reason of the operation of the stage or omnibus routes authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

**Thirtieth**—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of one thousand dollars (\$1,000), either in money or securities, to be approved by him, which fund shall be security for the performance by the Company of all the terms and conditions of this contract and compliance with all orders of the Board acting under the powers herein reserved, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed, and the maintenance of vehicles in good condition throughout the whole term of this contract; and in case of default in the performance by the Company of such terms and conditions or compliance with such orders or either or any of them, the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten (10) days' notice to the Company; or in case of failure to observe the said terms and conditions of this contract and orders of the Board acting hereunder, relating to the roadway, repair, maintenance or withdrawal from service of vehicles, the Company shall pay a sum of fifty dollars (\$50) per day for each day of violation, and the further sum of ten dollars (\$10) per day for each vehicle that shall not be properly heated or lighted in case of the violation of the provisions relating to those matters, as fixed or liquidated damages, all of which sums may be deducted from said fund.

The procedure for the imposition and collection of the sums as fixed or liquidated damages in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President or other officer to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not pay such liquidated damages in accordance with the foregoing provisions. If the Company fails to make an appearance, or after a hearing appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed damages, or where the amount of such damages is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such damages from the security fund deposited with him. In case of any drafts made upon the security fund, the Company shall, upon ten (10) days' notice, pay to the City a sum sufficient to restore said security fund to the original amount of one thousand dollars (\$1,000), and in default thereof this contract may be cancelled and annulled at the option of the Board, acting in behalf of the

City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City. These provisions for the recovery of such damages are in addition to the right to forfeit the franchise conferred by Section 2, Subdivision Twenty-seventh of this contract.

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

**Thirty-second**—The words "streets or avenues" and "streets and avenues," wherever used in this contract, shall be deemed to mean "streets, avenues, highways, parkways, driveways, concourses, boulevards, bridges, viaducts, tunnels, public places or any other property to which the City has title" encountered in the routes hereinabove described and upon or in which authority is hereby given to the Company to operate stages or omnibuses.

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

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

**SECTION 4.** The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

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

THE CITY OF NEW YORK,

By Mayor.

(CORPORATE SEAL)

Attest: City Clerk.

FAR ROCKAWAY TRANSPORTATION COMPANY, INC.,

By President.

(SEAL)

Attest: Secretary.

(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provisions as to rates and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions, including the said resolution for the grant of a franchise or right applied for by the Far Rockaway Transportation Company, Inc., and the said form of a proposed contract for the grant of such franchise or right, containing said results of such inquiry, after the same shall be entered in the minutes of the Board shall be published in full for at least fifteen (15) days immediately prior to Friday, April 30, 1915, in the "City Record," together with the following notice, to wit:

NOTICE IS HEREBY GIVEN That the Board of Estimate and Apportionment before authorizing any contract for the grant of the franchise or right applied for by the Far Rockaway Transportation Company, Inc., and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolutions authorizing such contract will, at a meeting of said Board to be held in Room 16, City Hall, Borough of Manhattan, City of New York, on Friday, April 30, 1915, at 10 o'clock a. m., hold a public hearing thereon at which citizens shall be entitled to appear and be heard.

Resolved, That a notice of such hearing, stating that copies of the proposed contract and resolution of consent thereto may be obtained by all those interested therein at the Bureau of Franchises, Room 1307, Municipal Building, Centre and Chambers Streets, Borough of Manhattan, shall be published at least twice at the expense of the proposed grantee, during the ten (10) days immediately prior to Friday, April 30, 1915, in the "New York Herald" and "The Sun," the two daily newspapers in which the petition and notice of hearing thereon have been published.

JAMES D. MCGANN, Assistant Secretary.  
Telephone, 4560 Worth.  
Dated, New York, April 1, 1915. a13.30

## BOROUGH OF QUEENS.

### Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at his office, third floor, Borough Hall, Fifth Street and Jackson Avenue, Long Island City, Borough of Queens, until 11 A. M. on

WEDNESDAY, MAY 5, 1915.

FOR A CONTRACT PURSUANT TO SECTION 544 OF THE GREATER NEW YORK CHARTER FOR THE FINAL DISPOSITION OF GARBAGE, RUBBISH, ASHES AND STREET SWEEPINGS IN THE FIFTH WARD OF THE BOROUGH OF QUEENS OF THE CITY OF NEW YORK, DURING THE MONTHS OF MAY, JUNE, JULY, AUGUST, SEPTEMBER AND OCTOBER, 1915, AND FURNISHING AND OPERATING THE NECESSARY DUMPS, SCOWS, TUGS, TOOLS, APPLIANCES AND LABOR THEREFOR.

The amount of security required will be four thousand five hundred dollars (\$4,500). Bidders will state a lump sum for the above contract, as the contract is entire and for a complete job.

The estimated cost of the above contract not to exceed ten thousand nine hundred and forty dollars (\$10,940).

Dated April 24th, 1915.

a24.m5 MAURICE E. CONNOLLY, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at his office, Third Floor, Borough Hall,

Fifth Street and Jackson Avenue, Long Island City, Borough of Queens, until 11 o'clock A. M. on

WEDNESDAY, MAY 5, 1915.

NO. 1. FOR FURNISHING AND DELIVERING AS DIRECTED 1,500 TONS OF ASPHALTIC CEMENT TO THE BUREAU OF HIGHWAYS, BOROUGH OF QUEENS.

The time allowed for the performance of the contract is on or before October 15th, 1915.

The amount of security for the performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 2. FOR REGULATING AND PAVING WITH A PERMANENT PAVEMENT CONSISTING OF IMPROVED GRANITE BLOCK WITH BITUMINOUS GROUTED JOINTS ON A CONCRETE FOUNDATION AND ALL WORK INCIDENTAL THERETO IN SUNSWICK STREET FROM WILBUR AVENUE TO PAYNTAR AVENUE, FIRST WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be 30 (Thirty) working days.

The amount of security required will be Three thousand four hundred dollars (\$3,400).

The Engineer's estimate of the quantities is as follows:

50 linear feet of new bluestone curb, not to be bid for.

300 linear feet of old curb redressed and reset, not to be bid for.

300 cubic yards of concrete in place.

1,750 square yards improved granite block pavement, including sand bed and bituminous grouted joints, and one (1) year's maintenance.

NO. 3. FOR REGULATING, CURBING, LAYING SIDEWALKS AND PAVING WITH ASPHALTIC BLOCK (PERMANENT PAVEMENT) ON A CONCRETE FOUNDATION (6 INCHES) THE ROADWAY OF SOUTH WASHINGTON PLACE FROM ACADEMY STREET TO JACKSON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO, FIRST WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be Thirty (30) Working Days.

The amount of security required will be Twenty-five hundred dollars (\$2,500).

The Engineer's estimate of the quantities is as follows:

150 cubic yards of earth excavation, not to be bid for.

40 linear feet of old curb redressed and reset.

80 linear feet of old cement curb reset.

800 linear feet of cement curb, with steel nosing and one (1) year's maintenance.

100 square feet of old flagstone sidewalk re-trimmed and relaid.

4,300 square feet cement sidewalk, and one (1) year's maintenance.

240 cubic yards of concrete.

1,400 square yards of asphalt block pavement, including mortar bed, sand joints, and five (5) years maintenance.

NO. 4. FOR REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND CROSSWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN VAN DAM STREET FROM THOMSON AVENUE TO THE SUMMIT ABOUT 225 FEET SOUTH-WEST OF STAR AVENUE, FIRST WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be one hundred and seventy-five (175) Working Days.

The amount of security required will be Twenty thousand dollars (\$20,000).

The Engineer's estimate of the quantities is as follows:

1,000 cubic yards of earth excavation.

46,000 cubic yards of embankment (in excess of excavation).

7,200 linear feet of new bluestone curb.

50 linear feet of old curb, redressed and reset.

34,200 square feet of new flagstone sidewalk.

100 square feet of cement sidewalk, and one (1) year's maintenance.

200 square feet of new crosswalks.

10 cubic yards of concrete.

300 square yards of Belgian Block Pavement relaid.

50 square yards stone gutters, furnished and laid.

50 linear feet 12-inch vitrified pipe, in place.

NO. 5. FOR REGULATING AND PAVING WITH A PERMANENT PAVEMENT CONSISTING OF ASPHALT BLOCK ON A CONCRETE FOUNDATION SIX INCHES IN THICKNESS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN NORTH HENRY ST. FROM FLUSHING AVENUE TO NEWTOWN AVENUE, FIRST WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be Thirty (30) Working Days.

The amount of security required will be Two thousand dollars (\$2,000).

The Engineer's estimate of the quantities is as follows:

285 cubic yards of concrete.

1,700 square yards of asphalt block pavement, including mortar bed, sand joints and five (5) years maintenance.

NO. 6. FOR REGULATING AND PAVING WITH A PERMANENT PAVEMENT CONSISTING OF SHEET ASPHALT ON A CONCRETE FOUNDATION SIX INCHES IN THICKNESS, AND ALL WORK INCIDENTAL THERETO, IN ELEVENTH AVENUE, FROM GRAND AVENUE TO NEWTOWN ROAD, FIRST WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be Thirty (30) Working Days.

The amount of security required will be Two thousand dollars (\$2,000).

The Engineer's estimate of the quantities is as follows:

50 linear feet of new bluestone curb, not to be bid for.

160 linear feet of old curb, redressed and reset, not to be bid for.

300 cubic yards of concrete in place.

1,800 square yards of sheet asphalt pavement, including binder course, and five (5) years maintenance.

20 square yards of Asphalt Block Pavement relaid, not to be bid for.

The bidder must state the price of each item or article contained in the specification or schedule herein contained or hereafter annexed, per square yard, linear foot or other unit of measure, by which the bids will be tested. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated April 24th, 1915.

a24.m5 MAURICE E. CONNOLLY, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at his office, third floor, Borough Hall,

5th Street and Jackson Avenue, Long Island City, Borough of Queens, until 11:00 A. M. on

WEDNESDAY, MAY 5, 1915.

NO. 1. FOR THE CONSTRUCTION OF A SEWER AND APPURTENANCES IN:



CANAL AVENUE FROM RIDGEWOOD AVE. TO SYOSSET ST.; SYOSSET STREET FROM CANAL AVENUE TO SHAW AVENUE; SHAW AVENUE FROM SYOSSET STREET TO JAMAICA AVE.; UNUM STREET FROM YARMOUTH ST. TO SNEDIKER AVE.; SNEDIKER AVENUE FROM UNUM ST. TO JAMAICA AVE.; YARMOUTH STREET FROM SYOSSET ST. TO JAMAICA AVE.; JAMAICA AVENUE FROM FERRY STREET TO CROWN ABOUT 200 FEET EAST OF THE BOROUGH LINE, FOURTH WARD.

The Engineer's estimate of the quantities is as follows:

1,339 Lin. Ft. 12-inch Vitrified salt-glazed pipe sewer.  
717 Lin. Ft. 18-inch Vitrified salt-glazed pipe sewer.  
18 Lin. Ft. 20-inch Vitrified salt-glazed pipe sewer.

71 Lin. Ft. 22-inch Vitrified salt-glazed pipe sewer.  
3,270 Lin. Ft. 24-inch Vitrified salt-glazed pipe sewer.

140 Lin. Ft. 2' 9" Concrete sewer.  
250 Lin. Ft. 3' 3" Concrete sewer.  
720 Lin. Ft. 3' 6" Concrete sewer.  
458 Lin. Ft. 3' 9" Concrete sewer.

250 Lin. Ft. 4' 0" Concrete sewer.  
580 Lin. Ft. 5' 0" Reinforced concrete sewer.  
56 Manholes, Complete.

60 Lin. Ft. 12-inch pipe for basin connections.  
97 Spurs on 12-inch Vitrified salt-glazed pipe sewer.

33 Spurs on 18-inch Vitrified salt-glazed pipe sewer.  
238 Spurs on 24-inch Vitrified salt-glazed pipe sewer.

11 Spurs, 24" long, on 2' 9" concrete sewer.  
14 Spurs, 24" long, on 3' 3" concrete sewer.  
55 Spurs, 24" long, on 3' 6" concrete sewer.  
31 Spurs, 24" long, on 3' 9" concrete sewer.

12 Spurs, 24" long, on 4' 0" concrete sewer.  
26 Spurs, 24" long, on 5' 0" Reinforced concrete sewer.

1 Chamber at Canal Avenue and Syosset Street.  
1 Chamber at Yarmouth Street and Syosset Street.

1 Chamber at Yarmouth Street and Jamaica Avenue.  
1 Chamber at Snediker Avenue and Jamaica Avenue.  
1 Chamber at Lott Avenue and Jamaica Avenue.

135,000 Feet B. M. Timber for bracing and sheet piling.  
30 Cubic yards of concrete, exclusive of concrete shown on plan.

500 Lbs. of steel, exclusive of steel shown on plan.  
7,896 Lbs. Steel 6-inch pipe for house connection drains.

The time allowed for completing the above work is one hundred and fifty (150) working days.

The amount of security required will be Twenty-eight Thousand (\$28,000) Dollars.

NO. 2: FOR THE CONSTRUCTION OF A SEWER AND APPURTENANCES IN ORCHARD STREET FROM JACKSON AVENUE TO A POINT ABOUT 385 FEET SOUTHERLY THEREFROM, FIRST WARD OF THE BOROUGH OF QUEENS.

The Engineer's estimate of the quantities is as follows:

368 Lin. Ft. 12-inch Vitrified salt-glazed pipe sewer, encased in concrete.  
3 Manholes, Complete.

2 Park inlet basins.  
35 Linear feet of 8-inch pipe for basin connections.  
12 Spurs on 12-inch pipe sewer.

120 Lin. Ft. 6-inch pipe for house connection drains.  
230 Cubic Yards of rock, excavated and removed.

The time allowed for completing the above work is thirty (30) working days.

The amount of security required will be Eleven Hundred (\$1,100) Dollars.

NO. 3: FOR THE CONSTRUCTION OF A SEWER AND APPURTENANCES IN GUION AVENUE FROM JEROME AVENUE TO BEAUFORT AVENUE; BEAUFORT AVENUE FROM GUION AVENUE TO NAPIER AVENUE, AND IN NAPIER AVENUE FROM BEAUFORT AVENUE TO JEROME AVENUE, FOURTH WARD OF THE BOROUGH OF QUEENS.

The Engineer's estimate of the quantities is as follows:

593 Lin. Ft. 4' 0" Concrete sewer.  
259 Lin. Ft. 2' 6" Concrete sewer.  
3 Lin. Ft. 22-inch Vitrified salt-glazed pipe sewer.

536 Lin. Ft. 12-inch Vitrified salt-glazed pipe sewer.  
9 Manholes, complete.

2 Single receiving basins, complete.  
1 Double receiving basin, complete.

60 Lin. Ft. 12-inch pipe for basin connections.  
20 Lin. Ft. 10-inch pipe for basin connections.  
36 Spurs, 24" long, on 4' 0" Concrete sewer.

16 Spurs, 24" long, on 2' 6" Concrete sewer.  
40 Spurs on 12-inch pipe sewer.  
375 Lin. Ft. 6" pipe for house connection drains.

1 Junction chamber, complete, at Guion Avenue and Beaufort Avenue.

The time allowed for completing the above work is sixty (60) working days.

The amount of security required will be Forty-five Hundred (\$4,500) Dollars.

The bidder must state the price of each item or article contained in the specifications herein contained, or hereinafter annexed, per square yard, per linear foot or other unit of measure, by which the bids will be tested. The extensions must be footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained and the plans or drawings may be seen at the Office of the President of the Borough of Queens.

Dated: April 24th, 1915.  
a24,m5 MAURICE E. CONNOLLY, President.

See General Instructions to Bidders on last page, last column, of the "City Record."

## COMMISSIONERS OF SINKING FUND.

### Public Notice.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Sinking Fund, pursuant to the provisions of Chapter 372 of the Laws of 1907, will hold a public hearing at 11 o'clock in the forenoon on Wednesday, May 19, 1915, in Room 16, City Hall, Borough of Manhattan, relative to the new plan for the improvement of the waterfront at the foot of Longfellow Avenue, Hunts Point, East River, Borough of The Bronx, adopted by the Commissioner of Docks in accordance with law April 12, 1915, and transmitted to the Commissioners of the Sinking Fund for approval.

The proposed New Plan consists in the establishment of a basin 250 feet in width at the foot of Longfellow Avenue, Hunts Point, East River, Borough of The Bronx, which basin is enclosed by a bulkhead line bounded and described as follows:

Beginning at a point in the bulkhead line approved by the Secretary of War January 9th, 1891, where the same is intersected by a line drawn parallel with and 620 feet east of the easterly side of Coster Street and running thence northerly and along said parallel line

783.081 feet to the south side of Ryaw Avenue; thence eastwardly and along the south side of Ryaw Avenue 250 feet; thence southwardly and parallel with Coster Street a distance of 781.379 feet to the bulkhead line approved by the Secretary of War January 9th, 1891.

Dated: April 21, 1915.  
JOHN PURROY MITCHEL, Mayor, and Chairman, Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Sinking Fund, pursuant to the provisions of Chapter 372 of the Laws of 1907, will hold a public hearing at 11.05 o'clock in the forenoon on Wednesday, May 19, 1915, in Room 16, City Hall, Borough of Manhattan, relative to the proposed New Plan at head of Mill Basin, between 56th and 61st Streets, Borough of Brooklyn, adopted by the Commissioner of Docks in accordance with law April 12, 1915, and transmitted to the Commissioners of the Sinking Fund for approval.

The proposed New Plan consists in:

1st: The establishment of a bulkhead line distant 400 feet south of and parallel with the southerly side of Avenue "U" and extending from the center line produced southerly of East 56th Street easterly to an intersection with the pierhead and bulkhead line established by the Secretary of War May 1st, 1911.

2nd: The establishment of a pierhead and bulkhead line described as follows:

Beginning at a point in the pierhead and bulkhead line established by the Secretary of War May 1st, 1911, where the same is intersected by a line drawn 400 feet south of and parallel with the southerly side of Avenue "U"; running thence easterly and along said parallel line to a point in same distant 1,966.42 feet east of the easterly side of Flatbush Avenue; thence northerly to a point in the southerly side of Avenue "U" distant 2,093.04 feet east of the easterly side of Flatbush Avenue; thence easterly and along the southerly side of Avenue "U" to the westerly side of East 61st street; thence southerly and along the westerly side of East 61st street a distance of 150 feet; thence westerly and along a line parallel with and distant 150 feet south of the southerly side of Avenue "U" to a point in same distant 2,500 feet east of the easterly side of Flatbush Avenue; thence southerly to a point distant 900 feet south of the southerly side of Avenue "U" and 2,070 feet east of the easterly side of Flatbush Avenue; thence westerly and along a line parallel with the southerly side of Avenue "U" and 900 feet therefrom to the point of intersection with the pierhead and bulkhead line established by the Secretary of War May 1st, 1911.

Dated: April 21, 1915.  
JOHN PURROY MITCHEL, Mayor, and Chairman, Commissioners of the Sinking Fund.

## PUBLIC SERVICE COMMISSION.

### Invitation to Contractors.

Part of the Culver Rapid Transit Railroad.

The Public Service Commission for the First District (hereinafter called the "Commission"), acting for and on behalf of The City of New York (hereinafter called the "City"), invites proposals to construct Section No. 2 of Route No. 49, a part of the Culver Rapid Transit Railroad.

The points within the City between which the said part is to run and the route or routes to be followed are briefly as follows:

SECTION No. 2. Beginning at a point in Gravesend Avenue, in the Borough of Brooklyn, about five hundred and twenty-five (525) feet south of the intersection of the center line of Gravesend Avenue and the southerly building line of Bay Parkway (Twenty-second Avenue) produced and extending thence southerly over and along Gravesend Avenue and Shell Road to a point in Shell Road about five hundred and twenty-five (525) feet south of the intersection of the center line of Gravesend Avenue and the southerly building line of Avenue X produced.

The general plan of construction calls for an elevated railroad.

The Contractor will not be required to provide or lay tracks or ties nor to do station finish work.

The work under the contract will include the care and support of buildings, vaults, sewers, pipes, railroads and other surface, subsurface and overhead structures, the maintenance of traffic and the restoration of pavements and other surfaces.

Bidders must examine the form of contract, the specifications and the contract drawings, must visit the location of the work and inform themselves of the conditions along the line of the work and make their own estimates of the facilities and difficulties attending the execution of the work.

A fuller description of the work and other requirements, provisions, details and specifications are given in the form of contract and in the contract drawings therein referred to. Copies of the forms of contract, bond and contractor's proposal and of the contract drawings may be inspected and purchased at the office of the Commission, No. 154 Nassau Street, Borough of Manhattan, New York City. The forms of contract, bond and contractor's proposal and the contract drawings are to be deemed a part of this Invitation.

Partial payments to the Contractor will be made monthly as the work proceeds as provided in the contract.

The Contractor must complete the work within eighteen (18) months from the delivery of the contract.

At the time of the delivery of the contract the Contractor must furnish security to the City by depositing a bond, cash or securities, in the sum of one hundred thousand dollars (\$100,000). As further security fifteen per centum (15%) of the amounts certified from time to time to be due to the Contractor will be deducted until the amounts so deducted and retained shall equal ten per centum (10%) of the total estimated amount to be paid to the Contractor under the contract. Thereafter there shall be so deducted and retained for such purpose ten per centum (10%) of the amounts certified from time to time to be due to the Contractor.

Sealed bids or proposals will be received at the office of the Commission at No. 154 Nassau Street, Borough of Manhattan, City of New York, until the 18th day of May, 1915, at twelve fifteen (12:15) o'clock p. m., at which time and place, or at a later date to be fixed by the Commission, the proposals will be publicly opened.

Proposals must be in the form prescribed by the Commission.

A statement, based upon the estimate of the Chief Engineer of the Commission, of the quantities of the various classes of the work and of the nature and extent as near as practicable of the work to be found in the schedule in the form of contractor's proposal. The quantities given in such schedule are approximate only, being given as a basis for the uniform comparison of bids, and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

Every proposal must when submitted be enclosed in a sealed envelope endorsed "Proposal for Constructing Part of Rapid Transit Railroad—Route No. 49, Section No. 2," and must

be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received unless accompanied by a separate certified check for twenty-five thousand dollars (\$25,000), payable to the order of the Comptroller of the City and drawn upon a national or state bank or trust company satisfactory to the Commission and having its principal office in New York City. Such check must not be enclosed in the envelope containing the proposal.

The Unit Prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interests may be rejected.

No proposal, after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract will be made by the Commission as soon as practicable after the opening of the proposals.

Deposits made by bidders whose proposals are not accepted will be returned within three (3) days after the contract is executed and delivered and its provisions in respect of the bond or deposit are complied with, unless all proposals shall be rejected, in which event such deposits will be returned within three (3) days after such rejection. The deposit of the successful bidder will be returned when the contract is executed and delivered and its provisions in respect of the bond or deposit are complied with.

The right to reject any and all bids is reserved.

New York, April 23, 1915.  
PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, BY EDWARD E. McCALL, Chairman.  
TRAVIS H. WHITNEY, Secretary. a27,m18

## SUPREME COURT—FIRST DEPARTMENT.

### Notice of Appointment.

### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York for the appointment of Commissioners of Estimate and Assessment to ascertain and determine the compensation which should justly be made to Gertrude L. Hoyt, as owner of Lot Nos. 5 and 7 in Block No. 342 in Section 2 of the Land Map of The City of New York, known as Nos. 60 and 62 Attorney Street; to Alice Keteltas, individually and as administratrix of the goods, chattels and credits of Philip D. Keteltas, deceased, and as administratrix of the goods, chattels and credits of John Gardner Keteltas, deceased; Edith M. K. Wetmore, the elder; Eugene K. Smith, Edith M. K. Wetmore, the younger; Maud K. Wetmore and Roger P. D. K. Wetmore, as owners of Lot Nos. 58, 65, 66 and 67 in Block No. 347 in Section 2 of the Land Map of The City of New York, known as Nos. 45 to 61 Attorney Street; to Clement March, individually and as substituted trustee under the Last Will and Testament of Gertrude L. Lowndes, deceased; Gertrude L. Amory, Stephen Chase and Harriet L. Schuyler, owners of Lot No. 3 in Block No. 342 in Section 2 of the Land Map of The City of New York, known as Nos. 54 to 58 Attorney Street, for the alleged discontinuance and closing of Attorney Street from a point 61 feet southerly from the center line of Delancey Street Bridge and thence northerly to a point 122 feet, in the Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court of the State of New York, First Department, bearing date the 31st day of March, 1915, and duly entered and filed in the office of the Clerk of the County of New York on the 1st day of April, 1915, Commissioners of Estimate and Assessment, for the purpose of ascertaining and determining the compensation which should justly be made to the above-entitled owners for the alleged discontinuance and closing of Attorney Street from a point 61 feet southerly from the center line of Delancey Street Bridge and thence northerly to a point 122 feet, in the Borough of Manhattan, City of New York, Department of Bridges, Williamsburgh Bridge, changes in street grades of Delancey Street between Essex and Ridge Streets and of Norfolk, Suffolk, Clinton, Attorney and Ridge Streets, between Broome and Rivington Streets, a plan for closing of the portion of Attorney Street between Broome and Delancey Streets, and duly certified and filed as follows: One copy in the office of the Register of the County of New York on the 16th day of July, 1908, as Map No. 1278; one copy in the office of the Corporation Counsel of The City of New York on the 16th day of June, 1908, and one copy in the office of the President of the Borough of Manhattan on the 20th day of July, 1908, and for the purpose of performing the duties required of us by Chapter 1006 of the Laws of 1895.

All parties and persons interested in said lands, tenements, premises, rights, easements or interests therein taken, affected, damaged, extinguished or destroyed by and in consequence of the discontinuance and closing of said Attorney Street from a point 61 feet southerly from the center line of Delancey Street Bridge and thence northerly to a point 122 feet, in the Borough of Manhattan, City of New York, 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, 15th floor, Municipal Building, Borough of Manhattan, City of New York, with such affidavits or other proofs as the owners or claimants may desire within ten days after the date of this notice, and that we, the said Commissioners, will be in attendance at our office on the 7th day of May, 1915, at 10.30 o'clock in the forenoon of that day, to hear the said parties or persons in relation thereto, and at such time and place and at such further or other time and place as we may appoint, we will hear such owners or claimants in relation thereto and examine the proofs in support of such claim or claims and such additional proofs and allegations as may then be offered by such owners or claimants or on behalf of The City of New York.

Dated, New York, April 23, 1915.  
BENNO LEWINSON, Chairman; WILLIS HOLLY, PATRICK J. McNULTY, Commissioners.

JOEL J. SQUIER, Clerk. a23,m4

Application for Appointment of Commissioners.

### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of HERING AVENUE, from Bronx and Pelham Parkway South to Sacket Avenue; TENBROECK AVENUE, from Bronx and Pelham Parkway South to Pierce Avenue; SACKET AVENUE, from Williamsbridge Road to the prolongation of the easterly line of Newport Avenue, and NEW-

PORT AVENUE, from Sacket Avenue to Morris Park Avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 4th day of May, 1915, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereto belonging required for the opening and extending of Hering Avenue, from Bronx and Pelham Parkway South to Sacket Avenue, Tenbroeck Avenue, from Bronx and Pelham Parkway South to Pierce Avenue; Sacket Avenue, from Williamsbridge Road to the prolongation of the easterly line of Newport Avenue, and Newport Avenue, from Sacket Avenue to Morris Park Avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

Hering Avenue, from Bronx and Pelham Parkway South to Sacket Avenue; Tenbroeck Avenue, from Bronx and Pelham Parkway South to Pierce Avenue; Sacket Avenue, from Williamsbridge Road to the prolongation of the easterly line of Newport Avenue, and of Newport Avenue, from Sacket Avenue to Morris Park Avenue, in the Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz:

HERING AVENUE.

Beginning at a point in the southern line of Bronx and Pelham Parkway distant 3,760.614 feet easterly from the intersection of said southern line of Bronx and Pelham Parkway and the eastern line of White Plains Road. Thence easterly along said southern line of Bronx and Pelham Parkway for 60.0 feet. Thence southerly deflecting 90° to the right for 425.0 feet. Thence southeasterly deflecting 31° 21' 47" to the left for 70.27 feet. Thence still southeasterly deflecting 7° 16' 41" to the right for 3,673.65 feet to the northern line of Sacket Avenue as being acquired herewith. Thence southerly and along said northern line of Sacket Avenue for 65.03 feet. Thence northwesterly for 3,725.54 feet on a line forming an angle of 21° 38' 22" to the east with the radius of the preceding course drawn northwesterly from the western extremity of said course. Thence still northwesterly deflecting 3° 07' 31" to the left for 67.47 feet. Thence northerly for 425.0 feet to the point of beginning.

TENBROECK AVENUE.

Beginning at a point in the southern line of Bronx and Pelham Parkway distant 4,045.614 feet easterly from the intersection of said southern line of Bronx and Pelham Parkway and the eastern line of White Plains Road. Thence easterly along said line of Bronx and Pelham Parkway for 60.0 feet. Thence southerly deflecting 90° to the right for 425.0 feet. Thence southeasterly deflecting 31° 13' 09" to the left for 70.16 feet. Thence still southeasterly deflecting 7° 08' 03" to the right for 3,222.11 feet to the northern line of Pierce Avenue as laid out on Section 46 of the Final Maps of the Borough of The Bronx. Thence southerly deflecting 90° to the right along last-mentioned line for 60 feet. Thence northwesterly deflecting 90° to the right for 3,248.93 feet. Thence still northwesterly deflecting 2° 58' 10" to the left for 67.37 feet. Thence northerly for 425.0 feet to the point of beginning.

SACKET AVENUE.

Beginning at the point of intersection of the southern line of Sacket Avenue and the prolongation of the eastern line of Newport Avenue as these streets are laid out on Section 46 of the Final Maps of the Borough of The Bronx. Thence northerly along the prolongation of said eastern line of Newport Avenue for 72.41 feet. Thence southerly deflecting 124° 02' 51" to the left for 104.92 feet. Thence still southerly curving to the right on an arc of a circle of 2,655.0 feet radius and tangent to the preceding course for 1,068.91 feet. Thence southerly for 60.02 feet on a line forming an angle of 1° 26' 18" to the west with the southern prolongation of the preceding course drawn through its western extremity. Thence northeasterly curving to the left on an arc of a circle of 2,715 feet radius for 1,094.58 feet. The radius of this circle produced southerly through the southern extremity of the preceding course forms an angle of 1° 24' 23" easterly with the prolongation of the preceding course. Thence northeasterly for 64.38 feet to the point of beginning.

NEWPORT AVENUE.

Beginning at the point of intersection of the prolongation of the eastern line of Newport Avenue and the prolongation of the northwesterly line of Sacket Avenue as these streets are laid out on Section 46 of the Final Maps of the Borough of The Bronx. Thence southerly along the northwestern line of Sacket Avenue as being acquired herewith for 72.41 feet. Thence northerly deflecting 124° 02' 51" to the right for 1,078.69 feet. Thence easterly deflecting 120° 41' 46" to the right for 69.78 feet. Thence southerly for 1,002.53 feet to the point of beginning.

Hering, Tenbroeck, Sacket and Newport Avenues are laid out on Sections 41 and 46 of the Final Maps of the Borough of The Bronx as follows:

Section 41—In the office of the President of the Borough of The Bronx on November 13, 1911, in the office of the Register of the County of New York on November 10, 1911, as Map No. 1564, and in the office of the Corporation Counsel of The City of New York on November 10, 1911, in pigeonhole 177.

Section 46—In the office of the President of the Borough of The Bronx on April 8, 1912, in the office of the Register of the County of New York on April 5, 1912, as Map No. 1603, and in the office of the Corporation Counsel of The City of New York on April 6, 1912, in pigeonhole 185.

The land to be taken for Hering, Tenbroeck, Sacket and Newport Avenues is located east of Bronx River.

The Board of Estimate and Apportionment on the 6th day of February, 1913, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the northwesterly line of Eastchester Road where it is intersected by a line midway between Newport Avenue and Elberon Avenue and running thence southeasterly at right angles to Eastchester Road to the intersection with the northwesterly right of way line of the New York, New Haven and Hartford Railroad; thence southwesterly along the said right of way line to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Williamsbridge Road as this street is laid out at Sacket Avenue, the said distance being measured at right angles to Williamsbridge Road; thence northwesterly along the said line parallel with Williamsbridge Road to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Sacket Avenue and Pierce Avenue as these streets are laid out immediately westerly from







office of the Clerk of the County of New York, and are shown on the Damage Maps attached to our abstract of estimate and assessment.

And WE, the said Commissioners, having been directed also by the aforesaid orders and by the provisions of Chapter 1006 of the Laws of 1895 to ascertain and determine the benefit and advantage to the lands, tenements and hereditaments and premises which shall be benefited by the discontinuance, closing and abandonment of the aforesaid Walnut Street,

WE, therefore, the undersigned, hereby give notice to all persons interested in these proceedings 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:

FIFTH: That we have completed our supplemental and amended estimate of 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, 15th Floor, Municipal Building, in the Borough of Manhattan, in The City of New York, on or before the 5th day of May, 1915, 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 7th day of May, 1915, at 2 o'clock P. M.

SIXTH: That the abstract of our said supplemental and amended estimate of assessment, together with our benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings, in the Law Department of The City of New York, 15th Floor, Municipal Building, in the Borough of Manhattan, in said City, there to remain until the 6th day of May, 1915.

SEVENTH: That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situated, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

BEGINNING at the point of intersection of a line parallel to and distant 100 feet southerly from the southerly line of Hawkstone street and the middle line of the blocks between Walton avenue and Grand Boulevard and Concourse; thence northwardly along said middle line of blocks to its intersection with the westerly prolongation of a line parallel to and distant 100 feet north of the southerly line of East 173rd Street; thence eastwardly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Monroe Avenue; thence southwardly along said last parallel line to its intersection with a line parallel to and distant 390 feet southerly from the southerly line of that part of Belmont street (The Parkway) lying west of Weeks Avenue; thence westwardly along said parallel line to its intersection with the easterly prolongation of the line parallel to and distant 100 feet southerly from the southerly line of Hawkstone street; thence westwardly along said prolongation and parallel line to the point or place of beginning.

EIGHTH: That provided there be no objections filed to said supplemental and amended abstract of assessment, our supplemental and amended final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 25th day of May, 1915, at the opening of the Court on that day.

NINTH: In case, however, objections are filed to said supplemental and amended abstract of assessment, the motion to confirm our supplemental and amended final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the "City Record," pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated, New York, April 19th, 1915.  
LORENZO S. PALMER, ANTHONY J. McNALLY, Commissioners.  
JOEL J. SQUIER, Clerk. a24,m3

#### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of UNIONPORT ROAD, from Morris Park Avenue to White Plains Road, near Baker Avenue, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That the undersigned, Commissioners of Estimate, have completed their estimate of benefit, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Room 1557, 15th Floor, Municipal Building, Chambers and Centre Streets, in the Borough of Manhattan, in The City of New York, on or before the 6th day of May, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at their said office on the 13th day of May, 1915, at 2 o'clock P. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his supplemental and amended estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Room 1557, 15th Floor, Municipal Building, Chambers and Centre Streets, in the Borough of Manhattan, in The City of New York, on or before the 10th day of May, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at their said office on the 13th day of May, 1915, at 2 o'clock P. M.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed by the Board of Estimate and Apportionment on the 25th day of September, 1914, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situated and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

BEGINNING at a point on a line midway between White Plains Road and Victor Street where it is intersected by a line midway between Rhinelander Avenue and Morris Park Avenue, and running thence southwardly along the said line midway between White Plains Road and Victor Street to the northerly line of Van Nest Avenue, the said distance being measured at right angles to Van Nest Avenue; thence eastwardly and al-

ways distant 100 feet northerly from and parallel with the northerly line of Van Nest Avenue to the intersection with a line midway between Cruger Avenue and Holland Avenue; thence southwardly along the said line midway between Cruger Avenue and Holland Avenue and along the prolongation of the said line to the intersection with the southerly right-of-way line of the New York, New Haven and Hartford Railroad; thence westwardly along the said right-of-way line to the intersection with the prolongation of a line midway between Garfield Street and Taylor Avenue; thence northwardly along the said line midway between Garfield Street and Taylor Avenue and along the prolongations of the said line to a point distant 100 feet northwesterly from the northerly line of Morris Park Avenue, the said distance being measured at right angles to Morris Park Avenue; thence northwesterly and always distant 100 feet northwesterly from and parallel with the northerly line of Morris Park Avenue to a point distant 100 feet westerly from the westerly line of Unionport Road, the said distance being measured at right angles to Unionport Road; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Unionport Road to the intersection with the prolongation of a line midway between Rhinelander Avenue and Morris Park Avenue as these streets are laid out between White Plains Road and Victor Street; thence eastwardly along the said line midway between Rhinelander Avenue and Morris Park Avenue and along the prolongation of the said line to the point or place of beginning.

Fourth.—That the abstracts of said supplemental and amended estimate of damage and of said supplemental and amended assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Room 1529, 15th Floor, Municipal Building, Chambers and Centre Streets, in the Borough of Manhattan, in said City, there to remain until the 10th day of May, 1915.

Fifth.—That, provided there be no objections filed to either of said supplemental and amended abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 24th day of May, 1915, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated, New York, April 16th, 1915.  
MANTON M. WYVLELL, Chairman; EDWARD J. McLAUGHLIN, FRANK E. GORE, Commissioners of Estimate. MANTON M. WYVLELL, Commissioner of Assessment.  
JOEL J. SQUIER, Clerk. a20,m6

#### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the widening of RIVERSIDE DRIVE on its easterly side from the northerly line of West 181st Street to a point about 550 feet northerly therefrom, in the 12th Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Room 1557, 15th Floor, Municipal Building, Chambers and Centre Streets, in the Borough of Manhattan, in The City of New York, on or before the 6th day of May, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 10th day of May, 1915, at 2 o'clock P. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Room 1557, 15th Floor, Municipal Building, Chambers and Centre Streets, in the Borough of Manhattan, in The City of New York, on or before the 6th day of May, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at their said office on the 11th day of May, 1915, at 2 o'clock P. M.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed by the Board of Estimate and Apportionment on the 12th day of June, 1914, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situated and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

BEGINNING at a point on the easterly line of Riverside Drive where it is intersected by a line bisecting the angle in the easterly line of Northern Avenue at the first angle point north of West 181st Street, and running thence eastwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Northern Avenue, the said distance being measured at right angles to Northern Avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Northern Avenue to the intersection with a line midway between West 178th Street and West 179th Street, as these streets are laid out between Pinehurst Avenue and Northern Avenue; thence westwardly along the said line midway between West 178th Street and West 179th Street and along the prolongation of the said line to the westerly line of Haven Avenue, the said distance being measured at right angles to Haven Avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Haven Avenue to a point distant 100 feet southerly from the southerly line of West 181st Street, the said distance being measured at right angles to West 181st Street; thence westwardly and parallel with West 181st Street to the intersection with the

easterly line of Riverside Drive; thence northwardly along the easterly line of Riverside Drive to the point or place of beginning.

Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Room 1529, 15th Floor, Municipal Building, Chambers and Centre Streets, in the Borough of Manhattan, in said City, there to remain until the 10th day of May, 1915.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 25th day of June, 1915, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated, New York, April 13th, 1915.  
JOHN Z. LOWE, JR., Chairman; ALBERT B. KERR, WINTER RUSSELL, Commissioners of Estimate. JOHN Z. LOWE, JR., Commissioner of Assessment.  
JOEL J. SQUIER, Clerk. a16,m3

#### Hearings on Qualifications.

##### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of ADEE AVENUE, from Boston Road to the bulkhead line of the Hutchinson River, as shown on Section 44 of the Final Maps, Borough of The Bronx, as amended, as to conform to a map or plan adopted by the Board of Estimate and Apportionment December 12, 1912, and approved by the Mayor December 18, 1912, changing the lines of Adee Avenue at Gun Hill Road, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 13th day of April, 1915, and duly entered and filed in the office of the Clerk of the County of Bronx on the 13th day of April, 1915, JOSIAH A. BRIGGS, GEORGE P. BAISLEY and HENRY L. HAFEN, Esqs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order JOSIAH A. BRIGGS, Esq., was appointed the Commissioner of Assessment.

NOTICE IS FURTHER GIVEN that pursuant to the statute in such cases made and provided, the said JOSIAH A. BRIGGS, GEORGE P. BAISLEY and HENRY L. HAFEN, Esqs., will attend at a Special Term, Part I, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Bronx, in the City of New York, on the 5th day of May, 1915, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any other person having any interest in said proceeding, as to their qualifications to act as such Commissioners.

Dated, NEW YORK, April 23rd, 1915.  
FRANK L. POLK, Corporation Counsel, Municipal Building, Borough of Manhattan, New York City. a23,m4

##### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of DYRE AVENUE, from Boston Road to the northerly City Line, as said Dyre Avenue is now laid out upon the map or plan of The City of New York, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 14th day of April, 1915, and duly entered and filed in the office of the Clerk of the County of Bronx on the 16th day of April, 1915, WILLIAM CURRY MARTIN, MARTIN BEISLER and WALTER McLAUGHLIN, Esqs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order WILLIAM CURRY MARTIN, Esq., was appointed the Commissioner of Assessment.

NOTICE IS FURTHER GIVEN that, pursuant to the statute in such cases made and provided, the said WILLIAM CURRY MARTIN, MARTIN BEISLER and WALTER McLAUGHLIN, Esqs., will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in the City of New York, on the 3rd day of May, 1915, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any other person having any interest in said proceeding, as to their qualifications to act as such Commissioners.

Dated, NEW YORK, April 21st, 1915.  
FRANK L. POLK, Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York. a21,m1

##### FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of BEAR SWAMP ROAD, from West Farms Road to White Plains Road, subject to the easements of the New York, Westchester and Boston Railroad and of the New York, New Haven and Hartford Railroad in the area within the limits of their right of way, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 13th day of April, 1915, and duly entered and filed in the office of the Clerk of the County of Bronx on the 14th day of April, 1915, EDWARD D. DOWLING, HENRY A. FRIEDMAN and FRANCIS V. S. OLIVER, Esqs., were ap-

pointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order EDWARD D. DOWLING, Esq., was appointed the Commissioner of Assessment.

NOTICE IS FURTHER GIVEN that pursuant to the statute in such cases made and provided, the said EDWARD D. DOWLING, HENRY A. FRIEDMAN and FRANCIS V. S. OLIVER, Esqs., will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in the City of New York, on the 30th day of April, 1915, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any other person having any interest in said proceeding, as to their qualifications to act as such Commissioners.

Dated, NEW YORK, April 19th, 1915.  
FRANK L. POLK, Corporation Counsel, Municipal Building, Borough of Manhattan, New York City. a19,29

#### SUPREME COURT—SECOND DEPARTMENT.

##### Applications to Amend Proceedings.

##### SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to amending its application heretofore made in the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of YOUNG STREET, from Hunters Point Avenue to Review Avenue, in the First Ward, Borough of Queens, City of New York, so as to provide for the acquisition of title to Young Street, from Hunters Point Avenue to Review Avenue, and to the Public Park bounded by Gale Street, Young Street and Borden Avenue, as the same are now laid out upon the map or plan of The City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 4th day of May, 1915, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for an order amending the proceeding entitled "In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of Young Street, from Hunters Point Avenue to Review Avenue, in the First Ward, Borough of Queens, City of New York," and the petition and order appointing Commissioners of Estimate and a Commissioner of Assessment in said proceeding heretofore duly entered and filed in the office of the Clerk of the County of Queens on the 24th day of September, 1913, so as to provide for the acquisition of title to Young Street, from Hunters Point Avenue to Review Avenue and to the Public Park bounded by Gale Street, Young Street and Borden Avenue, as the same are now laid out upon the map or plan of The City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A." Beginning at a point formed by the intersection of the southerly line of Young Street with the easterly line of Review Avenue. Running thence northerly along the easterly line of Review Avenue for 60 feet to the northerly line of Young Street. Thence easterly deflecting to the right 90° for 1,346.20 feet along the northerly line of Young Street to the southerly line of Borden Avenue. Thence southeasterly deflecting to the right 40° 14' 30" for 92.88 feet along the southerly line of Borden Avenue to the southerly line of Young Street. Thence westerly for 1,417.10 feet along the southerly line of Young Street to the easterly line of Review Avenue, the point or place of beginning.

PARCEL "B." Beginning at a point formed by the intersection of the westerly line of Gale Street with the northerly line of Borden Avenue, being the southerly corner of the Public Park bounded by Young Street, Gale Street and Borden Avenue. Running thence northwesterly for 72.95 feet along the northerly line of Borden Avenue to the southerly line of Young Street. Thence northwesterly deflecting to the left 0° 06' 55" for 93.10 feet to the northerly line of Young Street. Thence easterly deflecting to the right 139° 52' 31" for 672.86 feet along the northerly line of Young Street to the westerly line of Hunters Point Avenue. Thence southerly deflecting to the right 57° 12' 40" for 71.37 feet along the westerly line of Hunters Point Avenue to the southerly line of Young Street. Thence southerly deflecting to the right 122° 47' 20" for 580.82 feet along the southerly line of Young Street to the westerly line of Gale Street. Thence southerly for 50.36 feet along the westerly line of Gale Street to the northerly line of Borden Avenue, the point or place of beginning.

Young Street, extending from Review Avenue to Hunters Point Avenue, and the Public Park, in the First Ward, Borough of Queens, City of New York, is laid down upon the Commissioners' Map of Long Island City, filed at the City Clerk's office, Long Island City, December 31, 1875, as amended.

The Board of Estimate and Apportionment on the 8th day of January, 1915, duly fixed and determined that the area of assessment for benefit in this amended proceeding be fixed and determined to be as follows:

BEGINNING at a point on the southwesterly line of Hunters Point Avenue where it is intersected by a line midway between Young Street and Pearsall Street, and running thence westwardly along the said line midway between Young Street and Pearsall Street to the intersection with a line at right angles to its southerly side where it is intersected by a perpendicular to the line of Borden Avenue erected at the intersection of the southerly line of Borden Avenue with the prolongation of a line midway between Pearsall Street and Greenpoint Avenue as these streets are laid out between Gale Street and Bradley Avenue; thence southwardly along the said line at right angles to Pearsall Street to the intersection with its southerly side; thence southwardly along the said perpendicular to the line of Borden Avenue to the intersection with its southerly side; thence westwardly along the prolongation of the said line midway between Pearsall Street and Greenpoint Avenue to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Borden Avenue, the said distance being measured at right angles to Borden Avenue; thence northwardly along the said line parallel with Borden Avenue to the intersection with a line midway between Young Street and Pearsall Street; thence westwardly along the said line midway between Young Street and Pearsall Street to the intersection with a line



distant 100 feet westerly from and parallel with the westerly line of Review Avenue, the said distance being measured at right angles to Review Avenue; thence northwardly along the said line parallel with Review Avenue to the intersection with a line midway between Young Street and Gilbert Street; thence eastwardly along the said line midway between Young Street and Gilbert Street and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Gale Street; thence northwardly and parallel with Gale Street a distance of 100 feet; thence eastwardly at right angles to Gale Street to a point distant 100 feet easterly from its easterly side; thence southwardly and parallel with Gale Street to a point distant 100 feet northerly from the northerly line of Young Street; thence eastwardly and parallel with Young Street to the intersection with the southwesterly line of Hunters Point Avenue; thence northwardly at right angles to Hunters Point Avenue to a point distant 100 feet northeasterly from its northeasterly side; thence southeastwardly and parallel with Hunters Point Avenue to the intersection with a line at right angles to Hunters Point Avenue and passing through the point of beginning; thence southwardly along the said line at right angles to Hunters Point Avenue to the point or place of beginning.

Dated, New York, April 22nd, 1915.

FRANK L. POLK, Corporation Counsel,  
Municipal Building, Borough of Manhattan, City  
of New York. a22,m3

#### Filing Final Reports.

##### SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of BRYANT AVENUE, from Beuson Avenue to Laurel Hill Boulevard; HOLMES AVENUE, from Queens Boulevard to Tyler Avenue; IRVING STREET, from Queens Boulevard to Tyler Avenue; and LONGFELLOW AVENUE, from Queens Boulevard to Tyler Avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Trial Term thereof, Part I, to be held at the Queens County Court House, Long Island City, in the Borough of Queens, in The City of New York, on the 4th day of May, 1915, at the opening of Court on that day; and that the said final reports have been deposited in the Office of the Clerk of the County of Queens, there to remain for and during the space of five days, as required by law.

Dated, New York, April 26th, 1915.

CLARENCE EDWARDS, CHAS. H. ROBERTS, Commissioners of Estimate. CLARENCE EDWARDS, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. a26,30

#### Filing Preliminary Abstracts.

##### SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of NEWTOWN AVENUE (although not yet named by proper authority) from Flushing Avenue to Grand Avenue, in the 1st Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to-wit:

First.—That the undersigned, Commissioners of Estimate, have completed their supplemental and amended estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 3rd day of May, 1915, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 4th day of May, 1915, at 3 o'clock P. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his supplemental and amended estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 3rd day of May, 1915, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 5th day of May, 1915, at 3 o'clock P. M.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 5th day of April, 1907, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point midway between Clark and Taylor streets 100 feet northwest of the northwesterly side of Van Alst avenue, and running thence southeastwardly on a line 100 feet southwest of the southwesterly side of Clark street to the intersection with a line midway between Newtown Avenue and Grand street; thence southeastwardly on a line midway between Newtown Avenue and Grand street to the middle of the block between Marc place and Debevoise Avenue; thence southwestwardly on a line midway between Marc place and Debevoise Avenue and midway between Lockwood street and Debevoise Avenue to a point 100 feet southwest of the southwesterly side of Grand street; thence southwardly on a line 100 feet southwest of the southwesterly side of Grand street to a point 100 feet southeast of the southeasterly side of Brielle street; thence northwardly on a line 100 feet southeast of the southeasterly side of Brielle street to a point midway between Grand street and Vandewater Avenue; thence northwardly on a line midway between Vandewater Avenue and Grand street and midway between Vandewater Avenue and Newtown Avenue to a point midway between Rapelle Avenue and Debevoise Avenue; thence northwardly on a line midway between Rapelle Avenue and Debevoise Avenue to its intersection with the prolongation of a line midway between Newtown Avenue and Flushing Avenue, as laid out between their intersection and Carver street; thence northwardly along the line midway between Flushing Avenue and Newtown Avenue above referred to and the prolongation of the same to a point 100 feet south-

east of the southeasterly side of the Crescent; thence northwardly on a line 100 feet southeast of the southeasterly side of the Crescent to a point 100 feet northeast of the northerly side of Flushing Avenue; thence northwardly on a line 100 feet northeast of the northerly side of Flushing Avenue to a point between the Crescent and Hallett street; thence northwardly on a line midway between the Crescent and Hallett street to a point in the prolongation of a line 100 feet southwest of the southwesterly side of North Washington place, as laid out between Van Alst Avenue and Hallett street; thence northwardly along a line 100 feet southwest of the southwesterly side of North Washington place, between Van Alst Avenue and Hallett street, and the prolongations thereof, to a point 100 feet northwest of the northwesterly side of Van Alst Avenue; thence southwardly on a line 100 feet northwest of the northwesterly side of Van Alst Avenue to the point or place of beginning.

Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 1st day of May, 1915.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 22nd day of June, 1915, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated, New York, April 16th, 1915.

GEORGE A. GREGG, Chairman; A. VAN DEWATER, THEODORE P. WILSNACK, Commissioners of Estimate. GEORGE A. GREGG, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. a22,m3

#### Filing Bill of Costs.

##### SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of CLARKE AVENUE, from Rust Street to Perry Avenue; RUST STREET, from Clinton Avenue to Flushing Avenue; and PERRY AVENUE, from Rust Street to Clark Avenue, in the 2nd Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Trial Term thereof, Part I, to be held at the Queens County Court House, Long Island City, in the Borough of Queens, in The City of New York, on the 11th day of May, 1915, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, April 29th, 1915.

ADOLPH HERZOG, EDGAR HAZLETON, EMANUEL S. CAHN, Commissioners of Estimate. EDGAR HAZLETON, Commissioner of Assessment.  
a29,m10

#### SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of NAGY STREET, between Metropolitan Avenue and Grand Street, in the 2nd Ward, Borough of Queens, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Trial Term thereof, Part I, to be held at the Queens County Court House, Long Island City, in the Borough of Queens, in The City of New York, on the 11th day of May, 1915, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, April 27th, 1915.

LUKE OTTEN, MORRIS L. STRAUSS, WM. RASQUIN, JR., Commissioners of Estimate. MORRIS L. STRAUSS, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. a27,m7

#### SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of TOWNS PLACE, from Packard Street to Laurel Hill Avenue, in the 2nd Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Trial Term thereof, Part I, to be held at the Queens County Court House, Long Island City, in the Borough of Queens, in The City of New York, on the 7th day of May, 1915, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, April 23rd, 1915.

CLARENCE EDWARDS, GEORGE W. PLITT, JOHN N. BOOTH, Commissioners of Estimate. CLARENCE EDWARDS, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. a23,m4

#### SUPREME COURT—THIRD JUDICIAL DISTRICT.

##### Application for Appointment of Commissioners.

##### THIRD JUDICIAL DISTRICT—ULSTER COUNTY.

In the Matter of the Application and Petition of the Board of Water Supply of The City of New York for the appointment of a Commissioner under Section 42, Chapter 724 of the Laws of 1905, as amended by Section 9, Chapter 314 of the Laws of 1906.

PUBLIC 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 for the appointment of Commissioners under Section 42, Chapter 724 of the Laws of 1905, as amended by Section 9, Chapter 314 of the Laws of 1906.

Such application is to be made at a Special Term of the said Court to be held in and for the Third Judicial District at the Court House in the City of Kingston, Ulster County, New York, on the 1st day of May, 1915, at ten o'clock in the forenoon of that day or as soon thereafter as counsel can be heard.

The object of this application is to obtain an order of the Court for the appointment of three disinterested and competent freeholders, at least one of whom shall reside in the County of New York, and at least one of whom shall reside in the County of Ulster, to ascertain and determine the damages, if any, for such decrease in value as the owner of any real estate not taken by virtue of chapter seven hundred and twenty-four of the laws of nineteen hundred and five and Chapter seven hundred and twenty-three of the laws of nineteen hundred and five or of any established business on the first day of June, nineteen hundred and five, and situate in the counties of Ulster, Albany or Greene, may be entitled by reason of Section 42, Chapter 724 of the Laws of 1905, as amended by Section 9, Chapter 314 of the Laws of 1906, provided an agreement cannot be had with the Board of Water Supply.

And for an order that said Commission herein applied for shall hold stated sessions every month, except July and August, in Kingston, and not elsewhere, and shall be and act as the successor to certain Commissions heretofore duly appointed by orders of this Court, and known as Business Damage Commissions Nos. 1, 2 and 3, as is more fully set forth in the petition of the Board of Water Supply dated February 16, 1915, for the appointment of the Commission herein applied for.

This notice is not an admission that any one is entitled to any recovery from the City of New York, and the City of New York reserves to itself the right to submit any defense, legal or equitable, to the said Commission herein applied for, including any affirmative defense, and especially that any claim presented to said Commission for trial has not been filed in the form or in the manner or within the time provided by statute, or that any proceedings already had are a bar in whole or in part to the prosecution of any claim or the taking of testimony thereon.

Dated, March 5, 1915.

FRANK L. POLK, Corporation Counsel,  
Municipal Building, Chambers and Centre  
Streets, Borough of Manhattan, City of New  
York. m20,m1

#### NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

##### TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of \$50, the sum of \$50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstances of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street and the openings of the main sewer

in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furnishings, plaster, chimneys, protecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beam-holes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the Contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resolved, That, while the said sale is held under the supervision of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

#### PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

##### NOTICE TO CONTRACTORS.

##### GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

No bid or estimate will be considered unless, as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money or corporate stock or certificates of indebtedness of any nature issued by The City of New York, which the Comptroller shall approve as of equal value with the security required in the advertisement to the amount of not less than three nor more than five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The amount shall be as specified in the proposals or instructions to bidders and shall not be in excess of 5 per cent.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately. The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

Bidders will write out the amount of their bids or estimates in addition to inserting the same in figures.

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, is 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.