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## THE CITY RECORD.

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### DEPARTMENT OF FINANCE.

#### WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE WEDNESDAY, DECEMBER 17, 1913.

Below is a statement of warrants made ready for payment on the above date showing therein the Department of Finance voucher number, the date or dates of the invoices or bills, the date the voucher was filed in the Department of Finance, the name of the payee and the amount of the claim.

Where two or more bills are embraced in the warrant, the dates of the earliest and latest are given.

All of the warrants mentioned are 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 as to any of the below mentioned warrants, it is requested that reference be made by the Department of Finance voucher number.

WM. A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
Armory Board.				
154341	12-15-13		The Peerless Towel Supply Co.....	\$2 89
154342	12-15-13		Central Transfer Co. ....	1 50
Bellevue and Allied Hospitals.				
153395	12-12-13		J. H. Freedlander .....	\$900 00
153396			J. H. Freedlander .....	1,500 00
153652	12-12-13		Berkefeld Filter Co. ....	18 00
153659	12-12-13		Crandall Packing Co. ....	9 25
153661	12-12-13		Department of Correction .....	33 50
153666	12-12-13		Eimer & Amend .....	60 20
153669	12-12-13		John Egan .....	16 88
154344			E. D. Noyes .....	129 00
154345	12-15-13		Gudrun Frus-Holm .....	40 00
155744	12-16-13		William Diebold .....	2 65
155745			William Diebold .....	5 55
155746	12-16-13		George A. White .....	5 65
Department of Bridges.				
152346			The Snare & Triest Co.....	\$6,403 17
153553	12-2-13		John Davis Sons .....	60 00
154068	12-15-13		Swan & Finch Co. ....	40 00
154070	12-13-13		Church E. Gates & Co., Inc. ....	35 00
154074	12-13-13		Chicago Pneumatic Tool Co. ....	31 68
154075	12-13-13		A. J. & J. J. McCollum .....	28 00
154561	12-15-13		Joseph A. Ryan, Asst. Engr. ....	13 60
154594	12-15-13		Judd A. Lockwood, Asst. Engr. ....	3 00
154595	12-15-13		Judd A. Lockwood, Asst. Engr. ....	22 95

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
Board of City Record.				
154805	12-15-13		Great Bear Spring Co. ....	\$8 40
154805	12-15-13		Irving-Pitt Mfg. Co. ....	2 16
154806	12-15-13		Library Bureau .....	5 75
154807	12-15-13		W. C. Wilson .....	8 95
154808	12-15-13		Library Bureau .....	5 63
154809	12-15-13		The Howe Scale Co. of New York. ....	11 00
154810	12-15-13		Burroughs Adding Machine Co. ....	1 85
154811	12-15-13		T. C. Moore & Co. ....	2 60
154812	12-15-13		William J. Collins .....	8 00
154813	12-15-13		United Electric Service Co. ....	21 60
154815	12-3-13		Stillman Appellate Printing Co. ....	749 45
154816	11-29-13		The Evening Post Job Printing Office. ....	268 58
154817	11-28-13		M. B. Brown Printing and Binding Co. ....	4,861 72
Department of Correction.				
153349	12-11-13		J. F. Herbert .....	\$58 45
153350	12-11-13		J. Edward Ogden Co. ....	594 26
Municipal Court.				
154403	12-15-13		William Repper, Deputy Clerk .....	\$8 49
154574	12-15-13		Hugh H. Moore .....	20 75
District Attorney, Kings County.				
155277	12-15-13		Pinkerton's National Detective Agency. ....	\$67 30
155278	12-15-13		Fred. C. Dennington .....	25 00
155279	12-15-13		Frances R. Dawson .....	10 80
155300			James L. Cunningham .....	4 34
District Attorney, New York County.				
154210	12-13-13		William T. Fishbough .....	\$206 70
154211	12-13-13		Walter J. Jones .....	200 50
Department of Education.				
150889	12-8-13		Frank Nebeling .....	\$187 00
152728	12-11-13		A. Itzkowitz .....	33 89
153253	12-11-13		New York Telephone Co. ....	230 98
153413	12-12-13		H. Sacks .....	123 54
153430	10-24-13		H. Sacks .....	100 00
153433	10-24-13		Henry Saal .....	34 00
153436			Chesebro-Whitman Co. ....	33 99
153442	9-20-13		Lignum Carpenter Works .....	90 00
153445			Wm. Hudson .....	66 00
153447			Fred'k Pearce Co. ....	334 80
153458			J. Glazer .....	27 00
153462	10-20-13		John W. Sands .....	36 50
154043			Ginn & Co. ....	6 41
154046			Ellis A. Gimbel .....	108 47
154047	12-13-13		John Wanamaker .....	13 70
154048			Ellis A. Gimbel .....	165 44
154049	12-13-13		Ellis A. Gimbel .....	106 81
154051	12-13-13		The Syndicate Trading Co. ....	59
154054	12-13-13		The Century Co. ....	11 32
154055	12-13-13		The Baker & Taylor Co. ....	27 76
154056	12-13-13		The Baker & Taylor Co. ....	42 22
154058	12-13-13		Syndicate Trading Co. ....	2 21
154060	12-13-13		Alexander J. Fraser .....	25 47
154988	12-15-13		William Ward .....	22 10
154955	12-15-13		F. J. Kloes .....	1 70
154956	12-15-13		United Machinery Co. ....	5 66
154957	12-15-13		John Gannon .....	16 10
154958	12-15-13		Alfred Whiteley .....	11 68
154961	12-15-13		United Plumbing and Contracting Co. ....	19 50
154964	12-15-13		John Gelshion .....	8 58
154965	12-15-13		L. P. Grocer & Co. ....	4 93
154967	12-15-13		The Peck Bros. & Co. ....	22 80
154968	12-15-13		C. W. Keenan .....	2 80
154969			F. J. McCaragher .....	11 50
154971	12-15-13		Chas. Schad .....	7 00
154973			F. W. Devoe & C. T. Reynolds Co. ....	32
154974	12-15-13		Eimer & Amend .....	15 80
154975	12-15-13		Neal & Brinker Co. ....	9 86
154976			Hammacher, Schlemmer & Co. ....	47
154977	12-15-13		Keuffel & Esser Co. ....	3 90
154978	12-15-13		L. E. Knott Apparatus Co. ....	11 87
154979	12-15-13		Kolesch & Co. ....	3 20
154980	12-15-13		W. Langbein .....	3 00
154981	12-15-13		Manhattan Electrical Supply Co. ....	6 70
154982	12-15-13		Joseph L. Fries .....	14 00
154984	12-15-13		Eagle Iron Works .....	9 11
154987	12-15-13		James H. Draper .....	20 75
154990	12-15-13		T. E. O'Halloran .....	5 16
154992	12-15-13		Samuel W. Cornell .....	15 35
154993	12-15-13		William H. Strang .....	20 00
154994	12-15-13		James H. Dykeman .....	1 00
155018	12-15-13		Henry Saal .....	19 00
155020	12-15-13		Julius Haas' Sons .....	17 90
155022	12-15-13		W. & C. Sheehan .....	12 59
155024			S. Fischer .....	23 05
155026	12-15-13		Brooklyn Window Shade Co. ....	8 50
155027	12-15-13		I. Rader .....	18 00
155028	12-15-13		J. Weiss .....	8 50
155029	8-27-13		Elias Diamond .....	344 50
155032	10-28-13		Clarence S. Nathan .....	3 25
155033			M. J. Tobin .....	1 65
155034	9-8-13		J. W. Pratt Co. ....	17 05
155040	9-10-13		P. Derby & Co., Inc. ....	5 75
155045	10-24-13		A. Pearson's Sons .....	15 00
155048	7-31-13		Agent and Warden, Auburn Prison ..	14 50
155054	9-16-13		Lord & Taylor .....	11 25
155055	10-16-13		Schoverling, Daly & Gales .....	24 00
155060	11-12-13		H. F. Gundrum Co. ....	5 04
155062	11-8-13		Kolesch & Co. ....	22 31
155061	10-31-13		New Home Sewing Machine Co. ....	5 15
155063	11-25-13		Alborg & B. Gross .....	22 18
155064	10-27-13		Ginn & Co. ....	6 64
155079			Charles Beseler Co. ....	14 00
155080	12-15-13		Frank G. Meyer .....	12 00
155082	11-20-13		John Doty .....	20 00
155083			Parex Mfg. Co. ....	35
155084	12-15-13		Koller & Smith, Inc. ....	7 50

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
155085		12-15-13	Parex Mfg. Co.	28	154530		12-15-13	Henry Lieb	75 00
155086		12-15-13	Hammacher, Schlemmer & Co.	14 70	154531		12-15-13	Guaranty Trust Co. of New York	500,000 00
155087		12-15-13	John F. Schmadeke	32 50	154532		12-15-13	Guaranty Trust Co. of New York	1,000,000 00
155088		12-15-13	Parex Mfg. Co.	28	154533		12-15-13	Guaranty Trust Co. of New York	1,000,000 00
155089		12-15-13	Parex Mfg. Co.	28	154534		12-15-13	Guaranty Trust Co. of New York	250,000 00
155090		12-15-13	William Elliott & Sons	60	154535		12-15-13	Guaranty Trust Co. of New York	250,000 00
155091		12-15-13	Knickerbocker Ice Co.	4 54	154536		12-15-13	Guaranty Trust Co. of New York	200,000 00
155095		12-15-13	J. Weiss	9 00	154537		12-15-13	Guaranty Trust Co. of New York	100,000 00
155096		12-15-13	Barnet Bernstein	7 00	154538		12-15-13	Guaranty Trust Co. of New York	625 00
155097		12-15-13	H. Hanig	7 25	154539		12-15-13	Guaranty Trust Co. of New York	30 00
155098		12-15-13	Reid's Express	5 00	154540		12-15-13	William A. Prendergast, as Comptroller, and Robert R. Moore as Chamberlain	150 00
155099		12-15-13	S. Rovinsky	13 50	154541		12-15-13	William A. Prendergast, as Comptroller, and Robert R. Moore as Chamberlain	2,250 00
155100		12-15-13	F. J. Kloes	18 00	154542		12-15-13	William A. Prendergast, as Comptroller, and Robert R. Moore as Chamberlain	600 00
155104		12-15-13	H. S. Doncourt	5 00	154543		12-15-13	Kings County Savings Institution	5,000 00
155105		12-15-13	William H. Ellis	17 75	154544		12-15-13	Kings County Savings Institution, Brooklyn, N. Y.	38,000 00
155106		12-15-13	Montgomery & Co.	4 21	154545		12-15-13	The East New York Savings Bank	10,500 00
155108		12-15-13	Albers Bros.	10 50	154546		12-15-13	The Commissioners of the Sinking Fund for Account of the Sinking Fund of The City of New York	500 00
155109		12-15-13	Montgomery & Co.	75	154547		12-15-13	William A. Prendergast as Comptroller and Robert R. Moore as Chamberlain	1,000 00
155112		12-15-13	Louis Frey & Co.	1 60	154548		12-15-13	William A. Prendergast as Comptroller and Robert R. Moore as Chamberlain	3,296 25
155114		12-15-13	Favor, Ruhl & Co.	2 80	154549		12-15-13	Guaranty Trust Co. of New York	78 75
155115	10-6-13	12-15-13	A. Smith & Son	15 00	154550		12-15-13	Guaranty Trust Co. of New York	200,000 00
155122	9-19-13	12-15-13	I. Horowitz	15 00	154551		12-15-13	Guaranty Trust Co. of New York	400,000 00
155130	10-22-13	12-15-13	Fischer Bros.	20 15	154552		12-15-13	Charles L. Hoffman	208 40
155134		12-15-13	John Clockessy	3 00	154553		12-15-13	Benno Lewinson	210 00
155137	10-27-13	12-15-13	F. J. Canavan	21 00	154554		12-15-13	Charles J. Leslie	210 00
155138	10-22-13	12-15-13	J. Glazer	12 00	154555		12-15-13	Charles J. Leslie	210 00
155139	10-20-13	12-15-13	A. Berengarten	17 00	154556		12-15-13	James H. Quinlan	270 00
155140	10-23-13	12-15-13	Anton Orgelfinger	5 50	154557		12-15-13	Abraham D. Van Sieten	220 00
155141	10-28-13	12-15-13	Jos. L. Bergen	22 50	154558		12-15-13	John Wild	220 00
155142	11-3-13	12-15-13	H. Fertenbach	16 50	154559		12-15-13	Rudolph L. Horak	30 00
155146	10-15-13	12-15-13	John Gelsion	12 00	154560		12-15-13	Henry P. Titus	40 00
155148		12-15-13	Godfrey Keeler Co.	21 00	154601		12-15-13	Clarence Edwards	175 00
155152	11-3-13	12-15-13	Pittsburgh Plate Glass Co.	2 88	154602		12-15-13	James H. Quinlan	285 00
155154	10-15-13	12-15-13	Chesbro-Whitman Co.	2 00	154603		12-15-13	George B. Cooper	340 00
155155	10-21-13	12-15-13	The Oliver Typewriter Co.	3 00	154604		12-15-13	Charles R. Temple, Assignee of John Holmes	75 00
155156	10-10-13	12-15-13	Peckham, Little & Co.	3 20	154605		12-15-13	Constantine T. Timonier	140 00
Board of Estimate and Apportionment.					154606		12-15-13	Park Versailles Realty Co.	36,385 08
153300	11-29-13	12-11-13	Gottlieb Greiner	\$99 69	154607		12-15-13	The National City Co. of New York	1,000,000 00
153301		12-11-13	Merck & Co.	31 09	155304		12-15-13	The National City Co. of New York	1,000,000 00
153677		12-12-13	New York Telephone Co.	6 97	155305		12-15-13	The National City Co. of New York	1,000,000 00
154183		12-13-13	The Rapid Safety Filter Co. of N. Y.	3 00	155306		12-15-13	The National City Co. of New York	1,000,000 00
154184		12-13-13	The Auto Truck Storage & Exchange Co.	40 73	155307		12-15-13	The National City Co. of New York	1,000,000 00
154185		12-13-13	The Independent Towel Supply	5 45	155308		12-15-13	The National City Co. of New York	1,000,000 00
154186		12-13-13	Consolidated House & Window Cleaning Co.	17 00	155309		12-15-13	The National City Co. of New York	1,126 71
154187		12-13-13	Eimer & Amend	40 68	155310		12-15-13	The National City Co. of New York	1,126 71
154189		12-13-13	John Montague	4 46	155311		12-15-13	The National City Co. of New York	1,126 71
154190		12-13-13	The Linde Air Products Co.	2 00	155312		12-15-13	The National City Co. of New York	1,126 71
154191		12-13-13	The Linde Air Products Co.	4 00	155313		12-15-13	The National City Co. of New York	1,126 71
154192	11-29-13	12-13-13	Gottlieb Greiner	85 12	155314		12-15-13	William A. Prendergast as Comptroller and Robert R. Moore as Chamberlain	1,600 00
154193		12-13-13	The Kny-Scheerer Co.	30 00	155315		12-15-13	William A. Prendergast as Comptroller and Robert R. Moore as Chamberlain	3,500 00
154194		12-13-13	Patterson, Gottfried & Hunter, Limited	65 25	155316		12-15-13	Staten Island Savings Bank	2,000 00
Commissioners of Estimate and Appraisal.					Fire Department.				
154392		12-15-13	Joseph M. Schenck	\$500 00	134355			Richard E. Henningham	\$10,714 60
154393		12-15-13	Wm. J. Fawcett	208 37	152802	12-11-13		New York Consolidated Railroad Co., Successor to Brooklyn Union Elevated Railroad Co.	3,770 39
154394		12-15-13	Richard Miller	100 00	154250	12-15-13		Standard Oil Co. of New York	72 22
154395		12-15-13	George F. Sweeney	100 00	154253	12-15-13		J. E. Pettinger	2,096 89
Department of Finance.					154256		12-15-13	The Smith-Worthington Co.	684 41
154357		12-15-13	Mary K. Dawson	\$61 94	154257		12-15-13	Fred'k. Pearce Co.	33 11
154358			Paul Dohm and Clara Wiggers	294 64	155509		12-16-13	Virginia V. Darcey	20 00
154359			Paul Dohm and Clara Wiggers	105 36	155510		12-16-13	Elizabeth Colligan	75 00
154360		12-15-13	Mary Finneran	164 65	Department of Health.				
154361		12-15-13	Thomas J. Goodwin	75 00	153534	12-12-13		Olin J. Stephens, Inc.	\$141 50
154362		12-15-13	Charles V. Halley	139 36	153537	12-12-13		William Gleichmann & Co.	117 46
154363		12-15-13	Benjamin Halprin and Morris Zeitlin	185 82	153538	12-12-13		Olin J. Stephens, Inc.	134 05
154364		12-15-13	Ralph Hickox	57 02	153540	12-12-13		Sulzberger & Sons Co.	354 71
154365		12-15-13	Marion Elizabeth Hoffman	74 32	153546			Andrews Building Co., Inc., Assignee of Solomon Heller	5,448 50
154366		12-15-13	Emelia M. Hilkeman	252 92	153546	12-12-13		Andrews Building Co., Assignee of Solomon Heller	5,448 50
154368		12-16-13	Stephanie Jossier	300 00	154410	12-15-13		Eimer & Amend	12 25
154369		12-16-13	Emelia M. Hilkeman	252 92	154411	12-15-13		Herman Kornahrens	1 65
154370			Emelia M. Hilkeman	146 32	154412	12-15-13		Henry J. Fink	10 67
154371		12-15-13	Emelia M. Hilkeman	653 68	154415	12-15-13		S. R. Smith Infirmary	88 00
154372			Catherine Imhof	217 00	154416	12-15-13		Clarence S. Nathan	1 80
154373		12-15-13	Catherine Imhof	158 00	154417	12-15-13		Charles Kohlman & Co., Inc.	3 54
154374			Stephanie Jossier	103 00	154418	12-15-13		Paul B. Hoerber	7 00
154375		12-15-13	Stephanie Jossier	19 84	154419	12-15-13		William H. Thompson	2 50
154376			Kank Realty Co.	341 92	154420	12-15-13		Carroll Box & Lumber Co.	1 25
154377		12-15-13	Kank Realty Co.	158 08	154421	12-15-13		Charles Kohlmann & Co., Inc.	7 07
154378			Catherine Kelly	210 03	154422	12-15-13		Schieffelin & Co.	125 00
154379		12-15-13	Catherine Kelly	236 97	154423	12-15-13		The Manhattan Supply Co.	1 98
154380			Sarah Lake	804 90	154424	12-15-13		The Watters Laboratories	1 25
154381		12-15-13	Sarah Lake	10 00	154425	12-15-13		Bronx Dental Laboratory	59 50
154382			Vincenzo Laporta	358 47	154426	12-15-13		Henry Bainbridge & Co.	4 40
154383		12-15-13	Vincenzo Laporta	358 27	154427	12-15-13		F. A. Ross	13 00
154384			Vincenzo Laporta	793 59	154428	12-15-13		Whitall Tatum Co.	4 20
154385			Annie Moloney	135 05	154430	10-2-13		Standard Oxygen Co.	13 50
154386		12-15-13	Annie Moloney	39 95	154431	12-15-13		Red Star Sales Co.	38 06
154387		12-15-13	Daniel Maher	105 30	154433	10-31-13		New York Stencil Works	3 00
154388			Daniel Maher	154 70	154435	11-17-13		Frank & Bro.	7 75
154389			Robert Leslie Moffett	135 05	154436	11-13-13		Frank A. Hall & Sons	6 00
154390		12-15-13	Robert Leslie Moffett	39 95	154437	11-12-13		The Union Stove Works	9 90
154391			August Moschanski	77 42	154438	11-10-13		Medical Soc. of the State of N. Y.	15 00
154392		12-15-13	Pit Raben	69 68	154439	10-25-13		Syndicate Trading Co.	8 30
154393			Pit Raben	240 08	154440	12-15-13		Sanborn Map Co.	67 00
154394		12-15-13	Pit Raben	159 92	154441	11-18-13		Waterbury Clock Co.	4 50
154395			Elizabeth Schneider	995 40	154442	10-28-13		E. B. Meyrowitz	12 35
154396		12-15-13	Elizabeth Schneider	179 60	154443	10-27-13		Neal & Brinker Co.	5 75
154397			Mary A. Shay	185 80	154444	11-6-13		The Kny Scheerer Co.	18 40
154398		12-15-13	Mary A. Shay	164 20	154445	12-15-13		National Rug Works	26 33
154399			Carolyn Foster Stickney	239 29	154446	11-17-13		Nason Mfg. Co.	5 84
154400		12-15-13	Olivia H. Conyngham	79 76	154447	11-10-13		The Fred W. Wolf Co.	9 97
154401			John N. Conyngham	79 76	154448	12-15-13		The Emil Greiner Co.	14 70
154402		12-15-13	William H. Conyngham	79 76	154449			Richard Webber	8 04
154403			Emma E. Van Horn	182 72	154450			Murtha & Schmohl Co.	21 75
154404		12-15-13	Emma E. Van Horn	35 18	154451			Knickerbocker Ice Co.	11 82
154405		12-15-13	Emma E. Van Horn	514 82					
154406			Fredericka Whiteford	800 45					
154407			Fredericka Whiteford	1,099 13					
154408		12-15-13	Frank Yorio	363 89					
154409			National Surety Co.	12 50					
154410		12-15-13	National Surety Co.	12 50					
154411	11-7-13	12-15-13	National Surety Co.	37 50					
154412	10-8-13	12-15-13	National Surety Co.	25 00					
154413		12-15-13	National Surety Co.	12 50					
154414	11-7-13	12-15-13	National Surety Co.	12 50					
154415			American Surety Co.	12 50					
154416	11-1-13	12-15-13	National Surety Co.	62 50					

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
154465	12-15-13		Engene Dietzen Co.	1 05	151124	12- 8-13		N. Schneider's Sons	2,833 74
154466	12-15-13		Long Island Bird Store	9 00	153311	12-11-13		Empire Brick and Supply Co.	54 00
154467	12-15-13		Goodyear's India Rubber Selling Co.	6 75	153327	12-11-13		Uvalde Asphalt Paving Co.	137 75
154469	12-15-13		George Ermold Co.	3 00	153328	12-11-13		Uvalde Asphalt Paving Co.	96 80
154470	12-15-13		Eidt & Weyand	2 78	154862	12-15-13		Borough Asphalt Co.	50,460 25
154471	12-15-13		Carroll Box & Lumber Co.	5 76				President, Borough of Queens.	
154472	12-15-13		Powers, Weightmann Rosengarten Co.	24 13	153907			National Fireproofing Co.	\$4,828 25
154473	12-15-13		Benjamin E. Weeks	6 00	153912	12-12-13		Leo E. Kelly, Inc.	21,497 18
154475	12-15-13		Lea & Febiger	5 00	154244	12-15-13		Astoria Contracting Co.	4,163 72
154476	12-15-13		Stanley & Patterson, Inc.	1 80				President, Borough of Richmond.	
154476	12-15-13		The H. B. Claffin Co.	5 70	47917	12-15-13		W. W. Cornell	\$5 30
154477	12-15-13		Lowe Motor Supplies Co.	6 28	47918	12-15-13		Staten Island Shipbuilding Co.	17 91
154478	12-15-13		N. B. Cook Oil Co.	2 91	153917	12-12-13		William F. Lynch	6 63
154480	12-15-13		The Fairbanks Co.	2 10	153924			Joseph Johnson's Sons	3,502 59
154481	12-15-13		J. S. Biesecker	2 00	153925	12-12-13		United States Wood Preserving Co.	369 05
154482	12-15-13		Herman Ahrendt, Jr.	1 40	153929	12-12-13		New York Telephone Co.	226 25
154483	12-15-13		Crown Stamp Works	4 40				Public Service Commission.	
154484	12-15-13		Crown Stamp Works	8 00	154177	12-13-13		Louis D. Fouquet, Division Engineer	\$66 10
154485	12-15-13		The Emil Greiner Co.	3 50	154178	12-13-13		Charles N. Green, Engineer Subsurface Structures	5 10
					154179	12-13-13		Milo R. Maltbie, Commissioner	70 90
					154180	12-13-13		William F. Stevenson, Sr., Asst. Div. Engineer	15 65
					154197	12-13-13		Frederick L. Cranford, Inc., Assignee of Frederick L. Cranford	50,691 00
					154198			Frederick L. Cranford, Inc., Assignee of Frederick L. Cranford	35,448 33
					154199	12-13-13		The Degnon Contracting Co.	56,176 80
					154200	12-13-13		The Degnon Contracting Co.	2,357 05
					154207			Oscar Daniels Co.	35,551 89
								Department of Public Charities.	
					153713	12-12-13		Alex Miller & Bro., Inc.	\$1,087 00
					153714	12-12-13		Armour & Co.	3,738 45
					153718	12-12-13		Bruce & Cook	506 91
					153720	12-12-13		Peter J. Constant	269 11
					153742			Greenhut-Siegel Cooper Co.	573 48
					153745	12-12-13		Robert P. Lawless	25 24
					153750	12-12-13		Pittsburgh Plate Glass Co.	12 97
					153751	12-12-13		Russell Uniform Co.	224 94
					153754	12-12-13		T. J. Taylor Milk Co.	497 76
					153757	12-12-13		Horace Ingersoll Co.	280 68
					153764	12-12-13		New York Telephone Co.	632 93
					153766			T. J. Taylor Milk Co.	690 00
					153767	12-12-13		Frank J. Helmle	896 25
					154715	12-15-13		Robert Ferguson	3 00
					154717			The Fairbanks Co.	12 63
					154719	12-15-13		W. D. Garrett & Co.	18 45
					154720	12-15-13		Howe Liniment Co.	5 00
					154723	12-15-13		The J. M. Horton Ice Cream Co.	25 95
					154729	12-15-13		Wm. F. Herterich	6 10
					154734			H. Kohnstamm & Co.	27 11
					154737	12-15-13		E. Leitz	2 90
					154740	12-15-13		Meinecke & Co.	2 75
					153805	11-25-13		Angus P. Thorne	173 84
					153813	12-12-13		New York Telephone Co.	71 13
								Register, Kings County.	
					154282	12- 1-13		Charles Wildhagen	\$19 25
					154284	11-29-13		Patrick Dougherty	7 66
					154285	11-29-13		Great Bear Spring Co.	14 10
					154286	11-28-13		L. C. Smith & Bros. Typewriter Co.	6 00
								Register, New York County.	
					154030	12-13-13		New York Telephone Co.	\$12 23
								Sheriff, New York County.	
					153228	12-11-13		L. Weinstock	\$117 01
					153236	12-13-13		William Farrell & Son	47 25
					154163			New York Telephone Co.	97 66
								Department of Street Cleaning.	
					76046			Ascher Detective Agency	\$665 00
					153250	12-11-13		Chilton Paint Co.	1,226 20
					153252	12-11-13		New York Telephone Co.	232 14
					153254	12-11-13		New York Telephone Co.	229 75
					154399	12-15-13		John J. O'Brien, Chief Clerk	137 95
								Board of Water Supply.	
					152229	12-10-13		Steel & Masonry Contracting Co., Assignee of The Snare & Triest Co.	\$320 90
					153564	12-15-13		New York Telephone Co.	8 41
								Department of Water Supply, Gas and Electricity.	
					148849	12- 3-13		F. N. Lewis	\$1,124 27
					150783	12- 8-13		Carfagno & Dragonetti, Inc.	5,479 33
					151341			John W. Peale	421 09
					152139			McBride & Callan Contracting Co., Inc.	44 26
					152142			United States Wood Preserving Co.	45 85
					153594	12-12-13		Durkin & Laas	2,773 21
					153611	11-10-13		W. & C. Sheehan	20 53
					153628	10-30-13		Jere J. McCarthy	9 75
					153629	10-13-13		Jere J. McCarthy	10 65
					153630	10-23-13		Jere J. McCarthy	11 59
					153631			Jere J. McCarthy	9 78
					153632	10-23-13		Jere J. McCarthy	9 85
					154293	12-15-13		Valvoline Oil Co.	63 00
					154294	12-15-13		Harold Mills	9 00
					154296	12-15-13		Samuel Olim	7 95
					154299	12-15-13		Castner Electrolytic Alkali Co.	6 00
					154303	12-15-13		Cranford Brothers	18 09
					154312	12-15-13		Thomson Meter Co.	20 60
					154316	12-15-13		The Combination Rubber Manufacturing Co.	80 00
					154318	12-15-13		Edward E. Buhler Co.	165 00
					154320	10-14-13		M. Feigel & Bro.	5 75
					154321	12-15-13		Henry Mott	100 00
					154323	12-15-13		T. Geldermann	9 00
					154295	12-15-13		Knickerbocker Ice Co.	5 10
					154300	12-15-13		Madison Auto Co.	24 00
					154301	12-15-13		Harold Mills	7 50
					154549			The Morey-Larue Laundry Co.	3 25
					154550	12-15-13		L. A. James	14 01
					154551	12-15-13		R. L. Blake, Assistant Engineer	139 08
					154552			William Hauck, Assistant Engineer	73 91
								President, Borough of Brooklyn.	
151121			M. J. O'Hara	\$643 89					

Finance Voucher No.	Invoice Dates.	Received in Depart- ment of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates.	Received in Depart- ment of Finance.	Name of Payee.	Amount.
154552	12-15-13		William Hauck .....	73 91	154560	12-15-13		J. H. Burke, Chief Inspector .....	5 00
154553	12-15-13		August H. Kirchmer, Chief Clerk .....	75 50	154562	12-15-13		R. W. Steed .....	13 60
154554	12-15-13		A. H. Kirchmer, Chief Clerk .....	64 60	154563	12-15-13		B. A. Ruge .....	31 95
154555			N. I. Clarkin, General Inspector .....	15 92	154564	12-15-13		L. B. Shoemaker, Assistant Engineer..	1 80
154556			John F. Bussing, Inspector .....	61 30	154565	12-15-13		C. W. Rennie .....	4 15
154557			J. H. Burke, Chief Inspector .....	75 20	154566			C. W. Rennie, Chief Inspector .....	251 95
154558	12-15-13		William Hauck .....	4 65	154566	12-15-13		C. W. Rennie, Chief Inspector .....	251 95
154559	12-15-13		The New Rochelle Water Co. ....	104 40	154567	12-15-13		L. B. Shoemaker, Assistant Engineer..	1 52

VOUCHERS RECEIVED IN DEPARTMENT OF  
FINANCE WEDNESDAY, DECEMBER 17, 1913.

A statement is herewith submitted of all vouchers filed in the Department of Finance on this date in which is shown the Department of Finance voucher number, the date or dates of the invoices or bills, the name of the payee and the amount of the claim. Where two or more bills are embraced in one voucher, the dates of the earliest and latest are given.

If the vouchers are found to be correct, and properly payable to the respective claimants, it will be my endeavor to have the warrants therefor made ready for payment within the next seven days.

If any claimant within the time stated does not receive his warrant or a written notice in relation thereto, then written or verbal inquiry may be made at this office, using the Department of Finance voucher number as a ready means of reference.

WM. A. PRENDERGAST, Comptroller.

Finance Vouch- er No.	Invoice Dates.	Name of Payee.	Amount
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## Armory Board.

156570	11-30-13	Central Transfer Co. ....	\$1 00
156571		Thomas F. Dwyer .....	10 50
156616	10-24-13	Bloomington Bros. ....	65 50
156617	11-22-13	William J. Olvany .....	964 00
156618	6-26-13	Charles F. Hubbs & Co. ....	25 29
156619	11-14-13	Charles F. Hubbs & Co. ....	27 00
156620	11-17-13	New York Silicate Book Slate Co. ....	18 00
156621	11-29-13	C. J. Tagliabue Mfg. Co. ....	2 63
156622	11-13-13	John Simmons Co. ....	4 50
156623	11- 7-13	Henry Berau .....	40 50
156624	12- 1-13	A. B. Dick Co. ....	24 30
156625	12- 8-13	C. L. Dooley, Inc. ....	235 25
156626	11-20-13	N. J. Schery .....	70 00
156627	11-21-13	T. J. Cummins Plumbing Co. ....	10 15
156628	11-21-13	T. J. Cummins Plumbing Co. ....	13 50
156629	10- 8-13	Charles F. Hubbs & Co. ....	14 94
156630	12- 3-13	Henry Berau .....	104 94
156631	11-26-13	Keuffel & Esser Co. ....	225 00
156632	12- 1-13	A. Pearsons .....	130 00
156633	12- 3-13	Hammacher, Schlemmer & Co. ....	7 08
156634	12- 4-13	T. E. Quinn .....	75 00
156635	11-25-13	T. J. Cummins Plumbing Co. ....	279 14
156636	12- 6-13	First Battery Farm. ....	138 00
156637	12- 2-13	Woolf's Hypozone .....	85 00
156638	11-18-13	Samuel Pollack .....	3 00
156639	11-29-13	Samuel Pollack .....	15 36
156640	12- 6-13	T. E. Quinn .....	25 00
156641	12- 5-13	T. E. Quinn .....	25 00
156642	4-11-13	John Simmons Co. ....	5 32
156643	12- 8-13	Cortlandt Engineering Co. ....	6 90
156654	11-10-13	General Electric Co. ....	17 70
156655	10- 2-13	Cortlandt Engineering Co. ....	121 07
156656	11-20-13	Frank H. Hine .....	10 00
156664	10-21-13	Art Metal Construction Co. ....	99 00
156645	11-21-13	Samuel Pollack .....	33 69
156646	12- 4-13	T. E. Quinn .....	14 00
156647	12- 8-13	Pilcher & Tachau .....	61 43
156648	12- 5-13	G. Stanton .....	819 00
156649	12- 6-13	Steeple Jack Hughes .....	220 00
156650	11-29-13	Joshua Horrocks, Inc. ....	85 00
156651	11-29-13	Henry White .....	48 00
156652	11-12-13	Henry Berau .....	141 20
156653	11- 4-13	Gibson Iron Works Co. ....	13 50

## Department of Bridges.

156315	12- 3-13	Semet Solvay Co. ....	\$35 00
156316	12- 5-13	E. F. Keating Co. ....	17 25
156317	11-22-13	H. E. Grupe .....	20 60
156318	11-13-13	A. P. Dienst Co., Inc. ....	19 54
156319	12- 5-13	R. G. Green .....	11 03
156320	12-11-13	P. T. Cox .....	684 02
156321	12- 8-13	Library Bureau .....	9 00
156322	12-11-13	New York Railways Co. ....	100 00
156445		The Barber Asphalt Paving Co. ....	952 88
156551	12-12-13	The J. W. Pratt Co. ....	9 00
156552	12- 1-13	Thos. W. Kiley & Co. ....	12 21
156553	12-10-13	Sibley & Pitman .....	6 50
156554	12- 9-13	Froment & Co. ....	26 12
156555	12- 3-13	E. Schoonmaker Co. ....	10 46
156556	12- 5-13	The Goodyear Rubber Tire Co. ....	21 33
156557	12- 4-13	Eug. Bournonville Welding Co. ....	19 50
156558	12-10-13	The Oxy-Acetylene Appli- cance Co. ....	7 13
156559	12- 8-13	Remington Typewriter Co., Inc. ....	66 55

## Bellevue and Allied Hospitals.

153894		The S. S. White Dental Mfg. Co. ....	\$14 92
153895	11- 6-13	Taylor Instrument Co. ....	2 50
153896	9-29-13	Troy Laundry Machinery Co. ....	5 00
153897	9-17-13	George Tiemann & Co. ....	78 28
153898	9-19-13	Underwood Typewriting Co., Inc. ....	3 00
153899	10-10-13	Valentine & Co. ....	5 10
153900	10-27-13	Wappler Electric Mfg. Co. ....	2 70
153901	9-17-13	John J. Weststead .....	18 00
	10-18-13	Yawman & Erbe Mfg. Co. ....	4 05

Finance Vouch- er No.	Invoice Dates.	Name of Payee.	Amount.
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156903	10- 1-13	The Yale & Towne Mfg. Co	1 81
156904	9- 8-13	D. B. Pershall & Son. ....	4 50
156905	12- 1-13	Martin Kelly & Co. ....	816 40
156906	7- 1-13	G. & F. Tyre Repairing & Supply Co. ....	58 53
156915	10-25-13	J. E. Kennedy & Co. ....	13 00
156916	10-24-13	Kalt Lumber Co. ....	44 50
156917	11-13-13	The Frank Richard & Gard- ner Co. ....	62 00
156918	8-29-13	The Fairbanks Co. ....	5 12
156919	10-29-13	Robert Ferguson .....	3 16
156920	10-10-13	M. Fauhaber .....	37 50
156921	10- 8-13	Greenhut-Siegel Cooper Co.	426 35
156922	10- 4-13	Gimbel Brothers .....	50 28
156923		G. & F. Tyre Repairing & Supply Co. ....	49 55
156924	6-21-13	A. & W. Gray Co. ....	341 04
156925	10-31-13	J. F. Gysen .....	163 25
156926	11-10-13	John Greig .....	1 60
156927	10-30-13	High Grade Oil Refining Co.	19 76
156928	9- 1-13	Hull, Grippen & Co. ....	20 73
156929		Hammacher, Schlemmer & Co. ....	29 20
156930	10- 3-13	H. Hahnenfeld .....	21 48
156931	10-18-13	The Hart & Hutchinson Co.	33 90
156932	10- 4-13	Herring-Hall-Marvin Safe Co. ....	30 00
156933	10-27-13	Frank A. Hall & Sons. ....	30 00
156934	11- 7-13	Wm. H. Jacobus .....	7 20
156935	11- 3-13	J. N. Jeffares .....	21 89
156936	10- 9-13	W. J. Jeandron .....	4 50
156937	10-11-13	Jordan Bros. ....	165 90
156938	11- 3-13	Kuffin & Demarest Co. ....	1 80
156939	8-26-13	High Grade Oil Refining Co.	10 00
156940	9-29-13	Wells & Newton Co. ....	115 00
156958	11-11-13	Chas. H. Matlage .....	22 80
156959	9-18-13	Manhattan Electrical Sup- ply Co. ....	19 42
156969	10-27-13	Meincke & Co. ....	157 97
156961	10-13-13	Mead, Johnson & Co. ....	30 00
156962	10-25-13	E. B. Meyrowitz .....	21 00
156963	10-31-13	Nason Mfg. Co. ....	9 00
156964	9-19-13	New York French Range Co. ....	4 75
156965	10-31-13	The New York World. ....	1 83
156966	8- 5-13	Neal & Brinker Co. ....	13 73
156967	11- 6-13	New York Soap Works. ....	75 96
156968	10- 2-13	New York Stencil Works..	2 16
156969	10-21-13	New York Belting and Pack- ing Co. ....	37 29
156970	10-28-13	W. R. Ostrander & Co. ....	2 13
156971	10-30-13	Peerless Rubber Mfg. Co. ....	18 50
156972	6-30-13	Postal Tel. Cable Co. ....	24 00
156973	10-28-13	Pittsburgh Plate Glass Co. ....	16 85
156974	10-16-13	Geo. Poll & Co. ....	10 00
156975	8-31-13	D. B. Pershall & Son. ....	31 73
156976	10-18-13	C. Edward Reid .....	40 00
156977		Remington Typewriter Co. ....	18 00
156978	10-21-13	R. & L. Co. ....	5 93
156979		G. E. Stechert & Co. ....	5 70
156980	10-24-13	Clinton Skillman .....	3 00
156981	10-28-13	M. B. Scott & Co. ....	27 00
156982	10-30-13	Sutphen & Myer .....	4 00
156983	10- 8-13	Standard Oxygen Co. ....	1 20
156984	11- 1-13	J. Saron .....	30 00
156985	10-15-13	Scientific Equipment Co. ....	22 50
156986	10- 8-13	The Standard Electric Time Co. ....	6 80

## County Clerk, Richmond County.

156914		Staten Island Progressive..	\$142 00
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## Department of Correction.

156987	11-12-13	J. Edward Ogden Co. ....	\$288 87
156988	11-10-13	Max Braucunig .....	7 25
156989	11-30-13	G. Haussler & Bro. ....	11 00
156990	4-19-13	Hull, Grippen & Co., Inc. ....	20 45
156991	10-24-13	Henry Kaplan .....	33 25
156992	11-29-13	Kipp Wagon Co. ....	18 60
156993	11-30-13	J. & J. Marcus .....	2 85
156994	11-29-13	M. Reidy .....	7 05
156995	10-14-13	John W. Sullivan .....	47 00
156996	10-24-13	The Fairbanks Co. ....	60 00
156997	10-22-13	Troy Laundry Machinery Co., Ltd. ....	5 25
156998	11-29-13	Imperial Garage .....	25 00
156999	11-29-13	C. J. Chapman .....	8 00
157000	11-26-13	East Side Horse Clipping Establishment .....	4 00
157001	10-31-13	Excelsior Stable Co. ....	60 00
157002	11-29-13	R. J. McArdle .....	53 50
157003	11-29-13	Smith's Boarding and Liv- ery Stables .....	60 00
157004	11-27-13	East Side Horse Clipping Establishment .....	10 00
157005	7-31-13	General Gas Light Co. ....	36 60
157006	11-30-13	Chas. H. Zimmermann .....	20 00
157007	10-31-13	Star Window and House Cleaning Co. ....	19 00
157008	11-29-13	Imperial Stables .....	1 50
157009	11-21-13	Candee, Smith & Howland..	19 25
157010	6-12-13	De La Vergne Machine Co.	310 00
157011	11-24-13	Joseph D. Duffy .....	69 40
157012		Thomas C. Dunham .....	7 70
157013	11-16-13	Stanley & Patterson .....	75 64
157014	11- 8-13	Thos. A. Glendinning .....	7 50

Finance Vouch- er No.	Invoice Dates.	Name of Payee.	Amount.
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157015	10-15-13	Pierce, Butler & Pierce Mfg. Co. ....	138 89
157016	11-14-13	Wm. P. Youngs & Bros. ....	15 20
157017	10-31-13	Foster-Scott Ice Co. ....	22 38
157088		Foster-Scott Ice Co. ....	52 90
157089	11-29-13	Imperial Garage .....	6 00
157090	11-29-13	D. H. McIlvain .....	20 74
157091	11-28-13	Hull, Grippen & Co. ....	90 00
157092	11-13-13	Adam Cook's Son. ....	20 00
157093	11- 1-13	J. W. Buckley Rubber Co. ....	3 80
157094	11-18-13	Cavanagh Bros. & Co. ....	75 00
157095	11-12-13	D. H. McIlvain .....	7 50
157096	11-14-13	Wm. P. Miller's Sons. ....	14 20
157097	11-28-13	Otis Elevator Co. ....	2 40
157098	11-11-13	The Frank Richard & Gard- ner Co. ....	18 00
157099	10-11-13	The Texas Co. ....	17 31
157100	8-11-13	The Smith Worthington Co.	6 00
157101	11-29-13	Imperial Garage .....	5 00
157102	11-10-13	Chas. E. Miller .....	7 30
157103	11-10-13	H. W. Johns-Manville Co.,	131 40
157104	11-20-13	Singer Sewing Machine Co.	1 80
157105	11-28-13	Candee, Smith & Howland Co. ....	3 70
157106	12- 1-13	Cavanagh Bros. & Co. ....	1 00
157107	9-30-13	F. N. Du Bois & Co. ....	40 50
157108	12- 3-13	Lippman & Co. ....	4 95
157109	11-13-13	Jacob Pfeffer .....	101 25
157110	10-31-13	Pittsburgh Plate Glass Co.	4 63
157111	10-30-13	John A. Roebeling Sons Co.	12 50
157112	8-22-13	John Simmons Co. ....	26 46
157113	10-28-13	Jas. S. Barron & Co. ....	237 08
157114	11-10-13	Jos. M. Gottesman .....	132 80
157115	11-15-13	J. F. Herbert .....	184 80
157116		Ogden & Wallace .....	132 72

## Normal College.

156718	10-21-13	Dr. F. Krantz.....	\$18 13
156719	10-31-13	Dr. Margaret B. Wilson....	246 00
156720	11- 8-13	E. Steiger & Co. ....	1 50
156721	11-21-13	The Metropolitan Museum of Art .....	30 00
156726	9-11-13	Jean Montandon .....	83 26
156727	8-25-13	A. S. Wickert .....	80 00
156728	3-15-13	The Kny-Scheerer Co. ....	12 00
156729	10-15-13	The Kny-Scheerer Co. ....	45 00
156730	5-13-13	G. Schirmer .....	54 90
156731	9- 3-13	J. L. Hammett Co. ....	45 50
156732	9-22-13	Charles E. Fitchett .....	5 00
156733	10- 9-13	J. S. Babcock Co. ....	5 00
156734	10-17-13	J. W. Schermerhorn & Co. ....	2 63
156735	10-22-13	Jackson Stationery Co. ....	3 00
156736	10-23-13	Henry Bainbridge & Co....	1 71
156737	10-27-13	Otto Knoll Co. ....	15 00
156738	11- 1-13	Eimer & Amend .....	6 15
156739	11- 6-13	Chas. Beseler Co. ....	11 88
156740	11-10-13	McKinley Pub. Co. ....	3 70
156741	11- 2-13	M. H. Hartmann .....	53 02
156742	10-16-13	Scientific Equipment Co....	4 50
156743	10- 6-13	John Wanamaker .....	4 28
156744	9- 9-13	O. T. Louis Co. ....	7 86
156745	8-14-13	Barnett Bernstein .....	75 00
156746	10-22-13	Barnett Bernstein .....	9 00
156747	9-11-13	J. Z. Hermansen .....	49 00
156748	9-13-13	H. Sacks .....	20 77
156749	10- 1-13	Michael Fogarty .....	9 80
156750	10- 1-13	J. Rosenthal .....	1 05
156751	10- 8-13	Herman Auskulat .....	74 02
156752	7-31-13	F. Schillinger .....	6 50
156753	9-30-13	F. Schillinger .....	12 75
156754	10-25-13	Dr. R. B. Earle.....	4 64
156755	10-30-13	R. P. Baker .....	1 60
156756	10- 1-13	Steinway & Sons.....	13 50
156757	11-25-13	Dr. Margaret B. Wilson...	2 00
156758	11-12-13	John A. O'Dowd .....	54 30
156759	11-10-13	John J. Demarest.....	80 00

Finance Voucher No. Invoice Dates. Name of Payee. Amount.				Finance Voucher No. Invoice Dates. Name of Payee. Amount.				Finance Voucher No. Invoice Dates. Name of Payee. Amount.			
Department of Education.				156874 10-24-13 M. J. Tobin..... 9 13				156268 Henry Lockhart, Jr..... 11,638 55			
156292	12- 9-13	E. L. Bradefield.....	\$1,854 02	156875	8-30-13	D. C. Heath & Co.....	848 62	156269	Lon Makowski et al.....	604 94	
156293		E. L. Bradefield.....	720 78	156876	9- 5-13	The Macmillan Co.....	60 00	156270	Stanislaus Makoski et al.....	10,494 28	
156294	12- 9-13	E. L. Bradefield.....	2,204 02	156877	10-23-13	F. W. Devoe & C. T. Ray-		156271	Mechanics Bank of Brook-		
156295	12-10-13	E. L. Bradefield.....	602 28			nolds Co.....	7 20		lyn.....	2,101 93	
156296	12- 9-13	E. L. Bradefield.....	177 71	156878	10-23-13	Kolesch & Co.....	70	156272	Catherine McBride.....	686 97	
156405	12-15-13	Flanagan, Fay Co.....	450 00	156879	8-21-13	The Macmillan Co.....	572 49	156273	Peter J. McGarry.....	4,203 86	
156406	12-13-13	A. W. King.....	1,980 00	156880	10-28-13	Henry Holt & Co.....	102 10	156274	Thomas McGarrigle et al.....	4,101 33	
156407	12-15-13	Johnson Service Co.....	425 00	156881	1-28-13	Henry Holt & Co.....	50 40	156275	Thomas McGee, Jr., et al.....	922 80	
156408	12-15-13	Paul J. Exner Co.....	19,377 00	156882	10-28-13	Henry Holt & Co.....	40 00	156276	Edward J. Neary et al.....	15,067 27	
156409	12-10-13	Nicholas P. Lorenzo.....	1,170 00	156883	10-28-13	The Century Co.....	25 00	156277	Elizabeth Neary et al.....	25 66	
156410	12-12-13	Nicholas P. Lorenzo.....	1,507 50	156884	10-27-13	D. Appleton & Co.....	104 00	156278	Robert S. Neely.....	5,895 66	
156722	11-10-13	A. W. Ross.....	145 12	156885	8-18-13	Ginn & Co.....	80 00	156279	Jacob Raikes.....	6,767 20	
156723	11- 1-13	American Express Co.....	31 55	156886	10-20-13	Longmans, Green & Co.....	36 75	156280	Martin J. Reilly.....	9,843 20	
156724		Pat'k J. Sullivan.....	3 55	156887	6-25-13	The Manhattan Supply Co.	4 12	156281	Matilda Stevenson.....	10,540 42	
156725	10- 9-13	Chas. Beseler Co.....	80	156888		Otto G. Smith.....	20 10	156282	Rose Stumberice.....	3,537 40	
156806	11-29-13	The J. W. Pratt Co.....	4,052 55	156889		Abraham & Straus.....	103 98	156283	John Tomascumas et al.....	1,286 79	
156807	10-14-13	Samuel Lewis.....	15 00			Fred'k Pearce Co.....	5 14	156284	Joseph Wasilkowski et al.....	1,358 56	
156808	9-15-13	C. S. Hammond & Co.....	5 00			Hopper Paper Co.....	737 50	156285	Patrick J. White.....	820 26	
156809	11-10-13	Theo. B. Thompson.....	15 00			D. C. Heath & Co.....	116 56	156286	Patrick J. White, Executor,		
156810	10-27-13	Parker P. Simmons.....	426 65	157082	10-31-13	A. Silz, Inc.....	9 09		Estate of Rose White, De-		
156811	10-27-13	Parker P. Simmons.....	56 00	157083	10-21-13	Edit & Weyand.....	18 00	156287	Louis Wobbernowsky et al.....	884 86	
156812	9- 5-13	The Macmillan Co.....	2 40	157084	11-29-13	Chas. Schaefer, Jr.....	21 25	156288	Charles L. Wright.....	4,205 56	
156813	10-16-13	Scott, Foresman & Co.....	24 00	157085	12-12-13	Maclin, Zimmer Tobacco Co.	497 80	156289	Helen D. Leonhardt.....	19,873 49	
156814	10-16-13	Ginn & Co.....	48 00	157086	11-22-13	Department of Public Char-		156290	Peter Neary & Son Co.....	4,367 92	
156815	10- 6-13	C. H. Congdon.....	8 00			ities.....	25 00	156291	Standard Oil Co., New York	22,706 51	
156816	10-15-13	Ginn & Co.....	149 60	157087	11-20-13	Wagner Oil Co.....	5 00	156292	Brooklyn Training School		
156817	10-30-13	American Book Co.....	180 00					156293	and Home for Young Girls.	463 18	
156818	10-27-13	American Book Co.....	1,450 00					156294	Catholic Home Bureau.....	547 50	
156819	12-16-13	D. C. Heath & Co.....	182 40					156295	Dominican Convent of Our		
156820	11-14-13	American Book Co.....	81 60	156372	11-30-13	Great Bear Spring Co.....	\$1 50	156300	Lady of the Rosary.....	10,826 98	
156821	10-31-13	American Book Co.....	2,224 21	156373	11-20-13	Metropolitan Life Insurance		156301	Good Counsel Training School		
156822	11-14-13	American Book Co.....	3 12			Co.....	6 45	156302	for Young Girls.....	93 26	
156823	9-13-13	Greenhut-Siegel Cooper Co.	7 69	156374	12-10-13	Tower Mfg. & Novelty Co.	13 00	156303	Har Moriah Hospital.....	465 00	
156824	9-16-13	The Kny-Scheerer Co.....	2 94	156375	12-15-13	Remington Typewriter Co.	17 00		Howard Orphanage and In-		
156825	9- 5-13	The Macmillan Co.....	4 80	156376	12-15-13	T. M. Stewart.....	3 76		dustrial School.....	45 36	
156826	10-17-13	Fred'k Pearce Co.....	1 88	156377	12-15-13	Tower Mfg. & Novelty Co.	19 25	156304	Lebanon Hospital Associa-		
156827	9-25-13	Parex Manufacturing Co.....	25 02					156305	tion.....	2,497 20	
156828	10-27-13	H. T. Dakin.....	2 66					156306	Methodist Episcopal Hospi-		
156829	10-27-13	Longmans, Green & Co.....	60 00	156233		Louis Sherry or Franklin		156307	tal in the City of Brooklyn.	684 83	
156830	10-23-13	O. T. Louis Co.....	4 58	156234		Bien, Attorney.....	\$5,635 60	156308	Manhattan Eye and Ear and		
156831	9- 8-13	O. T. Louis Co.....	10 75	156235		George H. Parshall.....	450 00	156309	Throat Hospital.....	786 05	
156832	5-22-13	Paul Baron.....	104 88	156236		James H. Beals.....	2,584 33	156310	New York Foundling Hospi-		
156833	12-13-13	Sohmer & Co.....	585 00	156237		Borden's Condensed Milk		156311	tal.....	26,088 11	
156834	10- 4-13	Silver, Burdett & Co.....	1 68	156238		Co.....	81,378 21	156312	S. Catharines Hospital.....	2,165 55	
156835	10- 3-13	Silver, Burdett & Co.....	175 99	156239		Bridget G. Foy.....	2,126 51	156313	St. Johns Long Island City		
156836	10-21-13	M. J. Tobin.....	39 50	156240		Bridget G. Foy.....	466 00	156314	Hospital.....	3,062 35	
156837	1-24-13	Henry Holt & Co.....	16 00	156241		Jarvis S. Hicks, etc.....	15,758 09	156315	St. Josephs Hospital, New		
156838	2-26-13	O. T. Louis Co.....	1 64	156242		Henry Van Rensselaer Ken-		156316	York City.....	7,900 80	
156839	7-25-13	The Manhattan Supply Co.	123 26			neddy.....	1,575 81	156317	St. Michaels Home.....	557 31	
156840	10-24-13	American Book Co.....	54 40	156243		David Thomson, Eliz. M.		156318	Benton Hospital, New York		
156841	10-24-13	American Book Co.....	27 20			Thomson et al.....	108,683 05	156319	City.....	11,131 20	
156842	10-24-13	American Book Co.....	63 36	156244		Thompson-Hill Land Im-		156320	The Jewish Hospital.....	3,205 91	
156843	10-30-13	J. L. Hammett Co.....	20 75	156245		prove Co.....	16,433 79	156321	Catholic Institute for the		
156844	10-20-13	Eagle Pencil Co.....	73 78	156246		Dean Alvord Securities Co.	12,169 48	156464	Blind.....	93 00	
156845	10-30-13	Owen M. Dawson.....	68	156247		Degnon Realty & Terminal		156465	Ascher Detective Agency...	70 00	
156846	10-30-13	Parker P. Simmons.....	42 76	156248		Improvement Co.....	3,527 16	156466	Samuel Carleton et al.....	1,138 31	
156847	10-30-13	Arkay Rubber Co.....	118 08	156249		Degnon Realty & Terminal		156467	Eugene Lamb Richard, Jr.,	954 57	
156848	11-10-13	Paul Baron.....	1 19	146247		Improvement Co.....	14,618 12	156468	Brooklyn Bar Association..	319 00	
156849	9-22-13	Peter J. Constant.....	5 70	156248		Arthur E. Keating.....	6,048 43		American Surety Co. of N.		
156850	8-14-13	Gerry & Murray.....	231 22	156249		Packard Motor Car Co.....	10,952 21	156469	Y.....	3 60	
156851	9-15-13	Parex Manufacturing Co.....	3 13	156250		Thomson, Van Dam Land			American Surety Co. of N.		
156852	10- 2-13	Koller & Smith Co.....	28 51	156251		Co.....	9,018 45	156470	Y.....	12 50	
156853	8-14-13	Hammacher, Schlemmer Co.	106 35	156252		David Thomson et al.....	33,776 56		American Surety Co. of N.		
156854	9-22-13	F. W. DeVoe & C. T. Ray-		156253		Thompson-Hill Land & Im-		156471	Y.....	6 25	
		nolds Co.....	819 94	156254		provement Co.....	2,110 44	156472	National Surety Co.....	10 00	
156855	8-30-13	Hopper Paper Co.....	23 46			Charles L. Wright.....	6,720 47	156473	National Surety Co.....	9 00	
156856	8-25-13	Chas. Scribner's Sons.....	3 96			Leonhard Bloomfield.....	5,761 34	156474	National Surety Co.....	7 50	
156857	10-18-13	Paul Baron.....	47 10	156255		L. Bloomfield and Anna		156475	National Surety Co.....	10 00	
156858	10-27-13	The J. W. Pratt Co.....	79 35	156256		Bloomfield and E. Van Dam.	1,025 33	156476	National Surety Co.....	10 00	
156859	10-23-13	M. J. Tobin.....	9 90	156257		John Canavan.....	4,819 06	156477	National Surety Co.....	37 50	
156860	10- 4-13	The J. W. Pratt Co.....	4 50	156258		Thomas Carroll et al.....	5 12		Collector of Assessments		
156861	10-24-13	O. T. Louis Co.....	25 26	156259		William Collins.....	1,308 67	156478	and Arrears.....	4,179 93	
156862	10-10-13	Ginn & Co.....	20 00	156260		Delia Conroy.....	1,384 20	156479	The Corn Exchange Bank..	31 25	
156863	10-25-13	American Book Co.....	29 50	156261		Mary Ann Conroy.....	1,845 60		Sarah J. Catterson, Guardian,		
156864	10- 7-13	Paul Baron.....	6 25	156262		Christopher Cunningham..	4,463 27	156480	Estate of John M. Catterson	50 00	
156865	10-23-13	M. J. Tobin.....	8 87	156263		Degnon Realty & Terminal		156481	Theresa Vogel.....	5 83	
156866	10-10-13	Ginn & Co.....	4 80	156264		Improvement Co.....	375 27	156482	Jos. Miller.....	3 00	
156867	10-10-13	Ginn & Co.....	10 40	156265		Robert Etherson et al.....	4,224 37		N. Y. Fire Department Re-		
156868	10- 3-13	Geo. T. Montgomery.....	3 00	156266		Kasper Galchus et al.....	2,973 46	156483	lief Fund, Jos. Johnson,		
156869	10-14-13	Samuel Lewis.....	11 10	156267		Rose Hayman.....	1,538 00		Commissioner.....	70,147 06	
156870	10- 9-13	Jas. S. Barron & Co.....	3 52			Matyas Janata & Jennie			J. A. Fischer.....	31 08	
156871	10- 2-13	The Combination Rubber				Janata.....	7,587 46				
		Mfg. Co.....	43 20			Theodora Klesh.....	2,703 80				
156872	9-29-13	Barnett & Brown.....	1 90			John Krofta and Eva Krofta.	10,109 78				
156873	10- 1-13	Hammacher, Schlemmer Co.	5 28								

(Continued on Page 1181.)

(Continued on Page 11881.)

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

## STATED MEETING.

Tuesday, December 16, 1913, 1.30 o'Clock P. M.

The Board met in the Aldermanic Chamber, City Hall.

Present:

Aldermen

O. Grant Esterbrook,  
Vice-Chairman.  
Niles R. Becker.  
Daniel M. Bedell.  
John A. Bolles.  
John H. Boschen.  
Robert H. Bosse.  
William D. Brush.  
Michael Carberry.  
Charles P. Cole.  
Daniel R. Coleman.  
Frank Cunningham.  
Henry H. Curran.  
Charles Delaney.  
James L. Devine.  
John Diemer.  
Frank T. Dixon.  
Leo V. Doherty.  
Bernard E. Donnelly.  
Frank J. Dotzler.  
Frank L. Dowling.  
Robert F. Downing.  
Alexander Dujat.  
Charles W. Dunn.

John T. Eagan.  
Edward Eichhorn.  
William Fink.  
Ralph Folks.  
John S. Gaynor.  
Otto C. Gelbke.  
Edward V. Gilmore.  
Henry F. Grimm.  
James Hamilton.  
Joseph M. Hannon.  
Abram W. Herbst.  
Oscar Igstadter.  
William P. Kenneally.  
Francis P. Kenney.  
Max S. Levine.  
Nathan Lieberman.  
John Loos.  
John McCann.  
John F. McCourt.  
William P. McGarry.  
Thomas A. McGrath.  
Samuel Marks.  
James F. Martyn.

James J. Molen.  
Jesse D. Moore.  
George A. Morrison.  
Otto Muhlbauer.  
Thomas J. Mulligan.  
Courtlandt Nicoll.  
James J. Nugent.  
George M. O'Connor.  
John J. O'Rourke.  
William H. Pendry.  
Charles A. Post.  
Hyman Pouker.  
John J. Reardon.  
Philip J. Schmidt.  
W. Augustus Shipley.  
James J. Smith.  
Michael Stapleton.  
Frederick H. Stevenson.  
Jacob J. Veltin.  
Louis Wendel, Jr.  
James R. Weston.  
John J. White.  
Frederick H. Wilmot.

Cyrus C. Miller, President Borough of The Bronx, by Thomas W. Whittle, Commissioner of Public Works.

George McAneny, President, Borough of Manhattan.

The Vice-Chairman announced that Alderman Walsh had been excused from attendance.

The Clerk proceeded to read

## SUBSTITUTE.

AN ORDINANCE repealing section 313, relating to public carts and cartmen and substituting a new section in lieu thereof.

Be It Ordained by the Board of Aldermen of The City of New York as follows: That section 313 of the Code of Ordinances of The City of New York be and the same is hereby repealed, and the following section is hereby substituted in lieu thereof.

313. The legal rates for moving furniture and/or household goods, including the loading and unloading thereof, unless otherwise mutually agreed upon in advance, shall be as follows:

1. For furniture and/or household goods (other than pianos) where a one-horse vehicle (including the driver thereof) is used, \$1.25 per hour; where a two-horse vehicle (including the driver thereof) is used, \$1.50 per hour; where any automobile, autocar, or other similar motor vehicle is used (including the operator thereof), \$2.75 per hour; for the service of each man in addition to the operator or driver, 50 cents per hour.

In case any vehicle, while engaged in transportation of such furniture and/or household goods, shall break down, or become disabled, no charge shall be made for the period of such disability.

2. For transporting pianos, where the distance to be traveled is three miles or less, \$3; for each additional mile, or part thereof, 50 cents; for transporting pianos, either up or down one or more flights, 50 cents for each flight; for transporting pianos up or down by means of elevator, \$1 additional; for each use of a hoist, \$5 additional.

This ordinance shall take effect immediately.

## ORIGINAL.

AN ORDINANCE repealing section 313 relating to public carts and cartmen, and substituting a new section in lieu thereof.

Be It Ordained, By the Board of Aldermen of The City of New York, as follows: That section 313 of the Code of Ordinances of The City of New York be and the same is hereby repealed, and the following section is hereby substituted in lieu thereof:

313. The legal rates to be charged for the use of any public cart licensed under the provisions of this article, and for the loading and unloading of the same, unless otherwise mutually agreed upon in advance, shall be as follows:

1. For goods, wares and merchandise, and/or household furniture (other than pianos) where a one-horse vehicle (including the driver thereof) is used, \$1.25 per hour; where a two-horse vehicle (including the driver thereof) is used, \$1.75 per hour; where any automobile, auto car, or other similar motor vehicle is used (including the operator thereof), \$3.50 per hour; for the service of each man in addition to the operator thereof, 50 cents per hour; time reasonably necessary for said vehicle to travel from office to place of loading or unloading, and return to office, to be included and charged according to rates herein prescribed.

In case any vehicle, while engaged in transportation of goods, wares or merchandise, and/or household furniture, shall break down, or become disabled, no charge shall be made for the period of such disability.

2. For pianos, where the distance to be traveled is three miles or less, \$3; for each additional mile or part thereof, 50 cents; for transporting pianos either up or down one or more flights of stairs, 50 cents per each flight; for use of elevator, \$1 each way; for use of a hoist, \$5 additional.

This ordinance shall take effect immediately.

COURTLANDT NICOLL, SAMUEL MARKS, JAMES HAMILTON, JOHN A. BOLLES, WM. D. BRUSH, FRANK CUNNINGHAM, Committee on Laws and Legislation.

Report of Committee on City Conditions and Ordinances.

November 13, 1913.

To the Executive Committee of the Board of Directors:

Gentlemen—The existing City ordinance which purports to regulate the charge for public carts was enacted many years ago. The conditions surrounding transportation of this class have greatly changed and the old ordinance is almost wholly without effect, the charge made being generally a matter of agreement. The business is, therefore, without effective regulation.

The charges prescribed by the old ordinance were as follows:

For a single truck load within two miles, \$2; for every additional mile or part thereof, 50 cents; for loading, unloading and housing to ground floor, 50 cents; for each flight of stairs, up or down, 25 cents; for a double truck load within two miles, \$3; for every additional mile or part thereof, \$1; for loading, unloading and housing to ground floor, 50 cents; for every flight of stairs, up or down, 50 cents.

The conditions in this City have so changed that the element of distance has become of minor importance, while the element of delay and of time consumed at terminals greatly predominates.

In office buildings the service of elevators is available only at fixed hours or by definite arrangement in advance, and commonly involves long waits in the delivery of merchandise. In apartment houses likewise there is much delay due to this cause.

Aside from bare transportation the business has developed into that of packing and assembling, and much time is consumed in the careful handling of valuable articles to insure safe transportation.

The distance basis of charge makes no recognition of these increased elements of cost, and it is the opinion of your Committee that a new ordinance is desirable in which the charge shall be by the hour in place of by distance. Such an ordinance is now pending before the Board of Aldermen.

The proposed charges are as follows:

For a one-horse vehicle, including driver, \$1.25 per hour; for a two-horse vehicle, including driver, \$1.75 per hour; motor vehicle, including operator, \$3.50 per hour. Helpers, 50 cents per hour.

Time reasonably necessary for vehicle going to place of loading or unloading and returning to office to be included and charged according to the rate prescribed. No charge to be made for time lost by breakdown or disability.

For pianos, where the distance is three miles or less, \$3; for each additional mile or part thereof, 50 cents. For transporting piano either up or down one or more flights of stairs, 50 cents for each flight. For use of elevator, \$1 each way. For each use of a hoist, \$5 additional.

Your committee has considered these time rates with reference to their own experience, the value of service rendered, and the element of time lost during periods of non-operation, and is of the opinion that the rates are fair and should become law. The public on the whole will probably pay but little, if any, more than at present, but the charge will be more equitably distributed, for the reason that the users of such vehicles will have it in their own power, in many cases, to expedite the process of moving, and thereby to reduce the time required to a minimum with a saving to themselves.

At present considerable time losses are imposed upon van owners by the negligence or indifference of those with whom they have contracts, through failure of the former to observe hours of appointment, and properly to prepare the way for the movers. This negligent class will be compelled to pay more than at present, but justly so, and they will have it within their power to reduce the charge by proper observation of the obligations.

We therefore recommend the approval of the new ordinance and ask that this committee be empowered to appear before the Board of Aldermen in its support.

The scale of time charges set forth above has been in operation in other cities with general satisfaction, the complaints in Chicago, for example, which were numerous before the adoption of this scale having been reduced to a negligible number. Respectfully submitted, (Signed.) JOHN C. EAMES, Chairman.

Approved by the Board of Directors, November 20, S. L. MEAD, Secretary, Merchants' Association of New York.

Which was laid over, ordered printed in the minutes and published in full in the CITY RECORD.

## PETITIONS AND COMMUNICATIONS.

No. 5126.

State of New York, Public Service Commission, Second District, Albany, December 10, 1913.

The Board of Aldermen, City of New York, Mr. P. J. SCULLY, Clerk, City Hall, New York City:

Dear Sir—The resolution of the Board of Aldermen as transmitted by you under date of December 3 has been received by the Commission and has been filed in the pending proceedings relating to telephone rates in New York City. The resolution of the Board of Aldermen will be regarded as an additional and general complaint

on behalf of The City of New York. A copy of the resolution and of this letter will be transmitted to the New York Telephone Company.

In connection with this case and the complaint which has now been filed by the Board of Aldermen, it is proper to point out that in the event an inventory and appraisal of the property devoted by the New York Telephone Company within The City of New York to public use, under decisions in the Supreme Court of the United States and under section 97 of the Public Service Commission Law, shall become necessary, it will be indispensable that provision be made for the expense of making such appraisal and inventory on behalf of the public. It is assumed that The City of New York will in that event provide a sufficient appropriation for that purpose, and it is suggested that, in anticipation of such expense being required, suitable action be taken in relation thereto.

Section 97 of the Public Service Commission Law provides that the Commission in fixing the rates of telephone corporations shall do so with due regard, among other things, to a reasonable average return upon the value of the property actually used in the public service and of the necessity of making reservation out of income for surplus and contingencies. Very respectfully,

MARTIN S. DECKER, Chairman.

State of New York, Public Service Commission, Second District, Albany, December 10, 1913.

Present—Martin S. Decker, Chairman; James E. Sague, Curtis N. Douglas, Devoe P. Hodson.

P. J. SCULLY, Esq., City Clerk, City Hall, New York City:

Herewith is a certified copy of an order of this Commission dated December 10, 1913, in the matter of the complaint of the Board of Aldermen of The City of New York against New York Telephone Company, asking for a five-cent message rate between boroughs and the wiping out of borough toll charges in New York City.

Also herewith is a form of notification to this Commission, under section 23 of the Public Service Commissions Law, of receipt by you of a certified copy of this order. Please sign and acknowledge this notification paper and mail forthwith to this Commission. A certified copy of the order and a copy of the complaint were mailed to the company this day. By the Commission,

FRANK H. MOTT, Secretary.

State of New York, Public Service Commission, Second District.

At a session of the Public Service Commission, Second District, held at the Capitol, Albany, on the 10th day of December, 1913.

Present—Martin S. Decker, Chairman; James E. Sague, Curtis N. Douglas, Devoe P. Hodson, Commissioners.

In the matter of the complaint of the Board of Aldermen of The City of New York against New York Telephone Company, asking for a five-cent message rate between boroughs and the wiping out of borough toll charges in New York City.

The above mentioned complaint having been received and filed,

Ordered, (1) That a copy of the same be forwarded to said New York Telephone Company, and that the matters complained of be satisfied by said company, or that the charges in said complaint be answered in writing on or before December 20, 1913;

Ordered, (2) That, if the complaint be not thus satisfied, the original answer of said company shall be filed with the Secretary of this Commission at Albany and a copy of said answer shall be served by said company, either personally or by mail, upon P. J. Scully, City Clerk, at his office and postoffice address, City Hall, New York City; that proof of such service shall be filed with the Secretary of this Commission, and representative of complainant shall notify the Secretary of receipt of a copy of said answer.

BY THE COMMISSION.

(Seal)

Frank H. Mott, Secretary.

To P. J. SCULLY, City Clerk, Representing Complainant:

Take notice of an order of which I certify the foregoing is a true copy.

FRANK H. MOTT, Secretary.

Which was ordered on file.

No. 5127.

55 Liberty St., December 15, 1913.

Hon. O. GRANT ESTERBROOK, President, Board of Aldermen, 51 Chambers St., City:

Dear Sir—Herewith I transmit a copy of a letter which I have addressed today to Hon. Ardolph L. Kline, Mayor, and Chairman of the Board of Estimate and Apportionment. In this letter I have brought attention to the inadequacy of the present salary paid to the President of the Board of Aldermen, and urged upon the Board of Estimate the advisability of an increase of this salary immediately, pointing out that such action, if taken by the local government, must be had prior to January first, under the Charter.

I desire to urge upon the Honorable Board of Aldermen the desirability of this action, and suggest that if it meets with the approval of the members of the Board it might be taken concurrently with that of the Board of Estimate. My letter to the Mayor more fully states my views, and I beg that you will present it to the Board and consider it a part of this communication. Respectfully yours,

JOHN PURROY MITCHEL.

55 Liberty St., December 15, 1913.

Hon. ARDOLPH L. KLINE, Mayor, and Chairman of the Board of Estimate and Apportionment, New York City.

Dear Sir—In two weeks the new City administration will take office. I am moved at this time to call to your attention a matter concerning which I feel that action should be taken by the City Government at once. It is, moreover, a matter which, under the law, must be dealt with by the existing administration before the first of January if it is to be disposed of at all by the City Government without application to the legislature.

The salary of the President of the Board of Aldermen is fixed at the sum of \$5,000. That salary was established many years ago, at the time of consolidation, when it was assumed that the functions of that office would be confined to attendance at the sessions of the various Boards of which this City officer is a member.

As everyone knows, the office has grown in power and usefulness until today it is of commanding importance in the government of the City. A proper and conscientious discharge of its duties requires the entire time of the incumbent. I feel that I am peculiarly able to draw these facts to your attention, inasmuch as I speak from my own experience in that office.

I do not think that anyone believes that \$5,000 is adequate compensation for an official who can efficiently discharge the duties of this office, or who carries the responsibilities, financial and legislative, that devolve upon him.

We all expect and hope that Mr. McAneny will be able to devote his entire time to the service of the City as President of the Board of Aldermen during the next four years. It is quite unfair to continue to ask the exclusive services of the President of the Board of Aldermen for the compensation now fixed for that office.

I therefore take the liberty of suggesting respectfully to the Board of Estimate that action be taken now, prior to the first of January, fixing the compensation of the President of the Board of Aldermen at \$10,000 per annum. If this action be taken concurrently by your Board and by the Board of Aldermen, to whom I am addressing a like communication, this matter may be adjusted and disposed of by the City Government. If action be delayed until after January 1 legislative action would be required.

I urge upon you the advisability of immediate action. Respectfully yours,

JOHN PURROY MITCHEL.

Which was referred to the Committee on Salaries and Offices. In connection therewith the Vice-Chairman offered the following resolution:

No. 5128.

Whereas, The Honorable John Purroy Mitchel, Mayor-elect of The City of New York, has, in communications addressed respectively to the Mayor of this City and the President of the Board of Aldermen, pointed out the inadequacy of the compensation of the President of the Board of Aldermen, and urges strongly upon this Board the fixation of the salary of the President of the Board of Aldermen at a sum commensurate with the duties and responsibilities pertaining to said office; and

Whereas, This Board is in full accord with and heartily concurs in the opinion as expressed by the Mayor-elect in said communications; therefore, be it

Resolved, That the Board of Estimate and Apportionment be, and it hereby is respectfully requested to adopt appropriate resolutions at its next meeting recommending to this Board the fixation of the salary of the President of the Board of Aldermen at the sum of ten thousand dollars (\$10,000), the same to take effect on January 1, 1914.

Which was unanimously adopted.

## COMMUNICATIONS FROM CITY, COUNTY AND BOROUGH OFFICERS.

The Vice-Chairman laid before the Board the following communication from the Board of Education:

No. 5129.

Board of Education, Park Ave. and 59th St., New York, December 11, 1913.  
President, Board of Aldermen, City Hall, New York City:

Dear Sir—I have the honor to transmit herewith certified copies of resolutions adopted by the Board of Education at a meeting held on December 10, 1913, as summarized below:

1. Relative to funds for carfares of pupils attending the Elementary and Trade School for the Deaf and classes for deaf pupils.
2. Relative to funds for carfares of pupils attending classes for the blind, also for the guides who accompany them to and from school.
3. Relative to funds for petty cash expenses of the principal of the Manhattan Trade School for Girls.
4. Relative to funds for petty cash expenses of the Board of Education.
5. Amending a resolution adopted on October 8, 1913, relative to the issue of special revenue bonds to the amount of \$6,675 for defraying the cost of reconnecting the fire alarm system in sundry school buildings in the Borough of Brooklyn.

Respectfully yours,  
A. E. PALMER, Secretary, Board of Education.  
Resolved, That the resolution adopted by the Board of Education on October 8, 1913 (see Journal, page 1656), relative to the issue of special revenue bonds to the amount of \$6,675 for the purpose of providing means to defray the cost of reconnecting the present fire-alarm system of Public Schools 1, 3, 4, 5, 6, 7, 8, 9, 11, 12, 32, 43, 45, 54, 58, 69, 78, 111, 133, 157, Bay Ridge High School Annex, Manual Training High School Annex and the Office and Storage Building, Borough of Brooklyn, to the new underground fire-alarm telegraph system now being installed by the Bureau of Fire Alarm Telegraph of the Fire Department, be, and it is hereby amended by striking out Public School 43 and Bay Ridge High School Annex, and inserting in lieu thereof Public School 42 and Boys' High School Annex, and that the Board of Aldermen and the Board of Estimate and Apportionment be requested to take such action as may be made necessary by this amendment.

A true copy of resolution adopted by the Board of Education on December 10, 1913.

Resolved, That the Board of Aldermen be, and it is hereby requested to authorize the Comptroller to advance from time to time to the principal of the Elementary and Trade School for the Deaf, Manhattan, from the Special School Fund of the Department of Education for the year 1914, and from items therein contained as specified below, sums not to exceed the several amounts hereunder mentioned, said sums to be used for paying the carfares of pupils attending said school or annexes thereto, and to be accounted for by vouchers to be subsequently submitted for approval:

From No. 950, Borough of Manhattan, \$400; from No. 952, Borough of Brooklyn, \$50; from No. 953, Borough of Queens, \$20.

A true copy of resolution adopted by the Board of Education on December 10, 1913.

Resolved, That the Board of Aldermen be, and it is hereby requested to authorize the Comptroller to advance from time to time to the Inspector of Classes for the Blind, from the Special School Fund of the Department of Education for the year 1914, and from items therein contained as specified below, sums not to exceed the several amounts hereunder mentioned, said sums to be used for paying the carfares of pupils attending classes for the blind, also the guides who accompany them to and from school, in the Boroughs of Manhattan, The Bronx, Brooklyn and Queens, and to be accounted for by vouchers to be subsequently submitted for approval:

From No. 950, Borough of Manhattan, \$150; from No. 951, Borough of The Bronx, \$50; from No. 952, Borough of Brooklyn, \$100; from No. 953, Borough of Queens, \$50.

A true copy of resolution adopted by the Board of Education on December 10, 1913.

Resolved, That the Board of Aldermen be, and it is hereby requested to authorize the Comptroller to advance from time to time to the principal of the Manhattan Trade School for Girls, from the Special Trade School Fund, Code No. S-462, a sum not to exceed \$500, said sum to be used for petty cash expenses of the principal of the Manhattan Trade School for Girls, and to be accounted for by vouchers to be subsequently submitted for approval.

A true copy of resolution adopted by the Board of Education on December 10, 1913.

Resolved, That the Board of Aldermen be, and it is hereby requested to authorize the Comptroller to advance from time to time to the Secretary of the Board of Education, from the Special School Fund of the Department of Education for the year 1914, and from the item contained therein entitled "No. 971, Contingencies, General," a sum not to exceed \$1,000, said sum to be used for petty cash expenses of the Board of Education, and to be accounted for by vouchers to be subsequently submitted for approval.

A true copy of resolution adopted by the Board of Education on December 10, 1913.

The four matters contained therein which relate to authorizations to draw on certain 1914 accounts were ordered on file, and the Clerk was directed to notify the Department of Education that this action was taken for the reason that the same were subjects for the consideration of the next Board, and were filed without prejudice to their reintroduction on or after January 6, 1914. In connection with the request for an amendment to a recent special revenue bond allowance, Alderman Curran introduced the following resolution:

Resolved, That the following resolution adopted November 18, 1913, and received from his Honor the Mayor December 2, 1913, to wit:

"Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of six thousand six hundred and seventy-five dollars (\$6,675), the proceeds whereof to be used by the Board of Education for the purpose of defraying cost of reconnecting present fire alarm system of Public Schools 1, 3, 4, 5, 6, 7, 8, 9, 11, 12, 32, 43, 45, 54, 58, 69, 78, 111, 133, 157, Bay Ridge High School Annex, Manual Training High School Annex, and the office and storage building, Borough of Brooklyn, to the new underground fire alarm telegraph system now being installed by the Bureau of Fire Alarm Telegraph of the Fire Department. All obligations contracted for hereunder to be incurred on or before December 31, 1913."

—be and the same is hereby amended by striking therefrom "Public School 43 and Bay Ridge High School Annex," and inserting in lieu thereof "Public School 42 and Boys' High School Annex," also by striking out the words and figures "December 31, 1913," and inserting in lieu thereof the words and figures "March 31, 1913."

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 Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Gaynor, Gelbke, Gilmore, Grimm, Hamilton, Hannon, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Shipley, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot; President McAneny; the Vice-Chairman—60.

The Vice Chairman laid before the Board the following communication from the City Chamberlain:

No. 5130.

City of New York, Office of the Chamberlain, December 12, 1913.  
Hon. O. GRANT ESTERBROOK, Acting President, Board of Aldermen:

Dear Sir—Application is hereby made for an issue of special revenue bonds in the sum of \$375.

To cover the cost of moving the furniture and equipment of this office to the new Municipal Building..... \$150 00

For the installation of a storage vault in the new Municipal Building..... 225 00

The Remington & Sherman Company has offered to build a storage vault meeting the requirements of this office for \$225 and four old safes now in use in exchange.

Very truly yours,  
R. R. MOORE, Chamberlain.

In connection herewith Alderman Curran introduced the following resolution:

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 hundred and seventy-five dollars (\$375), the proceeds whereof to be used by the City Chamberlain for the purpose of meeting the cost of moving the furniture and equipment of his office to and the installation of a storage vault in the new Municipal Building.

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 Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Gaynor, Gelbke, Gilmore, Grimm, Hamilton, Hannon, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Shipley, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot; President McAneny; the Vice-Chairman—60.

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

No. 5131.

City of New York, Board of Estimate and Apportionment, Office of the Secretary, 277 Broadway, December 15, 1913.

To the Honorable the Board of Aldermen:

Dear Sirs—I transmit herewith certified copy of resolution adopted by the Board of Estimate and Apportionment December 11, 1913, approving of and concurring in the resolution adopted by the Board of Aldermen November 18, 1913, which requested an issue of \$6,675 special revenue bonds for reconnecting fire alarm system of Public Schools 1, 3, 4, 5, 6, 7, 8, 9, 11, 12, 32, 43, 45, 54, 58, 69, 78, 111, 133, 157, Bay Ridge High School Annex, Manual Training High School Annex, and the office and storage building, Borough of Brooklyn, to the new underground fire alarm telegraph system now being installed by the Bureau of Fire Alarm Telegraph of the Fire Department, provided that, subject to the concurrence therewith by the Board of Aldermen, the number 43 be corrected to read 42, and the words "Bay Ridge High School Annex" be corrected to read "Boys' High School Annex."

I also enclose copy of report of Comptroller relative thereto.

Yours very truly,  
JOSEPH HAAG, Secretary.

Resolved, That the following resolution adopted by the Board of Aldermen on November 18, 1913:

"Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of six thousand six hundred and seventy-five dollars (\$6,675), the proceeds whereof to be used by the Board of Education for the purpose of defraying cost of reconnecting present fire alarm system of Public Schools 1, 3, 4, 5, 6, 7, 8, 9, 11, 12, 32, 43, 45, 54, 58, 69, 78, 111, 133, 157, Bay Ridge High School Annex, Manual Training High School Annex, and the office and storage building, Borough of Brooklyn, to the new underground fire alarm telegraph system now being installed by the Bureau of Fire Alarm Telegraph of the Fire Department, all obligations contracted for hereunder to be incurred on or before December 31, 1913."

—be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, provided that, subject to the concurrence therewith by the Board of Aldermen, the number "43" be corrected to read "42," and the words "Bay Ridge High School Annex" be corrected to read "Boys' High School Annex," and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding six thousand six hundred and seventy-five dollars (\$6,675), redeemable from the tax levy of the year succeeding the year of their issue.

A true copy of resolution adopted by the Board of Estimate and Apportionment, December 11, 1913.

JOSEPH HAAG, Secretary.  
Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, December 9, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On November 18, 1913, the Board of Aldermen requested an issue of special revenue bonds to the amount of \$6,675 to provide means to defray the cost of reconnecting the present fire alarm system of Public Schools 1, 3, 4, 5, 6, 7, 8, 9, 11, 12, 32, 43, 45, 54, 58, 69, 78, 111, 133, 157, Bay Ridge High School Annex, Manual Training High School Annex, and the office and storage building, Borough of Brooklyn, to the new underground fire alarm telegraph system now being installed by the Bureau of Fire Alarm Telegraph of the Fire Department, all obligations contracted for thereunder to be incurred on or before December 31, 1913. In connection therewith I report as follows:

All of these buildings are now connected to the pole lines of the Fire Department. The removal of the Fire Department lines from the poles to the underground conduits necessitates changing the connections to the buildings within the zone of the underground conduits. In many places the cables now laid in underground conduits between the buildings and the pole will have to be removed and replaced with new cable. All of the work contemplated consists of replacements of existing work, either in the same or in different locations, and constitutes a proper charge against special revenue funds. The estimate of cost is reasonable.

Through errors in the original request, Public School 43 should read 42 and Bay Ridge High School Annex should read Boys' High School Annex. The Board of Education will take measures to correct these errors at the next meeting and at their request such corrections are anticipated in the resolution attached hereto subject to concurrence by the Board of Aldermen.

I recommend that the request be granted with the corrections specified, by the adoption of the attached resolution.

Respectfully,  
WM. A. PRENDERGAST, Comptroller.

No. 5132.

City of New York, Board of Estimate and Apportionment, Office of the Secretary, 277 Broadway, December 16, 1913.

To the Honorable the Board of Aldermen:

Gentlemen—I transmit herewith certified copies of two resolutions adopted by the Board of Estimate and Apportionment, December 11, 1913, relative to the establishment of grades of positions as follows:

Department and Position.	Compensation.	Incumbents.
Cal. No. 1 Department of Finance, Appraiser of Real Estate .....	\$6,000 00	1
Cal. No. 48 Department of Education, Janitors of various public schools, as set forth therein.....	..	..

I also enclose copy of communication from the Comptroller and copy of report of the Committee on Salaries and Grades relative thereto.

Yours very truly,  
JOSEPH HAAG, Secretary.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held December 11, 1913:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment of the grade of position of Appraiser of Real Estate in the Department of Finance, in addition to those already established therein, with salary at the rate of six thousand dollars (\$6,000) per annum, for one (1) incumbent.

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.

A true copy of resolution adopted by the Board of Estimate and Apportionment, December 11, 1913.

JOSEPH HAAG, Secretary.  
The City of New York, Department of Finance, Comptroller's Office, December 5, 1913.

The Honorable Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the Board of Estimate and Apportionment recommend to the Board of Aldermen, pursuant to the provisions of section 56 of the Greater New York Charter, that a salary for Appraiser of Real Estate in the Department of Finance be fixed at \$6,000 per annum.

During the previous administration and for five months of the present administration there were two Appraisers of Real Estate with annual salaries of \$4,000 each. The present incumbent was appointed February 16, 1910, with salary as at present, namely, \$4,000, and since June 30, 1910, he has been the only Appraiser.

He has performed all the duties, which formerly were divided between the two positions, in a most competent and highly satisfactory manner, and this request is presented with the view of making the salary of the position commensurate with the value of his services.

Respectfully,  
WM. A. PRENDERGAST, Comptroller.

Alderman Becker moved the adoption of this resolution:  
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 Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Fink, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilnot and the Vice-Chairman—50.

No. 5133.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held December 11, 1913:

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, pursuant to the provisions of Section 56 of the Greater New York Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, pending action by the Board of Education on the aforesaid report, 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 16, Brooklyn, per annum, less \$221.....	\$2,148 00
Janitor, Public School 124, Manhattan, per annum, less \$360.....	1,158 00
Janitor, Public School 73, Brooklyn, per annum, less \$221.....	3,156 00
Janitor, Public School 61, Brooklyn, per annum, less \$221.....	984 00
Janitor, Julia Richman High School, Manhattan, less \$360.....	1,716 00
Janitor, Public School 8, The Bronx, for care of one portable building, per annum.....	120 00
Janitor, Public School 36, The Bronx, for care of two portable buildings, per annum.....	168 00
Janitor, Public School 34, The Bronx, for care of two portable buildings, per annum.....	240 00
Janitor, Public School 53, Queens, for care of one portable building, per annum.....	60 00
Janitor, Public School 14, The Bronx, for care of three portable buildings, per annum.....	240 00
Janitor, Public School 26, The Bronx, for care of two portable buildings, per annum.....	240 00
Janitor, Public School 1, Queens, per annum.....	1,500 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.

A true copy of resolution adopted by the Board of Estimate and Apportionment, December 11, 1913.  
JOSEPH HAAG, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, December 5, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On November 12, 1913, the Board of Education requested the establishment of rates of compensation for Janitors of sundry public schools, pursuant to the provisions of section 56 of the Greater New York Charter. On November 25, 1913, your Board held in abeyance four items of a previous request relating to rates for the care of portable buildings in Public Schools 8, 14, 34 and 36, The Bronx, pending corrections which are incorporated in the November 12 request. In connection with these matters, we report as follows:

No action is necessary on the rates requested for Public Schools 11, Manhattan, and 62, Brooklyn, as they have already been established.

The rates requested for Public Schools 16, 73 and 61, Brooklyn, and 124 and the Julia Richman High School, Manhattan, represent existing rates with rent allowances deducted. They are for Janitors regularly employed in other schools and temporarily assigned to the care of these schools to fill vacancies.

Rates are also requested for the care of temporary buildings, Public Schools 8, 14, 26, 34 and 36, The Bronx, and 53, Queens.

The request further provides for increasing the compensation of the Janitor of Public School 5, Queens, from \$1,080 to \$1,500 per annum. This is in error. The request should read Public School 1, instead of 5, and the record will be so corrected at the next meeting of the Board of Education. The School Inquiry Report, made by Professors Baskerville and Winslow, after an investigation of heating, ventilating and other conditions in thirty-two public schools of the City, states that Public School 1, Queens, has one of the most poorly operated plants in the entire system.

The Supervisor of Janitors who investigated the causes of such conditions, reports that Public School 1 has 80½ M. square feet of floor surface and 14½ M. square feet of paved surface. Its heating and ventilating equipment consists of four high pressure boilers, three steam engines and blowers and seven pumps. To care for these, there is one Janitor-Engineer at \$1,080 per annum, one Fireman, and four Cleaners. Each Cleaner has approximately 20 M. square feet of floor surface and 3½ M. square feet of paved surface to care for. This is about three times the amount of space covered by Cleaners in the Bryant High School, and almost double that by Cleaners in No. 6, Queens, Morris High School, and the Manual Training High School. It is impossible for the Engineer and Fireman to get the assistance of a Cleaner in handling coal, ashes, etc.

The Janitor is overworked, underpaid, and consequently dissatisfied. It is, therefore, proposed to increase his compensation to \$1,500 per annum.

It is further proposed to increase the compensation of the Janitor of the De Witt Clinton Evening High School from \$4 to \$9.50 per session. The Budget estimate of the Board of Education for 1914 included a request for funds to provide for new schedules at increased rates for all evening service rendered by Janitors, but the request was denied.

We recommend that the request for an increase in compensation of the Janitor of the De Witt Clinton Evening High School be disapproved, and that the other requests, as corrected, be granted by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; O. GRANT ESTERBROOK, Acting President, Board of Aldermen, Committee on Salaries and Grades.

Alderman Dowling moved the adoption of this resolution.  
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 Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Fink, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilnot and the Vice-Chairman—50.

The Vice-Chairman laid before the Board the following communication from the President, Borough of Queens:

No. 5134.

The City of New York, Office of the President of the Borough of Queens, Long Island City, December 9, 1913.

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

Gentlemen—The budget for 1914 has made provision for an automobile for the use of the Borough President. The car which is now assigned to him for his use is in a very bad state of repair and is in fact unsafe for use. It is desirable that a new

car be obtained for him as soon after the first of the year as possible. The budget allowance provided contemplates the expenditure of \$2,000. It is our judgment that there is no advantage in providing for the securing of this car by contract; we believe that it will be possible to effect some sort of an exchange on the car now in use as a part payment on a new automobile.

We therefore respectfully request your approval in accordance with section 419 of the Charter for the purchase of an automobile without public letting at a price not to exceed \$2,000 and would thank your Board if you will dispose of the matter as quickly as possible for the reason stated, that the car now assigned to the Borough President is unsafe for use. Yours respectfully,

SAMUEL BROCK, Secretary of the Borough of Queens.

Which was referred to the Committee on Public Letting.

ORDINANCES AND RESOLUTIONS.

Alderman Dowling asked and obtained unanimous consent to introduce the following:

No. 5135.

AN ORDINANCE providing for the retirement on pensions of Officers, Clerks, Employees, Mechanics and Laborers of The City of New York or of the Counties comprised therein.

Be it ordained by the Board of Aldermen of The City of New York as follows:  
Section 1. The Board of Estimate and Apportionment shall have power to retire, on his own application, any salaried or per diem paid officer, clerk, employee, mechanic or laborer of The City of New York, or of any County comprised therein, who

1. Having attained the age of sixty years, has served continuously thirty years, or in periods aggregating thirty years, or longer, in the employ of the City or of a County comprised therein, or

2. Having served continuously twenty years or in periods aggregating twenty years, or longer, in the employ of the City or of a County comprised therein, shall be incapacitated or inefficient for further service by reason of mental or physical disability, not the result of his own vicious habits;

3. Shall be incapacitated for further service by reason of mental or physical disability incurred in the service and line of his duty, irrespective of the length of his service.

Any person who has served the period prescribed in any subdivision of this section, and is incapacitated for further service, may be retired by said Board without his application or consent, upon the recommendation of the head of the department in which he is employed, after written notice and an opportunity of making an explanation has been afforded him.

The term of service requisite for retirement or pension under any provision of this section need not be continuous, and shall not be affected by any change in title, duty or salary; nor by any promotion, vacation or leave of absence; nor by any temporary transfer; temporary disability by reason of sickness or accident, or transfer from one department or office to another department or office during any period of service, nor by any change in a department in which service shall have been rendered from an office maintained by fees to a salaried office. In case a person entitled to retirement under any provision of this section has been suspended or furloughed, or granted leave of absence from duty without pay, or has resigned or been dismissed from the service, because of physical or mental disability, and has been subsequently reinstated or reappointed to a position in the service of The City of New York or any of the Counties comprised therein, the period of any such suspension, furlough, leave of absence or separation from the service shall be considered as a part of the term of service of such person, within the meaning of subdivision one or two of this section. The acceptance of employment during the interim between periods of service to the City or a County comprised therein shall not affect the right to a pension under any provision of this ordinance.

Section 2. A person retired pursuant to the provisions of subdivision one or two of the last preceding section shall be granted an annual pension by the Board of Estimate and Apportionment in a sum which shall not exceed one-half of the average rate of annual salary, wage or compensation of such person during the last five years of his service, excluding periods during which the annuitant has been suspended, furloughed, or on leave of absence from duty, without pay, or has been separated from the service by dismissal or resignation because of physical or mental disability. A person retired pursuant to the provisions of subdivision three of the last preceding section shall be granted an annual pension by the said Board in a sum which shall not exceed one-half of the average rate of annual salary, wage or compensation of such person during the last five years of his service, or if he shall have served less than five years during the periods of his service.

The Comptroller shall pay the pensions granted pursuant to the provisions of this section and all pensions heretofore granted pursuant to the provisions of chapter 583 of the Laws of 1905, as amended by chapter 669 of the Laws of 1911, and by chapter 479 of the Laws of 1912, in monthly installments, during the lifetime of the person to whom the same shall be or shall have been granted; such payments and those for the expenses of the Board, incurred in administering the system of retirement on pension established by this ordinance, to be made out of the receipts of excise moneys or liquor taxes apportioned to the City, until the 1st day of January, 1915, and, thereafter, the said payments shall be made from an annual appropriation therefor that shall be included, as a general City charge in the Budget, for which an estimate shall be annually prepared and furnished by the Comptroller, as prescribed in section 226 of the Greater New York Charter. The Comptroller shall annually in the month of January make a report to the Board of Aldermen, showing in detail all annuities or pensions allowed and payable under the provisions of this ordinance, and all expenditures made or expenses incurred in connection therewith during the preceding calendar year.

Section 3. The provisions of this ordinance shall not apply to any person who is or may be entitled to share in any other retirement fund, relief fund or other pension fund of The City of New York, except as provided herein.

Section 4. Any person who, subsequent to his retirement from the service under any provision of this article, shall accept any office, position or employment, to which any salary or emolument is attached in the civil service of the State of New York, or of any county or municipal corporation thereof, except the office of inspector or clerk of elections or other temporary office provided for in the Election Law of the State, and except the office of notary public and commissioner of deeds, shall, during such service or employment and while receiving any salary or emolument therefor, relinquish and forfeit the pension allotted to him upon his retirement under any provision of this ordinance.

Section 5. This ordinance shall take effect immediately.

Which was referred to the Committee on Laws and Legislation.

REPORTS OF STANDING COMMITTEES.

Report of Committee on Buildings—

No. 4396.

The Committee on Buildings, to which was referred various matters as follows:

No. 650, page 927, Minutes of March 19, 1912.

No. 651, page 928, Minutes of March 19, 1912.

No. 922, page 198, Minutes of April 23, 1912.

No. 1200, page 562, Minutes of May 28, 1912.

No. 1445, page 37, Minutes of July 2, 1912.

No. 4396, page 283, Minutes of September 23, 1913.

—respectfully

REPORTS:

That it has conducted several series of hearings under the auspices of an advisory committee of engineers, architects, builders, lawyers and labor union representatives, whereat there was submitted various suggestions, both oral and in briefs, and as a result of the work of this advisory committee, the Chairman was directed to forward to the Board a proposed Building Code, which said Code was submitted on July 15, 1913.

This proposed Code was liberally distributed to all applying for same, and at a series of public hearings held by this committee to hear objections to this Code, we found objections raised to various sections, which were thereafter carefully considered by this committee, and in addition many recommendations were submitted which were of sufficient value and importance to warrant the favorable consideration of this committee.

A hearing was held on the final report of this committee on December 3, and several additional corrections were made in accordance with suggestions submitted. We, therefore, recommend that the attached ordinance be adopted.

ABRAM W. HERBST, OTTO MUHLBAUER, JOHN A. BOLLES, THOS. J. MULLIGAN, W. A. SHIPLEY, ALEX. DUJAT, Committee on Buildings.

## AN ORDINANCE adopting "the Building Code of The City of New York."

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

## Section 1.

## Title of Ordinance.

This ordinance shall be known and may be cited as The Building Code, and presumptively contains the Building Law, except so far as such provisions are contained in the Greater New York Charter. The following provisions shall constitute and be known as the Building Code, and presumptively provides for all matters concerning, affecting or relating to the maintenance, construction, alteration or removal of buildings or structures erected or to be erected in The City of New York, as constituted by the "Greater New York Charter," except so far as such provisions are contained in said Charter, the Labor Law and the Tenement House Law, or except as herein otherwise provided.

## Section 2.

## Building Code to Be Construed Liberally.

1. This ordinance is hereby declared to be remedial to secure the construction and alteration of safe, sanitary and healthful buildings, and shall be construed so as to secure the beneficial purposes thereof.

2. Modifications and Appeals—This Code shall be so construed as to permit no changes or modifications of its requirements, except as provided in Section 410 of the Greater New York Charter.

Each Superintendent is exercising the powers to vary the provisions of this Code or Ordinance, as provided in the Greater New York Charter, shall proceed in the manner therein set forth. All such modifications and all variations, including the application with reasons for same, and the Superintendent's decision, with reasons, shall be published in full in the CITY RECORD within two weeks after the Superintendent's action and may be cited as precedents.

3. A record of all such variations and modifications shall be kept in the Bureau of Buildings, and shall be properly indexed under section numbers of the Code or Ordinance, to which each modification applies, and shall be open to public inspection during business hours.

4. Appeal from the decision of any Superintendent of Buildings may be made to the Board of Examiners, as provided in Section 411 of the Greater New York Charter.

## Section 3.

## Definitions.

Approved.—The term approved as used in this Code as applied to any material, or mode or manner of construction, shall be construed to mean approved by the official or officials whose approval is required by any law or ordinance.

Appurtenance.—The term appurtenance includes plumbing, boiler erecting, drainage and sewerage, gas and water piping, a meter, an auxiliary fire appliance, an elevator, escalator, a dumbwaiter, a fire escape and a vault and a passageway on, above or below a public highway in connection with a building on City, public or private property.

Apartment House.—An apartment house shall be construed as and hereafter referred to as a tenement house and shall be subject to the same requirements.

Building.—The term building includes the terms structure and appurtenance.

Basement.—A basement is a story partly but not more than one-half below the level of the curb.

Bulkheads or Pent Houses.—A bulkhead or a pent house is a structure erected on the roof of a building for the purpose of enclosing staircases to roofs, elevator machinery, water tanks, ventilating apparatus, exhaust chambers, or other machinery, and for such other purposes as may be approved of by the Superintendent.

Bath House.—A bath house shall be construed to mean any building or portion of a building used or intended to be used for the accommodations of bathers and provided with sleeping accommodations connected therewith.

Bearing Wall.—A bearing wall shall be taken to mean one on which a beam, girder, truss, column or other interior load of a building rests.

Boarding House.—For the purpose of this Code, a boarding house shall be classed as a dwelling, provided that there shall be not more than fifteen sleeping rooms in any one building; if more than fifteen sleeping rooms is provided in any one building, it shall be classed as a hotel.

Cellar.—A cellar is a story whose height is more than one-half below the level of the curb.

Curb.—Whenever the word "curb" refers to the height of a building or to the definition of a basement or cellar, it shall be construed to mean the curb level at the centre of the building fronting on one street only; in the case of a building fronting on two or more streets the curb level at the centre of the front facing on the highest curb shall be taken. Wherever the word "curb" refers to an excavation the level of the curb shall be taken at the intersection of the lot lines and the curb lines. In the case of a building fronting on two or more streets the curb levels shall be taken on each street at the intersection of the lot lines and the curb lines, and their relation to an adjoining building or buildings be as though two or more excavations were to be made.

Coal Pocket.—A coal pocket is any structure that is intended or designed for or used for the storage or handling of coal and which is of sufficient height to discharge the contents thereof by gravity into a wagon or other vehicle.

Court.—A court is an open and unoccupied space other than a yard on the same lot with the building.

Church.—A church is any building or portion thereof, designed or intended for or used solely as a place of assemblage of a number of people, for the holding of meetings and gatherings of a religious character.

Curtain Wall.—A curtain wall shall be taken to mean any non-bearing wall between columns or piers, which is not supported at each story.

Detention Building.—A detention building is any building or portion thereof in which persons are harbored or detained for the purposes of receiving medical, charitable or other care or treatment, or by reason of public or civic duty, by commitment or for correctional purposes and shall include among others, jails, police stations and prisons.

Dwelling.—A dwelling is a residence building intended or designed for or used as a home or residence of not more than two families.

Erect.—The term "erect" includes the term "construct," the term "hereafter erected" shall be deemed to mean and refer to those buildings for which applications, plans and drawings shall be submitted to the Superintendent of Buildings after this Code has taken effect; the term "alter" includes the term "convert"; the term "remove" includes the term "demolish."

Exhibition Building.—An exhibition building is any building or a part thereof that is intended or designed to be used for fairs and exhibition purposes or as a tower for observation purposes or for any similar use or occupancy, whether temporary or permanent in character.

Enclosure Wall.—Enclosure walls shall be taken to mean non-bearing walls built between steel columns or piers and supported at each story.

Existing Buildings.—An existing building or structure shall be taken to mean one which is completed or plans for which have been filed previous to the date from which this Code goes into effect.

Fireproof Door.—A fireproof door is a door constructed entirely of metal, or entirely covered on all exposed surfaces with metal, as approved by the official or officials whose approval is required by any law or ordinance.

Fireproof Window.—A fireproof window is a window constructed of materials required for fireproof doors.

Frame Building.—A frame building is a building of which the exterior walls or a portion thereof are of wood, or other combustible material.

A fire wall shall be taken to mean a wall built for the purpose of restricting the area subject to the spread of fire.

A fire division partition shall be taken to mean a subdividing partition built for the purpose of protecting life by providing an area of refuge.

Foundation Wall.—A foundation wall shall be taken to mean any wall or pier built below the curb level or nearest tier of beams to the curb, or average ground level to serve as a support for walls, beams, girders, trusses, columns, floors or other load of a building.

Factories.—A factory is a building as defined in the Labor Law.

Garage.—A garage is any building or part thereof in which any power driven vehicle is housed and as defined by the Fire Department.

Hotel.—A hotel is any building or portion thereof intended, designed or used for supplying food and shelter to residents or guests and having a general public

dining room or a cafe, or both, and containing also fifteen or more sleeping rooms above the first story.

Height of a Building.—The height of a building is the vertical distance, measured in a straight line from the bottom of the lowest point of the roof beams in the case of flat roofs, and from the average height of the gable in the case of roofs having a pitch of more than twenty degrees with a horizontal plane, to the curb level. When a building does not adjoin the street, the measurement for height shall be taken to the average level of all the ground adjoining such building.

Length of a Building.—The length of any building shall be its greatest horizontal dimension.

Lodging House.—A lodging house is a building as defined in the Greater New York Charter.

Loft Buildings.—A loft building is a building as defined in the Labor Law.

Height of Walls.—In measuring the height of a wall, the height of the parapet wall down to the top of the roof beams shall not be included.

Non-Bearing Walls.—A non-bearing wall shall be taken to mean one which supports no other load than its own weight.

Outhouses.—Outhouses shall be construed to mean and include all structures not more than eight feet in height nor more than one hundred and fifty square feet in area, and used in connection with other buildings or structures on the same lot.

Occupied.—The term "occupied" as used in this Code as applied to any building, shall be construed as though followed by the words "or intended," "arranged or designed to be occupied."

Parapet Wall.—A parapet wall shall be taken to mean that portion of any wall which extends above the roof line, and carries no load other than its own weight.

Public Hallway.—A public hallway is a hallway, corridor or passageway for the use of the general public.

Pent House.—(See Bulkhead).

Party Wall.—A party wall shall be taken to mean a wall used, or built to be used, in common for two or more buildings.

Retaining Wall.—A retaining wall shall be taken to mean one constructed to resist the thrust of earth, water or other substance, without intermediate lateral supports.

Repairs.—Ordinary repairs shall not be construed to include cutting away any stone, concrete or brick wall, or any portion thereof; removal or cutting of any beams or supports or the removal, change or closing of any stairways or openings in any masonry wall.

School House.—A school or school house is a building or portion thereof occupied by not less than one hundred and fifty pupils.

Structure.—The term "structure" includes the term "building" and "appurtenance" and a wall, platform, staging and flooring used for standing and seating purposes, shed, fence, sign and billboard on city, public or private property or on, above, or below a public highway.

Standard.—The term "standard" as used in this Code shall be construed to mean standards as approved by the official or officials whose approval is required by any law or ordinance.

Street.—The term "street" includes sidewalk, highway, avenue, road, alley, boulevard, concourse, parkway, public square and public place docks and ferries.

Superintendent of Buildings, Superintendent, Bureau of Buildings, and Bureau shall be construed to mean the Superintendent of Buildings or the Bureau of Buildings, as the case may be, authorized or required by the Greater New York Charter to act in or with respect to the matter or thing referred to in the provision wherein these words are used.

Story.—A story is that part of any building comprised between any floor and the floor or roof next above it. In case any floor or the combined area of floors at any one level extends over less than twenty per cent. of the horizontal area, included within the outside walls at that level, the same shall not be considered as a floor for the purpose of determining story heights.

Stable.—A stable is any building or portion thereof, that is intended or designed for or used for the sheltering or harboring of horses or live stock, or for the storage of vehicles not driven by their own power.

Shed.—A shed is a roofed structure, open on one or more sides, which does not exceed fifteen feet in height nor more than twenty-five hundred square feet in area.

Shaft.—A shaft includes exterior and interior shafts, whether for air, light, elevator, dumbwaiter or any other purposes.

Stair Hall.—A stair hall shall include the stairs, stair landings and those portions of the public halls through which it is necessary to pass in going between the entrance floor and the roof of any building.

Temporary Structures.—Temporary structures shall be taken to mean speakers and similar platforms and stands, tiers of seats for spectators of parades and similar spectacles, election and other booths, circus tents and other structures of an obviously temporary character.

Tenement House.—A tenement house is a building as defined in the Tenement House Law.

Theatres, Opera Houses, Motion Picture Show-Houses and Places of Entertainment.—(See section 120).

Violation.—The term "violation" includes a failure to comply with, a departure from, the doing or assisting in an act against, or omitting to perform an act under the provisions of this Code, or notice, rule, regulation or direction thereunder.

Width of Street.—The width of a street shall be construed to mean the distance between the street building lines on opposite sides of the street, measured at right angles to the centre line of the street at the middle of the lot.

Yard.—A yard is an open and unoccupied space on the same lot with a building between the extreme rear lines of the building and the rear line of the lot.

## Section 4.

## Powers and Duties of the Superintendents of Buildings.

1. Powers and Duties.—Each Superintendent shall have the power, and it shall be his duty, to enforce the provisions of this Code, to approve or disapprove, within a reasonable time, applications, plans, detail drawings and amendments thereto; to issue permits, notices and certificates; to make rules and regulations; to decide upon and issue orders in relation to variations and modifications; to decide upon questions relative to the mode, manner of construction, or materials to be used in the erection or alteration of a building; to require that such mode, manner of construction and materials shall conform to the true intent and meaning of the several provisions of this Code; to require that every building and its appurtenances, after it has been erected or altered, shall be so maintained as to be at all times in conformity with the provisions of this Code; to authorize the Corporation Counsel to institute any and all actions that may seem proper or necessary for the enforcement of its provisions.

2. Rules and Regulations.—Each Superintendent, by and with the approval of the President of the Borough, shall have power to establish general rules and regulations for the enforcement of the provisions of this Code. Such rules and regulations and modifications thereof shall, so far as practicable, be uniform in all the Boroughs. The Superintendent, by and with the approval of the President of the Borough, shall have the power, from time to time, to amend or repeal such rules, regulations and make modifications thereto. No rules, regulations or modifications thereof shall become effective until they have been published in the CITY RECORD, at least once a week for eight successive weeks, and an opportunity given for a Public Hearing on the same. Such public hearing shall not be held until after such rules, regulations or changes have been thus published for at least four weeks, and same shall be published for at least four weeks after such public hearings. During the period of publication they shall be posted on the Bulletin Board in the Public Office of the Bureau of Buildings, and after said publication and notice of Public Hearing thereon, such rules, regulations and changes shall become operative, and have the same force and effect as any part of this Code. They shall be kept on record, and shall be published in full in the first annual report following the date of their adoption.

3. List of Approved Materials, Appliances and Methods of Construction to be Published.—During the month of January of each year each Superintendent shall prepare a complete list of materials, appliances or methods of construction which have passed the required tests prescribed by this Code and which have been approved, and the necessary information as to the conditions under which said materials, appliances or methods of construction were tested and approved. Said list shall be filed in the office of each Superintendent during the first week in February and published in the CITY RECORD, as provided for in Paragraph II of this section. No new materials, appliances or methods of construction shall be used in any building until tested, in accordance with the requirements of this section.

4. Seal—Each Bureau shall have a seal, to be approved by the Mayor, the use of which shall be directed by the Superintendent.

5. Badges and Right of Entry—Each Superintendent shall prescribe and provide uniform badges, to be worn by him, the inspectors and other employees and legal representative of the Bureau. All officials and employees of the Bureau and the Assistant Corporation Counsel charged with the enforcement of this Code, when in the performance of their respective duties, shall have the right to enter upon any building or premises in their respective Boroughs upon displaying their badges.

6. Record of Applications, Public Documents—Each Superintendent shall keep a record of all applications presented to him concerning all buildings, as required in Section 413 of the Charter.

7. Accounts; Annual Estimates; Expenditures—Each Superintendent shall keep accurate and detailed accounts, as required for in Section 412 of the Greater New York Charter.

#### Section 5.

##### Committee of Surveyors.

1. Surveyors in unsafe building proceedings shall be appointed as required in section 130.

#### Section 6.

##### Applications, Plans and Drawings.

1. Applications; Filing—Before the erection, construction or alteration of any building there shall be submitted to the Superintendent a verified application in triplicate, on appropriate blanks, to be furnished by the Superintendent, containing a detailed statement of the specifications, and at least one full and complete copy of the plans of such proposed work, and such detail structural drawings thereof as the Superintendent may require. The application shall state the full name, residence and business address (of street and number wherever possible) of the owner of the building, and of the owner of the premises upon which the building is to be constructed, erected, altered or removed, describe the location thereof, and to set forth the applicant's authority to construct, erect, alter or remove the same.

2. Approval Thereof—No building shall be erected, constructed, altered or removed, except in conformity with the provisions of this Code, after written approval by the Superintendent, of the applications, plans and detail drawings, or the issuance of a written permit, and the work of construction or removal shall strictly conform to such applications, plans and detail drawings, or to such a permit. In case adequate plans and statements are presented, the Superintendent may, at his discretion, issue an approval and permit for the construction of a part of the building before the approval of applications and plans of the complete structure.

3. Amendments Thereto—Amendments to applications, plans and detail drawings may be made, and the Superintendent shall approve them, provided the applications, plans and detail drawings, when so amended, shall be in conformity with the provisions of this Code and the requirements of the Superintendent in relation thereto.

4. Revocation of Approval—The Superintendent shall have power to revoke any approval for a departure from the approved applications, plans and detail drawings, or in case any false statement or representation as to a material fact relating to the construction, erection, alteration or removal of the building has been made.

5. Additional Facts for the Superintendent—The Superintendent may at any time require an additional verified application setting forth further detail as to the ownership of the real estate or the building and tenants and occupants thereof, or may require a designation from either a resident or non-resident of the City of New York, or a resident thereof.

6. Limitation of One Year—All approvals of applications, plans and detail drawings and amendments thereto shall expire by limitation one year from the date of the original approval of the applications, plans and detail drawings. This limitation shall not apply to the erection of a new building, or any alteration of an existing building; under approved applications, plans and detail drawings, when work thereunder has been begun and carried out with reasonable continuity within one year from the original approval thereof, and when the work to be performed is lawful and can be carried on without violating any of the provisions of the then existing Code.

#### Section 7.

##### Ordinary Repairs Without Notice.

1. Ordinary repairs to a building may be made without notice to the Superintendent. See Section 3.

#### Section 8.

##### Demolishing Buildings.

1. Application—Before the demolition or removal of any building or structure or part thereof is begun a verified application on proper blanks, to be furnished by the Superintendent, containing a statement of the facts in relation thereto and as to the ownership and location thereof, shall be filed with the Superintendent and a written permit procured. Such permit shall expire by limitation two months from the date of issue. The Superintendent shall be given not less than twenty-four hours' notice before the demolition of any building or structure or part thereof is begun.

2. Demolishing—In demolishing any building or structure or part thereof, story after story shall be completely removed. No material shall be placed upon a floor of any building in the course of demolition, but shall be lowered to the ground immediately upon displacement. The material to be removed shall be properly wet to lay the dust incident to its removal.

3. When any building or structure or part thereof over 40 feet in height is in progress of demolition, a shed covering shall be provided, as required by Section 43.

#### Section 9.

##### Certificate of Occupancy.

1. The applications and drawings filed with the Superintendent for the erection of a new building or structure or alteration of an existing building or structure affecting its occupancy, shall include a statement giving for each floor of such building or structure the maximum live-load.

The owner, lessee or tenant shall file with such application and drawings an affidavit, stating the maximum number of persons to be accommodated at one time on each floor, above the first story, and the purpose and a detailed statement of occupancy.

2. Upon completion of such building, structure or alteration, provided no violation of this code exist, the Superintendent shall issue to the owner, lessee or tenant a Certificate of Occupancy of the proposed building or part thereof, stating the purposes for which the building or structure may be used, also the maximum live load and maximum number of persons that may be accommodated on each floor thereof.

3. The Superintendent shall upon application issue a temporary Certificate of Occupancy allowing the use of a portion of any building, provided no violation of the code exists against that portion, and provided such temporary use of said portion would not endanger life or property.

4. No building, structure or part thereof hereafter erected, altered or converted in a manner to affect its occupancy shall be occupied or used for any purposes whatsoever until the issuance of a Certificate of Occupancy; nor shall any building, structure or part thereof be occupied or used for any other purpose or in any manner other than that prescribed in said Certificate of Occupancy; nor shall any building or structure or part thereof bear, or be burdened, by any greater load, or occupied by a greater number of persons than designated in said certificate.

5. The Owner or Lessee of every building of classes B, E and F shall post, in a conspicuous place in each story, one or more signs, giving maximum number of persons, purposes of use, and maximum live load for which certificate has been issued for that particular story.

#### Section 10.

##### Change of Occupancy.

1. No change in the manner of occupancy shall hereafter be made in any building or structure, or portion or part thereof tending to increase the number of persons to be accommodated therein until there shall have been issued by the Superintendent a Certificate of Occupancy covering such new use or manner of occupancy, nor shall the manner of occupancy nor the purpose for which any building or structure or portion thereof is used be hereafter changed, except in conformity with the requirements of the Code and the rules and regulations adopted under the authority of this Code.

2. The Superintendent shall cause any building or story therein to be vacated whose occupancy has been changed or where the floor load therein has been increased in violation of paragraph 1 of this section, and shall not again be occupied until it conforms with the requirements of this Code.

#### Section 11.

##### Classification of Buildings.

1. All buildings shall be classified under the three following classes: Public Buildings, Residence Buildings and Business Buildings.

2. Unless special exception is made, every provision of this code applying to any building of a class shall apply to all buildings of that class.

3. Where any building is not specially classified, or where there is any doubt as to its classification, the Superintendent shall designate in writing under which classification it shall be placed.

4. Where any building is used for the purpose of two or more classes as herein defined, such portion of the building as is devoted to the occupancy or use of that particular class shall be constructed in accordance with the requirements of that particular class as herein defined. Unless such construction shall, in the opinion of the Superintendent, prove impracticable, or where there shall be a conflict between the provisions of the different classes, in which case the provision relating to the construction of buildings of the class requiring the safest form of construction shall govern the entire building.

5. The Superintendent in classifying buildings shall proceed as required by Sections 2 and 4.

##### Public Buildings.

6. Public buildings shall be construed to mean all buildings and structures to which the public has access and in which there may be a congregation of persons for civic, political, educational, religious or amusement purposes.

Class A—Armories, Asylums, Bath Houses, Colleges, Court Houses, Detention Buildings, Fire Houses, Police Stations, Hospitals, Libraries, Museums, Railway Passenger Stations, Schools, Telephone Exchange Stations, Municipal Buildings and Theatres.

Buildings of this class hereafter erected shall be of fireproof construction.

Class B—Amusement Halls, Churches, Exhibition Buildings, Lodge Rooms and Assembly Halls: Buildings of this class shall be of fireproof construction if over thirty-six feet and six inches in height, excepting in the case of church spires, which, when over seventy-five feet high, shall be of fireproof construction. When under thirty-six feet six inches in height the first floor in all buildings of this class shall be of fireproof construction. Every permanent structure intended or used for the seating or accommodation of spectators or the public hereafter erected in any field, enclosure or place for athletic or other sports, amusements or exhibitions, or in any park, public square or public place shall be of fireproof construction, except that the floor, seats and appurtenances may be of wood. The roof if of wood shall be covered as required in section 32.

7. Residence Buildings—Residence Buildings shall be construed to mean and include all buildings and structures in which sleeping accommodations (other than for janitor or watchman) are provided. They shall belong to either Class C or Class D.

Class C—Club Houses, Studios and Bachelor Apartment Houses with more than 15 sleeping rooms, Hotels, Dormitories and Lodging Houses: Buildings of this class when over 36 feet 6 inches in height shall be of fireproof construction. When under 36 feet 6 inches in height the first floor shall be of fireproof construction.

Class D—Dwellings, Tenement Houses, Club Houses and all Residence Buildings not specified in Class C.

Buildings of this class more than 6 stories or more than 75 feet in height, shall be of fireproof construction. All buildings of this class hereafter erected more than 4 stories, or more than 50 feet in height, shall have the first floor of fireproof construction.

Portions of the first floor of buildings hereafter erected occupied for stores or other business purposes, except in frame buildings and in buildings occupied by not more than two families above the first story, shall be enclosed in fireproof partitions, and that portion of the second floor above the stores or other spaces occupied for business purposes shall be of fireproof construction.

In all buildings of this class hereafter erected, when over 36 feet 6 inches in height and not over 50 feet in height, except frame buildings, the plaster on ceilings and stud partitions below the first floor beams, when these beams are of wood, shall be of approved thickness, on metal lath, plaster boards or other approved fireproof material.

8. Business Buildings—Business buildings shall be construed to mean and include all buildings and structures used for or adapted to the transaction of business, the operation of machinery, the manufacture or storage of machinery or materials, the housing of horses or live stock, or for any other industrial purpose. They shall belong to either Class E or Class F.

Class E—Factories, Lofts, Markets, Office Buildings, Printing Houses, Restaurants, Stables, Stores, Warehouses and Workshops: Buildings of this class shall be of fireproof construction when over 40 feet in height. If under 40 feet in height, the first floor of every building of this class shall be of fireproof construction. No wood shall be used in fireproof factories.

Class F—Car Barns, Foundries, Light and Power Plants, Railroad Freight Stations, Ice Houses, and Special Industry Buildings, which shall include Ice-Making Plants, Refrigerating Plants, Slaughter Houses, Rendering Plants, Breweries, Sugar Refineries, Smoke Houses, Coal Pockets, Laboratories, Observatories, Oil Houses, Oil Refineries, Grain Elevators and other special industry buildings not herein classified. All buildings of this class shall be of fireproof construction.

#### Section 12.

##### Classification of Construction.

1. For the purposes of this Code the various types of construction shall be classified as Frame, Non-Fireproof, and Fireproof Construction.

2. Frame Construction—See definition in section 3. For requirements as to Frame Buildings see sections 114 to 118.

3. Non-Fireproof Construction—Shall apply to all buildings and structures with exterior walls of stone, brick, concrete or other approved masonry, and floors, interior supports and other interior construction wholly or in part of wood or other combustible materials.

4. Fireproof Construction—Buildings of steel, masonry or reinforced concrete construction in accordance with sections 103 to 108 shall be considered fireproof.

#### Section 13.

##### Fire Limits.

1. No frame, wood or other combustible structure shall be built hereafter in The City of New York within the following limits:

In the Borough of Manhattan.

2. Beginning at a point on the North River at the Battery and running thence northerly along the pier headline to a point one hundred feet north of the northerly side of One Hundred and Sixty-fifth street, and running thence easterly one hundred feet north of the northerly side of One Hundred and Sixty-fifth street to a point one hundred feet west of the westerly side of Broadway; thence northerly on a line drawn always one hundred feet west of the westerly side of Broadway to the bulkhead line of the Harlem River; thence southerly along the bulkhead line of the Harlem River to the Bronx Kills; thence easterly along the bulkhead line of the Bronx Kills to the East River; thence southerly along the East River, passing to the east of Blackwells Island; and thence continuing by the pierhead line of the East River to the place of beginning.

In the Borough of The Bronx.

3. Beginning at a point on the eastern bulkhead line of the Harlem River one hundred feet south of East One Hundred and Sixty-first street, running thence easterly and parallel with East One Hundred and Sixty-first street to the east side of Sheridan avenue and one hundred feet therefrom; thence north on the east side of Sheridan avenue to a point one hundred feet north of the north line of East One Hundred and Sixty-first street; thence easterly and parallel to East One Hundred and Sixty-first street and one hundred feet therefrom to a point one hundred feet west of Park avenue; thence northeasterly and parallel to Park avenue and one hundred feet therefrom to a point distant one hundred feet west of Webster avenue; thence northerly and parallel to Webster avenue and one hundred feet therefrom to a point one hundred feet northerly of East One Hundred and Seventy-seventh street; thence easterly and parallel to East One Hundred and Seventy-seventh street and one hundred feet therefrom to Third avenue; thence southerly along the westerly boundary line of Crotona Park, and thence easterly along the southerly boundary line of Crotona Park to a point distant one hundred feet east of Prospect avenue; thence along Prospect avenue and one hundred feet east therefrom to Westchester avenue; thence along Westchester avenue and one hundred feet east therefrom to a point one hundred feet east of the easterly line of Robbins avenue; thence southerly and parallel to Robbins avenue one hundred feet east therefrom to the Port Morris Branch Railroad; thence southeasterly along the Port Morris Branch Railroad to the East River;

thence southwesterly along the East River, northwesterly along the Bronx Kills and northerly along the Harlem River to the point of beginning.

In the Borough of Brooklyn.

4. Beginning at a point formed by the intersection of Sixtieth street and New York bay; thence running easterly on a line drawn one hundred feet south of and parallel with the southerly side of Sixtieth street to Sixth avenue; thence running northerly on a line drawn one hundred feet east of and parallel with the easterly side of Sixth avenue to Thirty-sixth street; thence running westerly through the centre line of Thirty-sixth street to Fifth avenue; thence running northerly through the centre line of Fifth avenue to Twenty-fourth street; thence running easterly through the centre line of Twenty-fourth street to Sixth avenue; thence running northerly through the centre line of Sixth avenue to Twenty-third street; thence running easterly through the centre line of Twenty-third street to Seventh avenue; thence running northerly through the centre line of Seventh avenue to Twentieth street; thence running easterly through the centre line of Twentieth street to Ninth avenue, or Prospect Park West; thence running northerly through the centre line of Ninth avenue or Prospect Park West to Prospect avenue; thence running easterly through the centre line of Prospect avenue to Eleventh avenue; thence running northerly through the centre line of Eleventh avenue to Fifteenth street; thence running westerly through the centre line of Fifteenth street to Ninth avenue, or Prospect Park West; thence running northerly through the centre line of Ninth avenue, or Prospect Park West, to Flatbush avenue; thence southerly along the centre line of Flatbush avenue to Ocean avenue; thence southerly on a line drawn one hundred feet west of and parallel with the west side of Flatbush avenue to Avenue E; thence easterly through the centre line of Avenue E to Flatbush avenue; thence northwesterly on a line drawn one hundred feet east of and parallel with the easterly side of Flatbush avenue to Franklin avenue; thence northerly on a line drawn one hundred feet east of and parallel with the easterly side of Franklin avenue to Crown street; thence easterly on a line drawn one hundred feet south of and parallel with the southerly side of Crown street to East New York avenue; thence easterly on a line drawn one hundred feet south of and parallel with the southerly side of East New York avenue to Gillen place; thence northerly on a line drawn one hundred feet east of and parallel with the easterly side of Gillen place to Broadway; thence northerly on a line drawn one hundred feet east of and parallel with the east side of Broadway to Pilling street; thence easterly through the centre line of Pilling street to Central avenue; thence northwesterly on a line drawn one hundred feet east of and parallel with the easterly side of Central avenue to Flushing avenue; thence westerly from a line drawn one hundred feet north of and parallel with the northerly side of Flushing avenue to Bushwick avenue; thence northerly on a line drawn one hundred feet east of and parallel with the easterly side of Bushwick avenue to Metropolitan avenue; thence westerly on a line drawn one hundred feet north of and parallel with the northerly side of Metropolitan avenue to Graham avenue; thence northerly on a line drawn one hundred feet east of and parallel with the easterly side of Graham avenue to Skillman avenue; thence westerly on a line drawn one hundred feet north of and parallel with the northerly side of Skillman avenue to Union avenue; thence northerly on a line drawn one hundred feet east of and parallel with the easterly side of Union avenue to North Ninth street; thence northwesterly on a line drawn one hundred feet northeast of and parallel with the northeasterly side of North Ninth street to Bedford avenue; thence easterly on a line drawn one hundred feet south of and parallel with the southerly side of Bedford avenue to North Eleventh street; thence northwesterly on a line drawn one hundred feet northeast of and parallel with the northeasterly side of North Eleventh street to the East river; thence to Van Brunt street; thence northeasterly on a line drawn one hundred feet east of and parallel with the easterly side of Van Brunt street to King street; thence southeasterly on a line drawn one hundred feet south of and parallel with the southerly side of King street to Columbia street; thence northeasterly on a line drawn one hundred feet east of and parallel with the easterly side of Columbia street to Luquer street; thence easterly on a line drawn one hundred feet south of and parallel with the southerly side of Luquer street to Hamilton avenue; thence southerly on a line drawn one hundred feet west of and parallel with the west side of Hamilton avenue to Court street; thence southwesterly on a line drawn one hundred feet east of and parallel with the easterly side of Court street to Gowanus bay and New York bay to the point or place of beginning.

Also beginning at a point formed by the intersection of East River and Noble street; thence running easterly on a line drawn one hundred feet south of and parallel with the southerly side of Noble street to Lorimer street; thence southerly on a line drawn one hundred feet west of and parallel with the westerly side of Lorimer street to Nassau avenue; thence easterly on a line drawn one hundred feet south of and parallel with the southerly side of Nassau avenue to Oakland street; thence northerly on a line drawn one hundred feet east of and parallel with the easterly side of Oakland street to Newtown Creek to the East River, to the point or place of beginning.

In that part of the Twenty-ninth Ward bounded by Coney Island avenue on the west, by New York avenue on the east and by the lines of said ward on the north and south, no row of two or more attached frame stores, dwellings or buildings shall be permitted to be erected; and no frame house or building shall be erected on any lot or building plot covering more than eighty per cent. in width of any such lot or building plot.

In that part of the Eighth Ward, Borough of Brooklyn, to include the territory between the south side of Forty-fifth street and the north side of Sixtieth street, and the easterly side of Sixth avenue and the westerly side of Seventh avenue.

In that part of the Thirtieth Ward of the Borough of Brooklyn beginning at the Shore road and Bay Ridge avenue, along Bay Ridge avenue, including both sides of said avenue, to Fourteenth avenue; along Fourteenth avenue, including both sides, to Eighty-sixth street; along Eighty-sixth street, including both sides, to Third avenue; along Third avenue, including both sides, to Ninety-second street; along Ninety-second street, including both sides, to Shore road; along the said Shore road to the point of beginning—shall not occupy more than eighty (80) per cent. in width of the lot on which said building is erected.

In the Borough of Queens.

5. Bounded on the south by Newtown Creek; on the north by the southerly line of Nott avenue; on the west by the East River, and on the east by the westerly line of Van Alst avenue.

#### Section 14.

##### Limits of Area.

1. All buildings, hereafter erected, excepting Theatres, Opera Houses, Places of Amusement, Special Industry Buildings, Tenement Houses and Lodging Houses, shall have uncovered spaces for providing light and air. These spaces shall be open to the sky from the top of the second story window sills, except when sleeping accommodations are provided in the first story, in which cases the uncovered spaces shall start at the top of the first story floor beams.

2. Theatres, Opera Houses and Places of Amusement and other similar buildings shall have uncovered spaces as required in section 120.

Tenement Houses shall have uncovered spaces as required by the Tenement House Law, chapter 99 of the Laws of 1909, as amended.

Lodging Houses shall have uncovered spaces as required by section 1305 of the Greater New York Charter.

Special Industry Buildings and other buildings not herein provided for shall have uncovered spaces as required by the Superintendent.

The Superintendent, in fixing requirements for uncovered spaces for Special Industry Buildings and other buildings not provided for in this section, shall proceed as required in section 2.

3. Asylums, Bath Houses, Colleges, Detention Buildings, Hospitals, Schools, Club-houses, Studios and Bachelor Apartment Houses (with more than 15 sleeping rooms), Dormitories, Hotels and excepting frame buildings shall have uncovered spaces as set forth in paragraphs 4 and 5 of this section.

4. Buildings above enumerated on corner lots shall have uncovered spaces as follows:

Ten per cent. of the total lot area when not exceeding 75 feet in height.  
Fifteen per cent. of the total lot area when over 75 feet and not exceeding 150 feet in height.

Twenty per cent. of the total lot area when exceeding 150 feet in height.  
5. Buildings above enumerated, on lots other than corner lots, shall have uncovered spaces as follows:

Twenty per cent. of the total lot area when not exceeding 75 feet in height.  
Twenty-five per cent. of the total lot area when over 75 feet in height and not exceeding 150 feet in height.

Thirty per cent. of the total lot area when exceeding 150 feet in height.

6. All buildings not enumerated in paragraph 3 on corner lots and excepting frame buildings shall have uncovered spaces as follows:

Five per cent. of total lot area when not exceeding 75 feet in height.  
Seven and one-half per cent. of total lot area when over 75 feet and not exceeding 150 feet in height.

Ten per cent. of the total lot area when exceeding 150 feet in height.  
7. All buildings not enumerated in paragraph 3, other than corner lots, and excepting frame buildings, shall have uncovered spaces as follows:

Ten per cent. of the total lot area, when not exceeding 75 feet in height.  
Twelve and one-half per cent. of total lot area when over 75 feet and not exceeding 150 feet in height.

Fifteen per cent. of the total lot area when exceeding 150 feet in height.

8. On corner lots in excess of twenty-five feet in width, that portion of the built-up area beyond the twenty-five feet width, shall have uncovered spaces as required for lots other than corner lots, as set forth in paragraphs 5 and 7.

9. Every building other than those enumerated in paragraph 3 on lots fronting upon three or more streets may occupy the entire lot area, provided the maximum lot width does not exceed seventy-five feet.

10. The total area of uncovered spaces of all buildings hereafter erected, which are more than seventy-five feet in width, and occupy an entire block front, fronting upon three or more streets, may be less by twenty-five per cent. than is required by the provisions of paragraphs 4, 5, 6, 7 and 8 of this section.

11. When buildings not exceeding one hundred feet in width occupy an entire block, no uncovered space shall be required.

12. Excepting on corner lots, there shall be a clear space not less than five feet in width at and above the second story window sills, between the rear line of every building and the rear line of every lot. This shall not apply to buildings which extend through from one street to another street or streets, where the streets are parallel or substantially parallel to one another.

13. In every court or yard the distance between opposite boundary walls shall not be less than six feet at any point, for a height not exceeding seventy-five feet, and shall be at least one-half inch greater throughout its height for every additional foot above seventy-five feet.

14. When existing buildings are extended or increased in area the ratio of total uncovered space to the area of the lot shall not be required to be greater than it would be were the entire building erected in accordance with the requirements of this code.

15. When buildings are increased in height no portion of the addition, except the cornice and window sills, shall extend into or over any required uncovered space.

16. Uncovered spaces may be increased in size as extended upward if thereby there is provided at every given height the required area of uncovered space for a building or structure for that height.

#### Section 15.

##### Floor Areas Between Fire Walls.

1. In every building hereafter erected of the character named in this section the maximum floor area between exterior walls or fire walls shall be as required in this section.

Tenement Houses when not of fireproof construction, 3,000 square feet.

All other non-fireproof buildings: Fronting on one street, 5,000 square feet; fronting on two streets, 7,500 square feet; fronting on three or more streets, 10,000 square feet.

Armories, Churches, Auditoriums, Hotels, Light and Power Stations, Office Buildings, Railway Passenger Stations, School Buildings and Colleges, Tenements, Theatres, when of fireproof construction no restrictions as to area; Car Barns, 20,000 square feet.

All other fireproof buildings: Fronting on one street, 7,500 square feet; fronting on two streets, 10,000 square feet; fronting on three or more streets, 12,500 square feet.

The first story only of every fireproof building hereafter erected or occupied as a store, the floor area may be 20,000 square feet.

2. The allowable floor areas required in this section may be increased fifty per cent. when a standard equipment of automatic sprinklers is installed, excepting in the case of Car Barns.

#### Section 16.

##### Light and Ventilation.

1. In all buildings hereafter erected, every sleeping room shall be provided with a window or windows opening directly upon a street, yard or court, except that in dwellings a window shall not be required in a sleeping room which is lighted and ventilated by a skylight, or which is connected by an opening not less than 48 square feet in the clear, with a room other than a sleeping room provided with at least two windows of not less than 15 square feet area each between stop beads, and opening directly on a street or yard. The windows of every sleeping room shall be not less than 12 square feet between stop beads and the sash shall be so arranged that they can be opened to the extent of one-half their area. The glass area of skylights for ventilating sleeping rooms shall be not less than 9 square feet, and the skylight shall be provided with movable ventilating louvres or sash.

In every building, other than detached dwellings and dwellings occupied by not more than one family, every sleeping room shall be, for at least two-thirds of its area, not less than 8 feet 6 inches high from the finished floor to the finished ceiling, and shall be not less than 7 feet in width at its narrowest point for an area of not less than 70 square feet, except that in hotels the area shall be not less than 80 square feet.

2. No sleeping room shall be hereafter placed in any story the ceiling of which is less than 4 feet and 6 inches above the curb or adjacent ground level.

3. Light and ventilation of sleeping rooms in tenement houses shall be as required in the Tenement House Law, chapter 99 of the Laws of 1909, as amended.

Light and ventilation of sleeping rooms in lodging houses shall be as required in section 1307 of the Greater New York Charter.

#### Section 17.

##### Entrances and Doors.

1. Every building hereafter erected or altered shall have at least one entrance direct to a street, or to a yard or court, communicating directly with the street.

2. In every building hereafter erected, except dwellings, all doors giving admission to or egress from the building shall be so hung as to swing outwards when opening. This requirement shall not be construed to prohibit the use of doors with double acting hinges. Sliding doors only may be used in stables, garages, store rooms and shipping and receiving rooms of manufacturing, mercantile and industrial buildings, as approved of by the Superintendent.

3. In every factory, workshop, loft, store, printing-house, school, college, telephone exchange building, detention building, excepting jails, police stations and prisons and lodging house, hereafter erected, the width in the clear of each door or doors opening at the street level shall be not less than the aggregate required width of the stairways, which lead to it from above. In every such building now existing or hereafter erected, every door leading from any loft or space above the street level shall, in opening, swing outward from the loft or space into the stair hall, and every such door shall be so arranged that at every point of the arc of opening and closing of the door, the width of the passageway on the landing platform or hall shall be not less than the required width of the stairs.

4. At all times during business hours, and such other times as the building is occupied by any person, every exit and every door leading to a hallway or stairway which leads to an exit door from a loft or space, which is occupied by any person, shall be unlocked.

5. In every school-house, every gate shall open for the full width of the exit opening, and shall be kept locked open during school hours.

6. A clearly painted sign marked "EXIT" in letters not less than eight inches in height, shall be placed over all exits in the above buildings. The elevators shall be provided with similar signs marked "ELEVATOR." There shall be provided over every such sign means for artificial lighting with a red globe.

7. No doorway shall be obstructed or reduced beyond its width in any way whatsoever.

8. Entrances and doors in tenement houses shall be as required in the Tenement House Law, chapter 99 of the Laws of 1909 as amended, and entrances and doors for theatres, opera houses, motion picture show-houses and places of public or private entertainment shall be required as in section 120 of this code.

#### Section 18.

##### Stairs.

1. Buildings less than thirty-six feet six inches in height occupied by less than fifty persons above the first floor, may have wooden stairways, where enclosed on all

stories. Such enclosures shall not be required for dwellings. The enclosures required in this paragraph may be of wood studs provided they are firestopped at every story with incombustible material, and wire-lathed or covered with approved plaster boards on both sides, and in each case plastered with at least one-half inch of mortar on all exposed surfaces; or such enclosures may be of other approved equally slow burning material. When stairways in such buildings not exceeding 30 feet in height are of incombustible material, enclosures will not be required.

2. Buildings more than thirty-six feet six inches in height or which are occupied by more than fifty persons above the first floor, shall have all stairs, platforms, landings, and stair hallways of incombustible material and be enclosed as required in section 22, except that in schools and colleges, an open stairway may extend from the main entrance to the first floor above, or from the floor level of the assembly room, when on the ground floor, to the level of the gallery floor above same.

3. All stairs, platforms, landings, and stair halls shall be of sufficient strength to safely sustain a live load of not less than one hundred pounds per square foot, and except in dwellings shall conform to all the requirements of this section as to hand rails, newels, landings, widths, exits, and prohibition against winders. Stair strings when of metal shall be not less than one-quarter inch in thickness. The space beneath any stairway built in whole or in part of combustible material shall be left entirely open or be completely enclosed without any opening.

4. No stories in any building except dwellings shall be connected by an open well or stairway unenclosed other than provided in paragraph 1.

5. Stairways used as required means of exits shall be at least forty-four inches wide between faces of walls, or forty inches wide between face of wall and an open balustrade, or between two open balustrades; other than required stairways shall be at least twenty-two inches wide. All such widths shall be clear of all obstructions except that hand rails attached to walls may project not more than four inches within them. If newels project above tops of rails, a clear width of at least forty-four inches shall be provided between the faces of the newel and the face of the wall or newel opposite. All stairs shall have walls or well secured balustrades or guards on both sides, and except in dwellings, and stairs twenty-two inches in width, shall have hand rails on both sides. A stair of seven feet four inches or more in width shall be provided with a continuous intermediate hand rail substantially supported. All stairs shall have treads and risers of uniform width and height throughout each flight, and the rise shall be not more than seven and three-fourths inches, and the tread exclusive of the nosing not less than nine and one-half inches. Each flight of stairs exceeding twelve feet in height shall have an intermediate landing, at least three feet in length.

Buildings in which there may be a congregation of people for civic, political, educational, religious or amusement purposes, and in those used for the care or treatment of persons, excepting as required in section 120, stairs exceeding eight feet in height shall have an intermediate landing at least three feet in length.

No winders shall be permitted in stairways over twenty-two inches in width, excepting in dwellings, public and other special buildings where the use and arrangement is approved by the Superintendent.

Whenever the treads or landings are of slate, marble, stone or composition, they shall be supported for their entire length and width by a solid metal plate at least one-eighth of an inch thick, securely fastened. When stairs are of incombustible material, other than metal, and treads and landings are each solidly supported for their entire length and width by masonry, metal supports for treads may be omitted.

All stairways that serve as required means of exit for one or more of the upper four stories of any building shall be continued their full width to the roof, and shall lead by a direct line of travel to the first story, and open directly on to the street, or an open-air passage leading directly to the street, or through a fireproof passage or corridor the full width of the stairway and not less than seven feet in height to the street. In the case of schools and colleges, access from the stairways to the street may be through a clear space, floored and enclosed with fireproof material.

6. All stairways that serve as required means of exit, excepting in buildings less than thirty-six feet and six inches in height, occupied by less than fifty persons above the first floor, shall be constructed in one of the following three manners

(a) Enclosed Interior Stairways, as required in paragraph 2, 3, 4 and 5 of this section.

(b) Exterior Stairways, as required in paragraphs 2, 3, 4 and 5 of this section, and enclosed on all sides with approved incombustible weather-proof material.

(c) Tower Stairways shall be constructed as required in paragraphs 2, 3, 4 and 5 and completely enclosed from top to bottom by walls of brick, stone, concrete or masonry not less than eight inches thick, extending from the sidewalk, court or yard level to the roof and with the walls extending above the roof to form a bulkhead. There shall be no opening in any wall separating the stairway from the building. Access shall be provided to the stairway from every story of the building by outside balconies or vestibules of steel, wrought iron, or masonry, open on at least one side upon an open space not less than one hundred square feet in area. Every such balcony or vestibule shall have an unobstructed width of at least forty-four inches. The balcony or vestibule shall be provided with a solid incombustible floor. Railings of steel, wrought iron or other approved incombustible material shall be provided not less than three feet high. Access to the balcony or vestibule from the building and to the stairways from the balcony or vestibule shall be by means of fireproof doors not less than forty-four inches wide and seven feet high, which shall swing outward on to the balcony or vestibule, and inward from the balcony or vestibule to the stairway, and shall be provided with locks or latches with visible fastenings requiring no keys to open them. The level of the balcony or vestibule floor shall be not more than seven and three-fourths inches below the door sill of the building. Landings in such stairways shall be of a width that the doors in opening into the stairway shall not reduce the free passageway of the landing to a width less than the width of the stairway.

Every such stairway shall be provided with an adequate system of artificial lighting, arranged to insure reliable operation when through accident or other causes the general lighting is extinguished.

7. Construction, minimum width and arrangement of stairs in tenement houses and factories shall be as required in the Tenement House Laws and the Labor Law.

#### Section 19.

##### Required Number of Exits and Stairways.

1. Every building hereinafter erected, and every building altered or converted to increase its occupancy, excepting dwellings, tenement house, theatres, opera houses and places of amusement, shall have exits and stairways as required in this section.

2. (a) The term "floor area" in this section shall mean the entire space between exterior walls, fire walls or fire division partitions.

(b) The term "stair exit" in this section shall be as required in paragraph 6, section 18.

(c) The term "horizontal exit" in this section shall be an opening through a fire wall, fire division partition or any wall or walls separating two buildings, or an exterior bridge or balcony not less than forty-four inches wide connecting two buildings, or two floor areas of the same building. Where there is a difference in level between the connected buildings or floor areas, gradients shall be provided of not more than one foot in six feet. The bridges or balconies shall be constructed throughout of incombustible material and shall be enclosed on all sides, top and bottom, with approved fireproof material not less than four inches thick, unless exterior windows or other exterior openings in connected buildings or floor areas within thirty feet of such bridge or balcony are provided with metal frames and self-closing sash with wired glass where glass is used.

The floors of such bridge or balcony shall be not more than seven and three-fourths inches below the door sills opening onto them; the floors within the building shall be not more than one inch below such sills.

All openings in horizontal exits shall be provided with self-closing fireproof doors not less than forty-four inches wide and seven feet high in fireproof frames. No glass panels shall be permitted in such doors and they shall be kept unlocked during the occupancy of any portion of the floor areas or connected buildings. Every such bridge or balcony when enclosed shall be provided with means for lighting as required in section 18.

The floor area on each side of a horizontal exit shall have provided for the joint occupancy not less than five square feet of unobstructed floor space per person, and shall be provided with at least one stairway as required in section 18 and section 22.

3. (a) There shall be provided from every floor area above the first floor at least two means of exit remote from each other, one of which shall be as required in section 18 and section 22, the other may be a horizontal exit as defined in this section.

No part of any floor area above the first floor, excepting buildings of class F, shall be more than one hundred feet distant from the entrance to one such means of exit.

(b) Whenever any floor area above the first floor exceeds five thousand square feet, there shall be provided, in addition to the exits required in 3 (a), at least one additional means of exit, as required in section 18 and section 22, for each five thousand square feet or part thereof in excess of five thousand square feet.

(c) In every building over one hundred feet in height one of the means of exit shall be a tower stairway as required in section 18.

4. (a) In determining the occupancy of any building, the width of stairways required for any floor area above the first floor, shall be determined by the number of persons occupying such floor area, computed on the basis of fourteen persons for each full twenty-two inches width of stairway, excepting that in any building where a system of automatic sprinklers is installed throughout the entire building, as required in section 24, the number and width of stairways may be computed on the basis of twenty-one persons for each twenty-two inches width of stairway, and excepting that when horizontal exits are provided as required in 2 (c) of this section, the number and widths of required stairways for floor areas above the first floor may be diminished on the basis of fifty persons for each twenty-two inches width of horizontal exit, provided that in no case shall there be less stairway or means of exit than required in paragraph 3, a, b and c of this section.

5. There shall be provided from the cellar, basement and first story of every building hereafter erected exits as may be required by the Superintendent.

6. Required number of exits and stairways in tenement houses and factories shall be as required in the Tenement House Law and the Labor Law.

7. The stairways in schools and colleges shall be determined by allowing four feet in width between the stair strings for the first fifty pupils, and six inches for each additional fifty pupils; no stairway to be less than forty inches between hand-rails, which should be placed on each side of each run of stairs.

#### Section 20.

##### Exits and Stairways of Existing Buildings.

Exits and stairways of existing buildings shall be subject to the requirements of the Laws relating thereto and under the jurisdiction of the State Labor Department, Fire Department, and the Tenement House Department of The City of New York.

#### Section 21.

##### Engineers' Stationary Ladders.

Every building in which high-pressure steam boilers are placed below the curb level, shall have stationary iron ladders or stairs from such story leading direct to a manhole through the sidewalk or other outside exit, in addition to another approved means of entrance and exit.

#### Section 22.

##### Enclosures for Elevators, Stairways and Shafts More than 6 Square Feet in Area.

1. Enclosures for elevators, escalators, stairways, stairway halls, and other means of ingress and egress hereafter placed in any building, and all shafts more than 6 square feet in area, shall be enclosed by partitions of brick, terra cotta blocks or concrete, as required in this section and such other material, or blocks at least 6 inches in thickness, as may be approved after test required in section 107.

2. If non-bearing such partitions shall be laid in Portland cement mortar and shall be of the following minimum thickness:

##### Brick or Concrete.

Eight-inch thickness for the uppermost 40 feet.

Four-inch increase in thickness for each lower 40 feet or part thereof.

Eight-inch in thickness for the entire height when wholly supported at vertical intervals of not over 40 feet and suitably spaced upright members.

##### Terra Cotta Blocks.

Six-inch in thickness for the entire height when wholly supported at vertical intervals of not over 24 feet and suitably spaced upright members.

##### Reinforced Stone Concrete.

Four-inch in thickness for the uppermost 24 feet.

Four-inch increase in thickness for each lower 40 feet or part thereof.

Four-inch in thickness for the entire height when wholly supported at vertical intervals of not over 24 feet and properly spaced upright members where required.

##### Reinforced Cinder Concrete.

Four-inch in thickness for uppermost 18 feet.

Four-inch increase in thickness for each lower 18 feet or part thereof.

Four-inch in thickness for the entire height when wholly supported at vertical intervals of not over 18 feet and properly spaced upright members where required.

3. Partitions when used as bearing walls shall be of the material and thickness as required in Section 93.

4. The bottom of such enclosure and the top when not extended through the roof, shall be of fireproof material not less than 4 inches in thickness.

5. When such enclosure extends through the roof, it shall be extended at least three feet above the roof, and shall be enclosed at the top by at least four inches of fireproof material, and with a skylight of at least three-fourths of the area of the enclosure, or with a window of equivalent or equal area in the side of the enclosure above the main roof and not located on a property line.

Elevator shafts that extend to the top floor shall be carried through the roof, and in non-fireproof buildings extend at least three feet above it.

6. All steel supporting shaft enclosures, as required in this section, shall be fireproofed on all sides, in the manner required for steel in fireproof buildings.

7. In every existing non-fireproof building occupied as an asylum, college, detention building, hospital, school, amusement hall, exhibition building, public hall, dormitory, hotel and lodging house in which an existing elevator shaft is not enclosed by a partition of incombustible material, such elevator shaft shall be placed in an enclosure constructed and arranged as required in this section.

8. When the compartment that contains the machinery for operating an elevator communicates with an elevator shaft, it shall be enclosed with fireproof partitions as required for the shaft.

9. Shafts hereafter constructed shall not contain more than two elevators; excepting where there are only two elevators they shall be in separate shafts.

10. All door openings shall be provided with approved fireproof doors in fireproof frames and shall be self closing, except for elevators. No glass panels shall be permitted in such doors, except that in doors to elevator shafts a wire glass panel not exceeding 288 square inches may be provided in each door.

Windows shall not be permitted in such enclosures, except those which open to the outside air, and which are at least three feet distant from any other opening; all such windows shall be fireproof and automatically self-closing.

11. Enclosures for elevators and stairways in tenement houses shall be as required in the Tenement House laws.

#### Section 23.

##### Enclosures for Dumbwaiters and Shafts Less than Six Square Feet in Area.

1. Enclosures for pipe, duct, vent, light, dumbwaiter and all other shafts less than six square feet in area, hereafter placed in any building, except dumbwaiter shafts that do not extend more than one story above the cellar or basement floor in dwellings, shall be enclosed by suitable partitions of brick, terra cotta blocks, concrete, plaster blocks, or other approved fireproof materials not less than two inches thick, where built on suitable steel framing and upright steel members or strengthened and reinforced with approved visible metal dowels or rods not less than 1/4 inch in diameter. Portland cement mortar shall be used in block construction.

2. Where a dumbwaiter shaft in existing buildings extends into the cellar or the lowest story of a non-fireproof building, it shall be enclosed in that story with walls of masonry not less than eight inches thick.

3. The bottom of all dumbwaiter shafts hereafter erected shall be of fireproof material, and where such shaft does not extend through the roof, the top of the shaft shall be of fireproof material of at least the thickness of the partitions.

4. When a dumbwaiter shaft hereafter erected extends through the roof it shall extend at least three feet above the roof, and shall be covered with fireproof material and glazed with single thickness glass, and have a metal frame skylight covering at least three-fourths the area of the shaft.

5. All openings in shaft partitions shall be provided with approved self-closing fireproof doors and fireproof jambs.

6. The requirements of this section shall not apply to shafts in dwellings outside the fire limits.

7. The partitions of all light and vent shafts whether exterior or interior here-

after erected shall be carried up not less than three feet above the level of the roof and shall be coped, except when the skylight covering the shaft or vent extend over the walls, coping may be omitted.

## Section 24.

*Standpipes, Automatic Sprinklers, Auxiliary Fire Appliances.*

1. Standpipes, automatic sprinklers and all appliances connected therewith shall be installed as required by the Fire Commissioner.

2. In addition to the requirements of Paragraph 1, all factories shall be subject to the requirements of the Labor Laws.

3. The Fire Commissioner shall make rules for the installation of standpipes, automatic sprinklers, apparatus connected therewith, and all fire appliances. Such rules and regulations shall conform to existing laws or ordinances affecting same, shall be issued by the Fire Commissioner on the first day of January and the first day of June of each year; and when so issued shall be published for four successive Mondays in the City Record, and shall thereupon take effect and become part of this code.

4. In every building of classes E and F, hereafter erected, the height of which exceeds fifty feet, except office buildings, restaurants, light and power plants, there shall be provided in addition to standpipes, a complete equipment of automatic sprinklers as required by the Fire Commissioner, with at least one automatic supply, capable of furnishing water at a pressure sufficient to give not less than fifteen pounds on the highest line of sprinklers. The capacity of the automatic supply shall be ample to furnish water to at least twenty-five per cent. of the sprinklers in any one floor area between fire walls for at least twenty minutes at the average rate of twenty gallons per head per minute.

In all factory buildings automatic sprinklers shall be provided as required by the Labor Laws.

## Section 25.

*Fireproof Doors, Windows and Fire Shutters.*

1. Every building hereafter erected which is more than 36 feet 6 inches in height, except churches and buildings of classes C and D, shall have approved fireproof doors or fireproof frames and sash glazed with wire glass on every exterior window and opening above the first floor, except on openings fronting on streets which are more than thirty feet in width, or where no opening in another building is within thirty feet of such opening.

2. Approved fire shutters may be substituted in place of the fireproof windows and sash required in (1). In such cases at least one row in every three vertical rows of shutters shall be arranged to be readily opened from the outside, and a distinguishing mark satisfactory to the Fire Commissioner shall be provided on these shutters.

3. In all factories all windows shall be as required by the Labor Laws.

4. The windows, doors, bucks, jams and sashes in public halls in all buildings more than 100 feet in height shall be fireproof, with wire glass panels where glass is used, not exceeding three square feet in each panel.

## Section 26.

*Cellar Drainage.*

Before the walls of buildings are carried above the first tier of beams the cellar shall be connected with the sewer. Should there be no sewer in the street or if the cellar is below water or sewer level, adequate provision shall be made to prevent water accumulating, to the injury of the foundation.

## Section 27.

*Cellar and Ground Floor.*

1. In all buildings hereafter erected any floor laid on the ground shall be covered with concrete not less than four inches thick and waterproofed where required by the Superintendent. All exterior walls below the ground level shall be waterproofed as required for floors.

2. All partitions in cellars of buildings more than 36 feet 6 inches in height, excepting partitions enclosing coal and wood bins shall be of fireproof construction, excepting in buildings outside the fire limits.

## Section 28.

*Cellar Ceilings.*

The wood beams of the ceiling of the cellar or lowest story of every building, except frame buildings, hereafter erected or altered so as to change its occupancy shall be covered with metal lath, as specified in section 105, plaster boards at least 1/2 inch in thickness, or other approved fireproof material, and plastered in an approved manner.

## Section 29.

*Vaults Under Sidewalks.*

Where a vault is built under the sidewalk a wall shall be constructed to retain the adjacent banks.

The roofs of all vaults shall be of approved incombustible material. Glass, when used in the roofs of the vaults, shall measure not more than sixteen square inches.

## Section 30.

*Projections Beyond the Building Line.*

1. Open areaways, railings, steps, or any portion of a building or structure shall not project beyond the building line at any point less than ten feet above the curb level except that areaways covered with iron gratings set flush with sidewalks may project not more than four feet beyond the building line for the purpose of providing light and ventilation to cellars and openings covered with iron doors with rough surface set flush with sidewalk not more than three feet in width may project not more than four feet beyond the building line. Water tables, belt courses and sills shall not project more than two inches beyond building line, and bases, columns, pilasters, capitals or other decorative features which are part of the construction shall not project more than six inches beyond the building line. Such projections may be erected only upon a revocable permit issued by the Superintendent when in his opinion such projection will not encroach upon or occupy any portion of the sidewalk in any manner which may obstruct the free use of such sidewalk for travel thereon.

2. Alterations or repairs to store fronts, show windows, steps, or areaways shall be subject to the requirements of this Section.

## Section 31.

*Bay, Oriel and Show Windows.*

No bay, oriel or show windows shall project beyond the building line at any point. When erected within the fire limits, they shall be protected by incombustible material. Cornices of show windows more than ten feet above the curb may project not more than 18 inches beyond the building line.

## Section 32.

*Roofs.*

1. Every building, within the fire limits, hereafter erected shall be covered with an approved roofing made of brick, concrete, tile, slate, metal, asbestos shingles, slag, gravel or such other materials as may be shown by test to be equivalent to the above. Slag or gravel roofing shall be composed of not less than five layers of roofing felt, which shall weigh at least fourteen pounds for each one hundred square feet, single thickness. For each one hundred square feet of slag or gravel roofing there shall be used not less than one hundred and twenty pounds of coal tar pitch, or asphalt, and the surface shall consist of not less than four hundred pounds of gravel or three hundred pounds of slag.

2. The outside of the frame of every dormer window hereafter placed upon any building within the fire limits shall be covered with brick, tile, slate, metal or other approved incombustible material. Nothing in this section shall be construed to prohibit the repairing of any shingle roof, provided the building is not increased in height, but this shall not permit the renewal of a shingle roof. The wood planking and sheathing of roofs shall not in any case extend across any side or party walls.

3. Any roof having a pitch over 60 degrees, placed on any building over 36 feet 6 inches high, except frame buildings, shall be constructed of iron or steel frames filled with fireproof material not less than three inches thick. The outsides of such roofs shall be covered with metal, slate, tile, or other incombustible material.

## Section 33.

*Cornices and Gutters.*

1. On buildings or structures hereafter erected within the fire limits the exterior

cornices, inclusive of those on show windows and gutters, shall be of incombustible material. Cornices shall be secured to the walls with metal framing or anchors, spaced not over four feet apart, and extending at least four inches into the wall at top and bottom.

2. Exterior wooden cornices on buildings or structures, within the fire limits, which are unsafe or are damaged more than one-half, if replaced, shall be of incombustible materials. If not damaged to the extent of one-half, they may be repaired with the same material of which they were originally constructed.

## Section 34.

*Roof Leaders.*

All buildings excepting detached dwellings with overhanging eaves, when approved by the Superintendent, shall be provided with proper metal leaders, which shall be connected to the sewer. Where there are no sewers such leaders shall be connected by pipes below the surface to the street gutter or to a cesspool.

## Section 35.

*Tanks.*

Tanks of more than five hundred gallons' capacity shall be properly supported by steel or masonry. Underneath any such tank or on the side near the bottom there shall be a pipe or outlet, not less than four inches in diameter, fitted with a quick opening valve. Tanks shall not be placed over stairs or elevator shafts. Wood covers of tanks on roofs shall be covered with metal. Hoops of tanks shall be of metal round in section.

## Section 36.

*Scuttles on Roofs.*

Upon the roof of every building more than fifteen feet in height except dwellings with peaked roofs there shall be a scuttle or bulkhead, with stairs or substantial stationary iron ladder leading thereto, which shall at all times be easily accessible to occupants. All non-fireproof scuttles shall be covered on the top and edges with sheet metal or other approved fireproof material. The roof opening shall be at least two feet by three feet in size.

## Section 37.

*Pent Houses and Bulkheads.*

1. Enclosures upon roofs for tanks, elevators or elevator machinery, and all pent houses and bulkheads hereafter erected, shall be of fireproof construction except upon frame buildings. The outside surface in all cases shall be covered with approved incombustible weather-proof material, including all surfaces and the edges of doors and jams. Where door jams are blocked out from the fireproofing, the space between the jamb and the fireproofing shall be filled in solid with approved incombustible material or the back of jamb shall be metal covered. All such pent houses and bulkheads shall have floors of incombustible material; and all windows, doors and trim shall be of metal or metal covered; with wire glass where glass is used. Stairs with suitable hand rails shall lead to the pent house or bulkhead.

2. Bulkheads or pent houses when used only for the purpose of enclosing staircases to roofs, elevator machinery, water tanks, ventilating apparatus, exhaust chambers, or other machinery, need not be considered in determining the height of a building.

Pent houses when occupied for purposes other than hereinbefore described, shall not exceed 12 ft. in height, and shall not occupy more than seventy-five per cent. of the area of the roof, including all other bulkheads or pen houses, excepting that in tenement houses the requirements of the Tenement House Law shall apply, and excepting that no such bulkhead or pent house shall be occupied for factory, office, storage, or for dwelling purposes, other than for the exclusive use of the Janitor.

## Section 38.

*Ducts for Pipes.*

Ducts for pipes, wires, cables and for similar purposes shall be constructed as required in section 23, or shall be fire-stopped at each floor. Pipes, wires, cables or similar material shall not be encased within or imbedded in the required fireproofing of columns or other structural members.

## Section 39.

*Wainscoting.*

The surface of the walls or partitions behind wainscoting shall be plastered flush with the grounds and down to the floor line.

## Section 40.

*Floor Lights.*

Floor lights shall be constructed of metal frames and bars or plates, or re-enforced concrete or other approved fireproof material. Glass shall be not less than three-quarters of an inch in thickness. If any glass measures more than sixteen square inches, there shall be a mesh of wire, either in the glass or under the same. Floor lights shall be of the same strength as the floors in which they are placed.

## Section 41.

*Skylights.*

1. All skylights shall have metal frames and sash. All skylight frames and parts thereof shall be riveted or otherwise securely fastened, in addition to soldering.

2. Skylights hereafter placed in buildings of a public character over any passageway or room of public resort, shall either be glazed with wired glass or if plain glass be used, they shall be protected above by galvanized wire screens. No wire glass shall be placed in a skylight at the top of enclosures for elevators, escalators, stairways, dumbwaiters, vent and light shafts; all skylights not glazed with wired glass excepting for dumbwaiter shafts shall be protected above by galvanized wire screens. The mesh of such screens shall not exceed one inch, and the wire shall be not lighter than No. 12. All screens shall have substantial metal supports and shall be placed at least six inches above and project six inches beyond the edges of skylights.

## Section 42.

*Skylight and Roof Protection.*

1. Where walls are carried up two stories or more above the roofs of adjoining buildings, proper means shall be provided and used by the person erecting the walls for the protection of the skylights and roofs of such adjoining buildings.

2. Should the owner of such adjoining buildings refuse to grant permission to have the roofs and skylights properly protected, such refusal shall be reported in writing to the Superintendent, and it shall then be the duty of the owner refusing such permission to make his skylights and roofs safe at his own expense.

## Section 43.

*Shed Coverings for Protection of Pedestrians.*

When buildings are erected or increased in height over 36 feet 6 inches or where alterations are made to fronts of buildings over 36 feet 6 inches in height a substantial shed shall be erected from the area line to the curb for the full frontage of the building. Such shed shall be maintained until the building is completely enclosed. No shed shall be required when a building is erected 10 feet or more back of the building line. The street side shall be kept open for a height of not less than 6 feet above the curb. Shed shall be kept properly lighted at night. Sheds shall be subject to the approval of the Superintendent.

## Section 44.

*Outside Scaffolds.*

Whenever outside scaffolds are used on buildings over 36 feet 6 inches in height, whether they be suspended or constructed of poles and thrustouts, they shall be provided with a substantial guard railing or enclosure of wire mesh or other suitable material, extending four feet above the working platform on its outer edge and ends. All such scaffolds shall be constructed in a manner to secure the safety of the workmen on and under them, and the people using the street.

## Section 45.

*Loads.*

1. The dead loads in all buildings shall consist of the weight of walls, permanent partitions, framing, floors, roofs and all other permanent construction.

2. The live loads shall include all forms of loading other than the weight of the material entering into the construction.

3. Every floor shall be of sufficient strength in all parts to bear safely the weight to be imposed thereon, in addition to the weight of the floor itself; but shall safely support a minimum live load per square foot of area as specified in the following table:

Class of Building.	Live Loads, Pounds per Square Foot.	
	Ground and Lower Floors.	Upper Floors.
Foundries, Light and Power Plants, Printing and Lithographing Houses, Railroad Freight Depots.	250	250
Warehouses	200	150
Garages	150	120
Fire Houses	120	40
Armories	120	90
Exhibition Buildings, Lofts, Work-Shops, Mar- kets, Stores	120	120
Factories	120 or more	120 or more
Railway Passenger stations	120	90
Office Buildings	120	60
Court Houses	100	100
Amusement Halls, Churches, Libraries, Public Halls, Municipal Buildings, Museums, Theatres.	90	90
Schools and Colleges	90	75
Asylums, Bath Houses, Club Houses, Detention Buildings, Dormitories, Hospitals, Hotels, Lodge Rooms, Lodging Houses, Restaurants, Studios...	90	60
Stables	75	75
Tenement Houses and Dwellings	60	40

4. No safe shall be placed on a stair landing or in a stair hall nor shall its weight be carried by any beam which also carries the floor of any stair landing or stair hall.

5. Every roof with a pitch less than twenty degrees with the horizontal shall be proportioned to bear safely a live load of forty pounds per square foot of surface. If the pitch be more than twenty degrees, the live load shall be assumed to be thirty pounds per square foot measured on a horizontal plane.

6. Every column, post or other vertical support shall be of sufficient strength to bear safely the combined live and dead loads of the portion of each and every floor which depends upon it for support.

In buildings more than five stories in height the following reductions are permissible: For columns, piers and walls supporting roof and top floor, no reduction; for columns, piers and walls supporting each succeeding floor a reduction of 5 per cent. of the total live load per floor may be made, but the total deduction shall not exceed 50 per cent.

7. The live loads for sidewalks between the curb and building lines, shall be taken at three hundred pounds per square foot, and for courts and yards inside the building line one hundred and twenty pounds per square foot.

8. Any floor beam in a building of Class E shall be capable of sustaining a live load at its center of at least 4,000 pounds.

#### Section 46.

##### Strength of Existing Floors to Be Computed.

In every existing building of Classes B, E and F, the weight that each floor will safely sustain shall be computed. Such computation shall be filed in the Bureau of Buildings, with an affidavit by the person computing the same in such manner as the Superintendent may direct, and shall give full information on which the computations are based. When the safe live load on any existing floor thus ascertained has been approved by the Superintendent, the owner shall post one or more copies of such approved live load in such conspicuous place or places on every story as may be designated by the Superintendent, and no floor shall be loaded in excess of this safe allowance mentioned in said posted copy.

In existing buildings the live load for each floor heretofore approved by the Superintendent shall be posted as required in this section. In every building hereafter erected and now existing of Classes B, E and F, the weights that each floor will safely sustain upon such floor or varying part thereof, shall be stated in the certificate of occupancy and posted as required in section 9.

#### Section 47.

##### Wind Pressure.

1. All buildings in which the height is more than four times the minimum horizontal dimension shall be designed to resist a horizontal wind pressure of thirty pounds for every square foot of exposed surface measured from the ground to the top of the structure, including roof, allowing for wind in any direction, and if the connections and main members of the frame are not of sufficient strength to safely sustain this wind load without exceeding the safe allowable unit stresses as herein-after given, then such bracing and additional material shall be provided as may be necessary.

2. The overturning moment due to wind pressure shall not exceed seventy-five per cent. of the moment of stability of the structure, unless the structure is securely anchored to the foundation, the anchors to be of sufficient strength to safely carry the excess overturning moment, without exceeding the allowable unit stresses as given in this code.

3. When the stress due to the wind in any member amounts to less than fifty per cent. of the total live and dead loads, it may be neglected. When the stress due to the wind exceeds fifty per cent. of the stress due to live and dead loads combined all these stresses shall be added together and the allowable unit stress for the total may be taken at fifty per cent. in excess of the values stated in Sections 62, 63 and 108.

#### Section 48.

##### General Test Requirements.

1. All new building materials, when not otherwise specified in this Code, shall be of a quality to meet the requirements of this Code, and specifications of required test as determined by the Superintendent.

2. All tests shall be conducted under the direction and supervision of the Superintendent, or an authorized representative. Laboratory tests shall be at a testing laboratory of recognized standing as approved by the Superintendent. Tests shall be made at the expense of the applicant.

3. A Superintendent in any Borough conducting a test shall notify the Superintendents of all the other boroughs at least three days in advance of such test.

4. Materials, appliances, or methods of construction which have been tested and approved shall be used and installed in the same manner as they were tested and approved. All materials which have been tested and approved shall have a brand mark or a brand for identification impressed on or otherwise attached to it.

5. Additional tests shall be made from time to time at the discretion of the Superintendent.

#### Section 49.

##### Brick.

All brick shall be sound, hard burned brick as approved by the Superintendent. Second-hand brick shall be thoroughly cleaned before being used. Not more than five per cent. shall be bats or broken brick.

#### Section 50.

##### Sand.

1. Sand used for building construction shall be sharp, clean, coarse and silicious.

2. Sand for reinforced concrete shall be of such quality that mortar proportioned by weight of one part Portland cement and three parts sand shall show a tensile strength of not less than 80 per cent. of the strength of mortar made in the same proportions with the same cement and standard sand.

#### Section 51.

##### Lime.

1. Slaked lime (lime putty) shall be made from well-burned quick lime, free from ashes, clinker and other foreign material.

2. Dry hydrated lime shall be the finely-divided product resulting from mechanically slaking pure quick lime at the place of manufacture.

#### Section 52.

##### Lime Mortar.

Lime mortar shall be made of one part by volume of slaked lime (lime putty) or dry hydrated lime, and not more than four parts by volume of sand.

#### Section 53.

##### Cements.

Wherever the terms Portland cement or natural cement are mentioned in this Code they shall mean a cement which shall meet the respective requirements for Portland cement and natural cement of the Standard Test Specifications of the American Society for Testing Materials and other requirements of the Superintendent.

#### Section 54.

##### Cement Mortar.

Cement mortar shall be made of Portland or natural cement and sand in the proportions of one part of cement and not more than three parts of sand by volume, where Portland cement is used, and one part of cement and two parts of sand where natural cement is used. It shall be used immediately after being thoroughly mixed.

#### Section 55.

##### Cement-Lime Mortar.

Cement-lime mortar shall be made of one part of cement, one part of slaked lime or dry hydrated lime, and not more than three parts of sand to each. All materials to be measured.

#### Section 56.

##### Hollow Building Blocks.

1. Hollow building blocks of hard burned terra cotta or of concrete, may be used for enclosure, curtain, bearing or non-bearing walls of buildings when not exceeding 52 feet in height or four stories, provided that such blocks are not stressed beyond the safe limits prescribed in this section. The minimum thicknesses of such walls shall be as required for the various classes of buildings in section 93, excepting that in no case shall bearing walls for buildings over 25 feet in height or two stories be less than 12 inches thick.

2. The minimum thicknesses of shells of hollow blocks when used in enclosure, curtain, bearing or non-bearing walls shall be not less than one inch for terra cotta blocks and one and one-half inches for concrete blocks and the thickness of webs shall be not less than three-quarters of an inch for terra cotta blocks and one and one-half inches for concrete blocks. The minimum thickness of shells and webs of terra cotta or concrete blocks when used in non-bearing partitions shall be not less than five-eighths of an inch. Hollow blocks when used for bearing walls shall have not more than 52 per cent. of cellular spaces when of terra cotta nor more than 33 1/3 per cent. of cellular spaces when of concrete, unless such blocks are filled solid with concrete as hereinafter required. Concrete blocks shall be made of one part Portland cement and not more than 5 parts of clean, coarse, sharp sand and gravel or a mixture of one part of Portland cement and not more than 5 parts of crushed trap rock or other suitable aggregate as approved by the Superintendent and such blocks shall not be used in construction until they have attained the age of 28 days or developed the strength required in this section. All building blocks shall be laid in Portland cement mortar.

3. All building blocks shall be branded for identification and such brands shall be registered with the Superintendent. Ten full size blocks, not more than 36 days old shall be selected by the Superintendent from the stock of average quality at the factory or at a building for test, and such samples shall be tested as required in section 48.

4. The compressive strength of hollow building blocks shall in all cases be calculated upon the gross area of the bedding faces, no account being taken of the cellular spaces. The average ultimate compressive strength for terra cotta blocks laid with cells vertical shall be not less than 1,500 pounds per square inch, for concrete blocks laid with cells vertical not less than 1,000 pounds per square inch, and for terra cotta or concrete blocks laid with cells horizontal not less than 500 pounds per square inch.

The allowable working stress of hollow building blocks when laid on end and with cells vertical and all shells and webs in compression shall be 1/15 of the average ultimate compressive strength of the ten blocks submitted for test, but such allowable working stress shall in no case exceed 100 pounds per square inch of gross area for terra cotta blocks or 75 pounds of gross area for concrete blocks.

When such blocks are laid on side, with cells horizontal, the allowable working stress shall not exceed 50 pounds per square inch of gross area. Walls of hollow building blocks filled solid with Portland cement mortar or concrete shall have an allowable working stress of 200 pounds per square inch of gross area when of terra cotta and 100 pounds per square inch of gross area when of concrete; the concrete fill shall be mixed wet and shall consist of one part Portland cement to six parts of aggregate (fine and coarse) graded to secure maximum density.

5. The absorption of hollow building blocks used for bearing, curtain enclosure or non-bearing walls determined by taking the average test of ten blocks, shall not exceed ten per cent. in forty-eight hours for any make of block and shall not exceed twelve per cent. in any case.

6. If walls are built of blocks, with cells vertical and contain band courses of blocks with cells horizontal, the allowable working stress shall not exceed fifty pounds per square inch of gross area.

7. Hollow terra cotta blocks in exterior walls shall be either extra hard burned or be veneered with brick, architectural terra cotta, or stone, securely bonded and set as provided in Section 88 (8) and Section 91, or the blocks shall be covered on the exposed surface with at least three-quarters of an inch of Portland cement stucco; such blocks shall be well scored, grooved or roughened to retain the coating.

8. When hollow block walls are decreased in thickness; the blocks in the top course of the thicker wall shall be filled solidly with concrete or such top course may be covered with slabs of hard burned terra cotta or concrete at least one inch in thickness. Terra cotta or concrete slabs or templates of approved size and thickness shall be placed under all floor beams and girders as bearing plates in order that the allowable working stresses shall not exceed the requirements of this section.

9. Hollow blocks when used to form lintels, which are not keyed arches, shall be reinforced with steel rods and be filled solidly with concrete. Such lintels shall be designed in accordance with the unit stresses and other requirements for reinforced concrete as required in Section 108.

10. Outside the fire limits the construction of hollow block walls shall conform to all the requirements of this section except that the following reduced thicknesses of walls will be permitted provided the working stress does not exceed the allowable limits. Eight inches for a one or two-story and attic building; ten inches for the first and eight inches for the second and third stories in a three-story building. Twelve inches for the first story, ten inches for the second and eight inches for the third and fourth stories in a four-story building.

#### Section 57.

##### Concrete.

1. Concrete mixture shall be as required in Section 62 and Section 108. For footings, Portland cement concrete only shall be used.

2. Broken stone shall be granite, trap rock or other hard durable stone as approved by the Superintendent. Where gravel is used it shall be thoroughly washed.

3. Where mass concrete is used for footings, the stone or gravel shall be of such size as will pass through a two-inch ring and when used for walls shall be of such size as will pass through a one-inch ring; all stone or gravel shall be free from dust or other deleterious material.

4. All concrete shall be well mixed wet, and shall be placed in forms immediately after mixing, and well tamped. No concrete shall be used after initial set has begun.

5. All forms and centering shall be built plumb and to true lines in a substantial manner, and the joints sufficiently tight to prevent the leakage of the cement mortar. They shall be properly supported and braced as to safely sustain both the dead load and the load that may be placed upon them during construction.

6. Joints formed between portions of concrete placed at different times shall be made in a manner not to injure the completed structure. Whenever fresh concrete joins concrete which has set or partially set, the surface of the old concrete shall be roughened, cleaned and thoroughly wet.

7. No materials containing frost or that are frozen shall be used. Precaution shall be taken to prevent the concrete from freezing. After it has been placed in position the temperature of the concrete shall be maintained by artificial means if necessary at not less than 32 degrees F. until the concrete has its initial set.

#### Section 58.

##### Timber.

All timbers and wood beams used in buildings shall be of good, sound material, free from rot, large and loose knots, shakes, or any imperfection whereby the strength may be impaired.

#### Section 59.

##### Structural Steel and Iron.

1. Rivet steel shall have an ultimate strength of forty-six thousand to fifty-four thousand pounds per square inch, an elastic limit of not less than fifty per cent. of the ultimate strength, an elongation of not less than 28 per cent. in eight inches, and a reduction of area of not less than 50 per cent. A rivet rod shall be capable of being bent and cold hammered down on itself without fracture.

2. All other structural steel shall show an ultimate strength of fifty-five thousand to sixty-five thousand pounds per square inch, and an elastic limit of not less

than fifty per cent. of the ultimate strength, an elongation of not less than twenty-two per cent in eight inches, and a reduction of area not less than forty per cent.

3. No second-hand rolled or cast shapes shall be used in any building or structure without the written permission of the Superintendent.

4. Steel castings shall be made from open hearth steel, and shall be practically free from blow-holes with a reasonably clear skin and sharpness to pattern. The steel shall not contain over eight-hundredths of one per cent. of phosphorus. Steel castings shall be tested for strength and ductility from runners cast with the pieces and annealed with the castings. Such runners shall be turned down to not less than one-half square inch cross section for a length of about two inches, and show an ultimate tensile strength of 60,000 to 70,000 pounds per square inch, a yield point of not less than fifty per cent. of the ultimate, and an elongation of twenty per cent. in two inches. They shall bend cold at right angles on a round corner to a radius of the diameter of the test piece. All steel castings shall be annealed twenty-four hours in a suitable annealing oven.

5. Cast iron shall be of good foundry mixture producing a clean, tough, gray iron. Sample bars five feet long, one inch square, cast in sand moulds, placed on supports four feet six inches apart shall bear a central load of four hundred and fifty pounds before breaking. Castings shall be free from serious blowholes, cinder spots, and cold shuts. Their ultimate tensile strength shall be not less than sixteen thousand pounds per square inch when tested in small specimens.

## Section 60.

## Weights of Materials.

The weights of various materials shall be assumed to be as follows:

	Pounds Per Cubic Foot.
Pressed brick work.....	130
Common brickwork.....	115
Concrete-cinder, used for floor arches or slabs.....	96
Concrete-cinder, used for filling over fire-proof floors.....	60
Concrete-stone.....	144
Granite, bluestone and marble.....	170
Limestone.....	160
Sandstone.....	145
Oak.....	50
Spruce, fir and hemlock.....	30
White pine.....	25
Yellow pine, longleaf.....	45
Yellow pine, shortleaf.....	35
Maple.....	43
Birch.....	40
Cypress.....	28

## Section 61.

## Computations of Strength.

1. The required dimensions of each piece of material and of each form of construction to be used in buildings, shall be computed as required in the various sections of this code.

2. Factors of Safety.—Where the unit stress for any material is not prescribed in this code, the relation of allowable unit stress to ultimate strength shall be determined by the Superintendent.

3. Temporary Supports.—Every temporary support placed within any building or structure or any part thereof during erection, alteration, demolition or repair shall be of sufficient strength to safely carry the load to be placed thereon.

## Section 62.

## Working Stresses.

The safe carrying capacity of the various materials of construction, when not otherwise specified, shall be determined by the following working stresses in pounds per square inch of sectional area:

Steel and Iron.  
Compression in Short Blocks.

	Pounds Per Square Inch.
Roller steel.....	16,000
Cast steel.....	16,000
Cast iron.....	16,000
Steel pins, shop and power driven field rivets (bearing).....	20,000
Steel field rivets (driven by hand) (bearing).....	16,000
Steel field bolts (bearing).....	12,000

## Tension.

	Pounds Per Square Inch.
Roller steel.....	16,000
Cast steel.....	16,000
Cast iron.....	2,500

## Shear.

	Pounds Per Square Inch.
Steel web plates.....	10,000
Steel shop and power driven field rivets and pins.....	10,000
Steel field rivets (driven by hand).....	8,000
Steel field bolts.....	7,000
Cast steel.....	9,000
Cast iron.....	2,000

## Extreme Fibre Stress.

	Pounds Per Square Inch.
Roller steel beams and riveted steel beams.....	16,000
Roller steel pins, rivets and bolts.....	20,000
Cast iron compression side.....	16,000
Cast iron tension side.....	2,500

Concrete and Masonry.  
Compression.

	Pounds Per Square Inch.
Grout, Portland cement, neat.....	1,000
Grout, Portland cement, neat between steel in foundations not over ½ inch.....	1,500
Concrete, Portland cement, 1; sand, 2; stone, 4.....	500
Concrete, Portland cement, 1; sand, 2½; stone 5.....	400
Concrete, natural cement, 1; sand, 2; stone 4.....	125
Concrete, natural cement, 1; sand, 2½; stone 5.....	80
Brick work in Portland cement mortar.....	250
Brick work in natural cement mortar.....	208
Brick work in lime and portland cement mortar.....	208
Brick work in lime mortar.....	110
Hollow tiles in Portland cement mortar, per square inch of gross area (see also section 56-(4)).....	100
Hollow concrete blocks in Portland cement mortar per square inch of gross area (see also section 56-(4)).....	75
Rubble stone work in Portland cement mortar.....	140
Cut stone masonry other than sandstone in Portland cement mortar.....	600
Sandstone masonry in Portland cement mortar.....	300
Granites, according to test.....	1,000-2,400
Greenwich stone.....	1,200
Gneiss.....	1,000
Limestones, according to test.....	700-2,300
Marbles, according to test.....	600-1,200
Sandstones, according to test.....	400-1,600
Bluestones, North River.....	2,000
Slate.....	1,000

## Shear.

	Pounds Per Square Inch.
Shearing stress in Portland cement concrete.....	40

Timber.  
Compression.

	With Grain.	Across Grain.
Oak.....	1,400	500
Yellow pine, longleaf.....	1,600	325
Yellow pine, shortleaf N. C. pine, Douglas fir, white pine, spruce and fir.....	1,000	250

## Shear.

	With Grain.	Across Grain.
Oak.....	100	300
Yellow pine, longleaf.....	70	300
Yellow pine, shortleaf, N. C. pine, Douglas fir.....	50	200
White pine, spruce and fir.....	50	200

## Extreme Fibre Stress.

Yellow pine, longleaf.....	1,600
Yellow pine, shortleaf, or North Carolina pine.....	1,250
Spruce.....	1,250
Oak and Douglas fir.....	1,400
Hemlock.....	800

## Section 63.

## Working Stresses for Columns.

The working stresses per square inch for all cast iron, steel or wood columns having flat ends shall not exceed those given in the following tables:

Working Stresses Per Square Inch of Section.		
	L 11,300—30 R Cast Iron.	L 15,200—58 R Steel.
When the Length Divided by Least Radius of Gyration Equals—		
120.....	.....	8,240
110.....	.....	8,820
100.....	.....	9,400
90.....	.....	9,980
80.....	.....	10,560
70.....	9,200	11,140
60.....	9,500	11,720
50.....	9,800	12,300
40.....	10,100	12,880
30.....	10,400	13,460
20.....	10,700	14,040
10.....	11,000	14,620

L equals length in inches. R equals least radius of gyration in inches.

Working Stresses Per Square Inch of Section.			
	Long Leaf Yellow Pine. L 1,000—18— D	Spruce, Fir. L 800—15— D	Oak. L 900—17— D
When the Length Divided by the Least Side or Diameter Equals—			
30.....	460	350	390
25.....	550	425	475
20.....	640	500	560
15.....	730	575	645
12.....	784	620	696
10.....	820	650	730

L equals length in inches. D equals least side in inches. For shortleaf yellow pine use three-fourths the values given for longleaf yellow pine.

Columns and compression members shall not be used having an unsupported length of greater ratios than those given in the foregoing tables.

## Section 64.

## Columns Eccentrically Loaded.

The stresses of every column which is eccentrically loaded shall be computed. The sum of the stresses due to the eccentricity added to all other stresses shall in no case exceed the working stresses stated in this Code.

## Section 65.

## Cast Iron Columns.

1. All cast iron columns shall be of good workmanship and material. The thickness of metal shall not be less than one-twelfth of the greatest lateral dimension or cross-section nor less than one inch.

2. Cast iron columns shall not have a smaller outside diameter or side than six inches, nor shall they have an unsupported length of more than twenty times their least lateral dimension or diameter.

3. All columns shall be machine faced at the ends to a true surface perpendicular to the axis, and have a full bearing on columns or masonry below.

4. Where square or rectangular cast iron columns are placed one on top of another, the top flange shall project where bolts occur not less than three inches from the outer surfaces of the columns and the shape and dimensions of the bottom flange of the column immediately above shall be the same as those of the top flange of the column below. If the column is round or polygonal, the top flange shall project not less than three inches at its least projection from the outer surface of the column and the bottom flange of the column immediately above the same shall be of the same shape and dimensions as the top flange of the column below. In case the column is placed on the lot line, the flanges on that side only may be omitted, if approved by the Superintendent.

5. Columns shall be bolted together with at least four bolts not less than three-quarters of an inch in diameter passing through the flanges, the bolts being of sufficient length to allow the nuts to be screwed up tightly, and as each column is placed in position, the bolts shall also be placed in position and the nuts shall be screwed up tightly.

6. If the core of a column below a joint is larger than the core of the column above, the core of the lower column shall be tapered up for a distance not less than six inches, to the size of the core of the column above.

7. Whenever the core of a cast iron column has shifted more than one-fourth of the thickness of the shell or other imperfections reduce the area of cross-section, the strength shall be computed assuming the thickness of metal all around equal to the thinnest part, and the column shall be condemned if this computation shows the strength to be less than required by this code.

8. Cast iron posts or columns cast solid on all sides shall have three three-eighth inch holes drilled in the shaft to exhibit the thickness of the castings. Additional holes shall be drilled when required by the Superintendent.

9. Cast iron columns shall not be used in any case where the load is so eccentric as to cause tension in the cast iron.

10. Cast iron columns shall not be used in the structural frame of buildings whose height exceeds 4 times the least width of the base.

11. All holes in cast iron columns shall be drilled; no cored or cored and reamed holes shall be permitted. The diameter of holes shall not exceed that of the bolts by more than one-sixteenth of an inch, excepting in lugs which sustain no load, where the holes shall have a clearance not exceeding one-eighth of an inch.

12. Cast iron columns shall not be filled with any material.

## Section 66.

*Cast Iron Lintels.*

1. Cast iron lintels shall be not less than three-fourths of an inch in thickness at any point, and shall not be used for spans exceeding six feet.

## Section 67.

*Rolled Steel Columns.*

1. No part of a rolled steel column shall be less than five-sixteenths of an inch thick.
2. No rolled steel column shall have an unsupported length of more than forty times its least lateral dimension or diameter.
3. The ends of all columns shall be faced to a plane surface at right angles to the axis of the columns. Wherever practicable the connections between them shall be made with splice plates. When the sections of the columns to be spliced are such that splice plates cannot be used, a connection formed of plates and angles designed to properly distribute the stress may be used.
4. No rolled steel column shall contain material (whether in the body of the column or used as lattice-bar or stay-plate) of less thickness than one thirty-second of its unsupported width measured between centres of rivets transversely or one-sixteenth the distance between centres of rivets in the direction of the stress.
5. Stay-plates are to have not less than four rivets, and are to be spaced so that the ratio of length to the least radius of gyration of the parts connected shall not exceed forty; the distance between nearest rivets of two stay-plates shall in this case be considered as length.
6. Where any part of the section of a column projects beyond that of the column above, the differences shall be made up by filling plates secured to the column by the proper number of rivets.
7. All column connections and all connections within three feet of the centre of columns shall be riveted.

## Section 68.

*Steel Girders.*

1. All girder connections to steel columns shall be riveted.
2. The compression flange of plate girders shall be secured against buckling, if its length exceeds thirty times its width or the allowed unit, stresses in the top flange shall be reduced by the column formulae as given in Section 63.
3. Stiffeners shall be provided over supports and under concentrated loads; they shall be of sufficient strength, as a column, to carry the loads, and shall be connected with a sufficient number of rivets to transmit the stresses to the web plate. Stiffeners shall fit so as to support the flanges of the girders. Intermediate stiffeners shall be provided where necessary.
4. When rolled steel beams are used in pairs to form girders they shall be connected together with bolts and iron or steel separators at intervals of not more than five feet.
5. All beams twelve inches and over in depth shall have at least two bolts to each separator.

## Section 69.

*Steel Floor and Roof Beams.*

1. The beams of floors and roofs shall be so designed as to spacing and length that the load to be supported by them, together with the weight of materials composing the floor or roof, shall not cause in any beam a greater deflection under the total load than one-thirtieth of an inch per foot of span.
2. Beams supported by girders shall be riveted or securely bolted to the same.
3. Every beam, lintel or girder supported by a wall shall be properly anchored thereto and shall rest upon a steel, iron or stone plate so designed as to properly distribute the load over the masonry, excepting that for beams not exceeding six inches in depth, placed not more than thirty inches on centres, no plates shall be required. Stone plates when used shall be not less than four inches thick.
4. Tie rods three-fourths inches in diameter, placed as near the thrust of the arch as practicable shall be provided for all steel floor and roof beams when necessary, the distance on centres shall not exceed eight times the depth of the beams, and in no case exceed eight feet on centres.

## Section 70.

*Framing and Connecting Structural Work.*

1. Steel girders, columns, beams, trusses and other steel work of floors and roofs shall be well and firmly connected together and to the walls.
2. All beams framed to other beams or girders shall be connected thereto either by angles or knees of a proper size and thickness, and have sufficient rivets or bolts in both legs of each connecting angle to transmit the entire load coming on the connection to the supporting beam or girder; or a seat sufficiently strong to carry the full load with a side angle or knee to hold the beam in place may be used.

## Section 71.

*Riveting of Structural Steel.*

1. The distance from center of a rivet hole to the edge of the material shall be not less than—
  - $\frac{3}{4}$  of an inch for  $\frac{1}{2}$ -inch rivets.
  - 1 inch for  $\frac{3}{8}$ -inch rivets.
  - $1\frac{1}{4}$  inches for  $\frac{1}{2}$ -inch rivets.
  - $1\frac{1}{2}$  inches for  $\frac{7}{8}$ -inch rivets.
  - $1\frac{3}{4}$  inches for 1-inch rivets.

Wherever possible the distance shall be equal to two diameters.

2. All shop rivets, wherever practicable, shall be machine driven. The pitch of rivets shall not be less than three diameters of the rivet, nor more than six inches. In the direction of the stress it shall not exceed sixteen times the least thickness of the outside member. At right angles to the stress it shall not exceed thirty-two times the least thickness of the outside member.

3. The rivets shall fill the holes completely; the heads shall be hemispherical and concentric with the axis of the rivet.

## Section 72.

*Bolting of Structural Steel.*

1. Where riveting is not required, connections may be made by bolts which shall be of wrought iron or mild steel, with United States standard threads. The threads shall be full and clean, the nut shall be truly concentric with the bolt, and the thread shall be of sufficient length to allow the nut to be screwed up tightly.
2. When bolts are used for suspenders, the working stresses shall be reduced for steel to nine thousand pounds per square inch of net area, and the load shall be transmitted into the head or nut by washers distributing the pressure evenly over the entire surface of the same.

## Section 73.

*Trusses.*

1. Trusses shall be so designed that the stresses in each member can be calculated.
2. All trusses shall be held rigidly in position by efficient systems of lateral and sway bracing, struts being spaced so that the maximum limit of length to least radius of gyration required in section 63 is not exceeded.

## Section 74.

*Riveted Steel Trusses.*

1. For tension members the actual net area only, after deducting the rivet holes one-eighth inch larger than the rivets, shall be considered as resisting the stress.
2. No bolts shall be used in the connection of riveted trusses excepting when riveting is impracticable, and then the holes shall be drilled and reamed and the bolts shall be turned and accurately fitted.

## Section 75.

*Pin-Connected Trusses.*

1. All compression members in pin-connected trusses shall be proportioned, using seventy-five per cent. of the permissible working stress for columns. The heads of all eye-bars shall be made by upsetting or forging. No weld shall be allowed in the body of the bar. Steel eye-bars shall be annealed. Bars shall be straight before boring.
2. All pin-holes shall be bored true and at right angles to the axis of the members, and must fit the pin within one-thirty-second of an inch. Eye and screw-ends shall be so proportioned that upon test to destruction fracture will take place in the body of the member. All pins shall be accurately turned.

## Section 76.

*Protection of Structural Work.*

1. All metal structural work shall be cleaned of all scale, dirt and rust and be given one coat of paint at the shop completely covering all exposed surfaces. After erection, all such work shall be painted at least one additional coat of a shade different from the first coat. The first coat of paint shall be made of pigments which

shall be chemically inert after application, and shall be mixed with linseed or other drying oil. The amount of volatile matter shall be sufficient for easy spreading, and shall not injure the film of the paint. The paint shall dry sufficiently hard within twenty-four hours so that it will not rub off or abrade easily. When the metal reaches the building, all abraded or injured portions shall be thoroughly recoated with the same material as the shop coat before the second coat is applied. The second coat of paint shall be such as shall not act as a solvent of the first coat and shall be mixed with a pigment which shall be inert after application, and the vehicle shall be one that will not saponify under the action of cement mortar.

2. Surfaces of riveted work which come in contact with each other shall be painted with two coats of paint before assembling.

3. Cast iron columns shall not be painted or covered until after inspection by the Superintendent.

4. All iron or steel used under water shall be imbedded in Portland cement concrete.

## Section 77.

*Wood Beams.*

1. Every wood beam shall be of sufficient strength to safely sustain, in addition to the live load, the total dead load, including partitions.
2. Wood beams entering a party or fire wall from opposite sides shall be separated by solid masonry as follows: (a) By at least 8 inches, if the ends of the beams are opposite each other; (b) by at least 6 inches, if the beams are staggered. Such separation may be obtained by corbeling the beams.
3. No wood floor or roof beam used in any building hereafter erected within the fire limits shall be less than three inches thick.
4. All wood trimmer and header beams when over four feet in length shall be hung in approved metal stirrups or hangers.
5. Every wood beam, except header and tail beams, shall have bearings of at least four inches.
6. The ends of all wood floor and roof beams, which rest on walls, shall be cut to a level of three inches in their depth.
7. Ends of a floor and roof beam shall not be supported on stud partitions, except in frame buildings.
8. All wood floor and roof beams shall be properly braced with cross bridging. The distance between bridging or between bridging and bearing shall not exceed eight feet.
9. All wood beams shall be trimmed away from flues and chimneys. The header shall be not less than three inches from the outside face of the chimney and the trimmers not less than twelve inches from the inside face of a flue. For smoke flues of boilers and furnaces where the brick work is required to be more than eight inches in thickness, the header and trimmers shall be not less than four inches from the outside of the brick work.
10. The header beam carrying the tail beams of a floor and supporting the trimmer arch in front of a fireplace shall be not less than twenty inches from the face of the chimney breast.

## Section 78.

*Anchor and Straps for Wood Beams and Girders.*

1. Each tier of beams shall be anchored to the walls at intervals of not more than six feet with steel or wrought iron anchors not less than  $1\frac{1}{4}$  inches by  $\frac{1}{4}$  inch, extending into the walls at least 8 inches with pins not less than  $\frac{5}{8}$  of an inch in diameter and 10 inches long, and fastened to the beams for a distance of 10 inches by three or more  $\frac{1}{4}$ -inch diameter nails.
2. Where the beams are supported by girders, the girders shall be anchored in an approved manner and fastened to each other by approved steel or wrought iron straps.
3. The ends of wood beams resting upon girders shall abut together, end to end or lapped and strapped by straps of steel or wrought iron, the same size and distance apart, and in the same beam, as the wall anchors, and shall be fastened in the same manner as the wall anchors.
4. Each tier of beams running parallel to enclosing walls shall have approved anchor strips dovetailed into the beams diagonally, crossing at least four beams.
5. Every pier shall be well anchored to the beams of each story with approved anchors.

## Section 79.

*Wood Columns, Posts and Timbers for Trusses.*

1. All timber columns and posts shall be squared at the ends perpendicular to their axis, and iron or steel cap plates and base plates shall be provided.
2. Where the cap plate of a wood column or post supports a wood girder, any column above shall bear directly on the metal cap and shall not rest on the girder.

## Section 80.

*Excavations.*

The person causing any excavation for a building or structure to be made shall have the same properly guarded and protected. Wherever necessary he shall at his own expense properly sheath-pile and erect masonry or steel construction or a sufficient retaining wall to permanently support the adjoining earth. Such retaining wall shall extend from full depth of excavation to the level of the adjoining earth and shall be properly coped.

## Section 81.

*Excavations Affecting Adjoining Property.*

1. Whenever an excavation is not intended to be or shall not be carried to a depth of more than ten feet below the curb level, as defined in section 3, the owner of every adjoining or contiguous wall, building or structure shall protect the same, so that they shall be and remain as safe as before such excavation was begun. Such owner shall be permitted to enter upon the premises where the excavation is being made when necessary for this purpose.
2. Whenever an excavation of either earth or rock for buildings or other purposes shall be intended to be or shall be carried to a depth of more than ten feet below the curb, as defined in section 3, the person causing such excavation to be made shall at all times from the commencement to the completion thereof, if afforded the necessary permission to enter upon the adjoining land, and not otherwise, at his own expense preserve any adjoining or contiguous wall, building or structure from injury, and support the same by proper foundations, or retaining walls, so that the said wall, building or structure shall be and remain practically as safe as before such excavation was commenced, whether the said adjoining or contiguous wall, building or structure are down more or less than 10 feet below or above the curb, and for this purpose such approved foundations or retaining walls may be built upon the property upon which the wall, building or structure is situated. If the necessary permission is not given to the person making such excavation, then it shall be the duty of the owner refusing to give such permission at his own expense to make the adjoining or contiguous wall, building or structure safe, and support the same by proper foundations, so that adjoining excavations may be made, and shall be permitted to enter upon the premises where such excavation is being made for that purpose when necessary.

## Section 82.

*Foundations Adjoining Party Walls.*

1. In case a party wall is intended to be used by the person causing an excavation to be made, and the footings and foundations of such party wall are in good condition and sufficient for the uses of both the existing building and the new one, then the person causing the excavation to be made shall, at his own expense, preserve such party wall from injury and support the same by proper means, so that such party wall shall be and remain as safe as before the excavation was begun.
2. In case the footings and foundations of any such party wall are not sufficient or not in good condition for the uses of both the existing building and the new one, it shall be the duty of the person causing such excavation to be made to extend such insufficient footing or foundation, or to replace same with a new footing or foundation. Such new or extended footing shall project on each side of the party line such a distance as to bring the centre of the footing under the centre of the wall, so that the total load upon the wall shall be uniformly distributed over the area of the footing. Other approved methods may be used which will adequately support the party wall. In order to carry out the requirements of this section, the person causing the excavation to be made shall be allowed access to the adjoining premises.
3. Where the removal of any existing building or excavation made shows any wall, building, or structure to be unsafe at the time such work is begun, it shall be the duty of the person doing such work to forthwith report the fact in writing to the Superintendent, who shall, upon the receipt of such notice, forthwith cause an inspection of such premises to be made, and if such inspection proves such wall, building

or structure to be unsafe, it shall be the duty of the Superintendent, in accordance with the provisions of sections 5 and 129, to declare such wall, building or structure unsafe and cause the same to be repaired or removed as therein provided.

4. If the person whose duty it shall be to preserve or protect from injury any wall, building or structure shall neglect or fail so to do within twenty-four hours after the receipt of a notice from the Superintendent, the Superintendent may enter upon the premises and employ such labor and furnish such materials and take such steps as, in his judgment, may be necessary to make the premises safe and secure, or to prevent the same from becoming unsafe or dangerous, at the cost and expense of the person whose duty it is to keep the same safe and secure. Payment of such expenses shall be collected in the manner set forth in section 129.

5. Whenever permission is given to enter upon any dwelling for the purpose of doing the work set forth in paragraph 2 of this section and paragraph 2 of section 81, between the 15th day of December and the 15th day of March, the person doing the work shall adequately protect and cover all temporary openings and protect the premises from the weather.

#### Section 83.

##### Bearing Capacity of Soil.

1. Applications filed in the Bureau of Buildings shall contain a statement of the character of the soil at the level of the footings. When doubt arises as to the safe sustaining quality of the soil upon which a building or structure is to be erected, the Superintendent may order borings to be made, or he may order tests of the sustaining quality of the soil at the expense of the owner of the proposed building or structure. Such test shall be made in accordance with specifications established by the Superintendent. The Superintendent shall be notified before any test is made, and shall be present or represented thereat. The records of such borings or tests shall be filed in the Bureau of Buildings.

2. In the absence of an actual test of the sustaining quality of the soil to the satisfaction of the Superintendent the area of the bearing footing shall be so proportioned that the load per square foot upon the respective characters of soil shall not exceed those set forth in the following table:

Soil Under Footings.	Load in Tons.
Soft clay .....	1
Firm clay or fine sand or mixtures or layers of sand and clay, wet.....	2
Fine dry sand.....	3
Coarse sand gravel, or sand and gravel.....	4
Hardpan, not to exceed.....	15

#### Section 84.

##### Foundations.

1. Every building or structure except those erected upon solid rock, or upon walls or piers on the water-front, shall have foundations of brick, stone, concrete, reinforced concrete, steel, iron, piles or posts of wood or concrete. When the building is erected upon soil other than rock the foundations shall extend not less than four feet below the surface.

2. Foundation walls shall be of masonry or steel protected by masonry. If of rubble stone they shall be at least twenty inches thick, and for a depth of twelve feet below the curb level, at least eight inches thicker than the wall which rests upon them. Such foundation walls shall not be used to support walls over seventy-five feet in height. Foundation walls of brick or concrete shall be at least four inches thicker than the wall which rests upon them for a depth of twelve feet below the curb level, excepting that ten-inch walls of hollow blocks may rest on twelve-inch foundation walls for a depth of 12 feet. For every additional ten feet increase of depth, or fraction thereof, foundation walls of rubble shall be increased eight inches in thickness, such walls when of brick, concrete or hollow blocks shall be increased four inches for every additional ten feet increase of depth or fraction thereof.

3. Portland cement mortar only shall be used in the construction of the footing and foundations of all buildings.

4. Hollow blocks may be used for the foundation walls of buildings not exceeding four stories, or 52 feet, in height, provided such walls are not less than the thickness required for walls of brick or concrete, and provided the upper walls are built of hollow blocks or frame construction. All such blocks shall be laid to line and level and carefully bonded, they shall be filled solidly with wet concrete of a mixture not poorer than one part Portland cement to six parts of aggregate (fine and coarse) grade to secure maximum density. Not more than three courses of blocks shall be laid before filling is done, and filling shall be carried from top of footing to grade. Such foundations shall be not stressed beyond the limits allowed in section 56, taken over combined area of blocks and fill.

#### Section 85.

##### Piers Carried to Rock or Hard Pan.

1. When foundations are carried down to rock or hard pan by piers of stone, brick or concrete in caissons, the load that the piers may carry shall be determined by the safe unit stresses allowed by this Code on the respective materials, and by the safe carrying capacity of the soil on which the piers rest.

2. No allowance shall be made for steel imbedded in the piers. No timber of any kind shall remain in the permanent masonry.

#### Section 86.

##### Footings.

1. Foundation walls shall rest upon footings of steel grillages, concrete, reinforced concrete construction or piles. Wood footings may be used if they are entirely below the level of mean low tide-water.

2. Footings shall be so designed that the loads they sustain per unit of area shall be as nearly uniform as possible, and the stresses shall conform to the requirements of this code. The dead loads carried by the footings shall include the actual weight of the superstructure and foundations down to the bottom of the footing. All tanks or other receptacles for liquid shall be figured as being full of liquid. All vaults or similar built-in structures shall be considered parts of the building.

3. The live load on foundations shall be assumed to be the same as the live load in the lowest tier of columns, piers or walls as required in section 45.

4. The area of the footing which has the largest percentage of live load to total load shall be determined by dividing the total load by the unit working stress, as required in section 83. From the area thus calculated all the other footings of the building shall be proportioned according to the ratios of their respective dead loads only. In no case shall the load per square foot under any portion of any footing due to the combined dead, live and wind loads, exceed the safe sustaining power of the soil upon which the footing rests.

5. Concrete footings shall be not less than twelve inches thick, except as provided in section 115. Stepped-up courses of brick shall have offsets of not more than one inch if laid in single courses, and two inches if laid in double courses.

6. If the nature of the soil and the character of the building or structure are such as to make it necessary or advisable, isolated piers may be used instead of a continuous wall.

7. Where necessary, suitable grillage beams of steel, resting upon a bed of concrete, may be used. Such beams shall be fastened by bolts and separators and the grillage filled solid with and imbedded in concrete. All metal which forms parts of any footing or foundation shall be thoroughly protected from corrosion by waterproofed concrete, as required by the Superintendent.

#### Section 87.

##### Wood and Concrete Piles.

##### Wood Piles.

1. Wood piles shall be of approved timber. They shall be sound and straight. The diameter at the butt shall be not less than ten inches, and the diameter at the point shall be not less than six inches. Piles over twenty-five feet in length shall be not less than twelve inches at the butt. The minimum distance in the clear between piles shall be not less than twelve inches.

2. Piles shall be driven to refusal if possible, and the method of driving shall be such as not to impair their strength. The maximum load carried by any pile shall not exceed 16 tons, or 450 pounds per square inch, of its average cross-section. Piles driven in firm soil to rock may be loaded to the above limits. Piles driven through loose wet soil to rock or hard pan shall be figured as columns unless the load be determined by test.

3. The safe sustaining power of a pile not driven to refusal, which shall in no

case exceed ten tons, shall be determined by calculation based upon the following formula:

$$L = \frac{2WH}{P+1}$$

—in which L is the allowable load in tons (maximum ten tons); W, the weight of the hammer in tons; H, the fall of the hammer in feet; P, the average penetration in inches under the last five blows after the pile has been driven to a point where successive blows produce approximately equal penetrations.

4. The Superintendent shall be notified before any test is made of the sustaining power of piles, and shall be present or represented. When doubt arises as to the safe sustaining power of piles, the Superintendent shall order test piles to be driven by and at the expense of the owner of the proposed building or structure. The record of such test shall be filed in the office of the Superintendent.

5. The minimum distance in the clear of all concrete piles shall be not less than twelve inches.

6. Piles shall be cut off below the level of mean low tide-water. Portland cement concrete shall be rammed into the interspaces between the heads of piles to a depth of not less than twelve inches, and laterally for a distance of not less than twelve inches on each side of the rows of piles.

7. Under frame buildings piles may be capped with timbers of sound hard wood, not less than six inches thick and properly joined together. The tops of all such timbers shall be below the level of mean low tide-water, except in frame buildings over tide-water or on soft meadow, or similar land, the piles may project above the water a sufficient distance to raise the building above high tide.

##### Concrete Piles.

Specification for the construction of concrete piles and their safe carrying capacity shall be as determined by the Superintendent.

#### Section 88.

##### Walls.

1. Buildings other than frame buildings shall be enclosed on all sides with independent or party walls of incombustible materials. This shall not preclude the construction of any story supported on piers entirely open to the outer air.

2. The masonry walls and piers of every building shall be properly and solidly bonded with joints filled with mortar. They shall be built to a line and carried up plumb and straight. The front, rear, side and party walls shall be bonded to each other in an approved manner.

3. All brick shall be thoroughly wet just previous to being laid, except in freezing weather, when they shall be thoroughly dry. No masonry of any description shall be built when the temperature is below twenty-eight degrees Fahrenheit on a rising temperature or thirty-two on a falling temperature at the point where the work is in progress. No frozen materials shall be built upon.

4. No wall or any building or structure shall be built up more than two stories in advance of any other portions of the walls of the building or structure, but this provision shall not apply to buildings where walls are carried independently by girders at each floor. Where not built at the same time the perpendicular joint shall be made with a proper bond of four-inch offsets, and the joint is to be provided with anchors not less than two-inch by three-eighths inch metal, with bent up ends or cross pins to form an anchorage; such anchors are to be not less than three feet long, extending at least eight inches into the front or rear wall, and spaced not more than three feet apart in height.

5. The walls and beams of every building during erection or alteration shall be strongly braced from the beams of each adjacent story, and when required shall also be braced from the outside until the building is enclosed.

6. In every brick wall every sixth course shall be a continuous heading course, except where walls are faced with brick in Flemish bond, in which case the headers of every third course shall be bonded into the backing. Where running bond is used it shall be bonded into the backing by cutting the course of the face brick and putting in a continuous row of headers behind the same. Where face brick is used of a different thickness from the brick used for backing, the courses of the exterior and interior brickwork shall be brought to a level bed at intervals of not more than sixteen inches in height of the face brick, and the face brick shall be properly tied to the backing by a full heading course of the face brick or other approved method.

7. Face brick shall be laid at the same time as the backing, and shall in no case be laid after the backing is in place.

8. When walls of hollow blocks, as required in section 56, are veneered with brick or architectural terra cotta, the facing shall either be bonded to the backing with a row of headers every sixteen inches or be attached to the backing with approved metal wall ties bedded in the mortar joints. Such ties shall be not spaced further apart, vertically, than one foot and horizontally more than two feet on centres. The veneering shall not be considered a part of the required thickness of the wall when metal ties are used.

9. No timber, except inside lintels, as described in section 102 and nailing blocks not over eight inches in length, shall be placed in any masonry wall.

#### Section 89.

##### Piers.

1. Every pier shall be built of squared stone, stone concrete, or sound, hard, well-burned brick. Stone or brick piers shall be laid in Portland cement mortar. Every exterior pier shall be securely anchored to the beams or girders at the level of each tier. The height of any isolated pier shall not be greater than ten times its least horizontal dimension.

2. Every stone or brick pier less than six square feet in cross-section, which supports a beam, girder, arch or column upon which a wall rests or a lintel spanning an opening over ten feet wide on which a wall rests, shall have built into it, at vertical intervals of not more than thirty inches, approved perforated steel, wrought or cast iron plates the same horizontal dimensions as the pier.

3. Where a pier is part of a wall, the cap and bond stones may be omitted.

#### Section 90.

##### Stone Walls.

1. Every stone wall shall have one header extending through the wall in every two feet in height and every three feet in length. All headers shall be good, flat stones not less than twelve inches wide and eight inches thick.

2. All stones shall be laid on their natural bed. No stone which does not bond or extend into the wall at least six inches shall be used. Stones shall be firmly bedded in mortar with all spaces and joints thoroughly filled.

3. Walls built of squared stone, with dressed level beds, shall have a thickness not less than that required for brick walls under similar conditions. Walls built of rubble stone shall have such increase of thickness over that specified for squared stone walls as may be required by the Superintendent. In no case shall the pressure per unit exceed the requirements of section 62.

#### Section 91.

##### Ashlar.

Stone or architectural terra cotta, or other approved material used for the facing of any building or structure, shall be not less than four inches thick. Such facing shall be anchored to the backing and except in enclosure walls for skeleton construction, the backing shall be of such thickness as to make the walls independent of facing, conform to the thickness required by this Code. In wall bearing construction where every alternate course is at least eight inches thick and bonded into the backing, the ashlar may be counted as part of the thickness of the wall. No wall faced with ashlar or terra cotta shall be less than twelve inches thick.

#### Section 92.

##### Mortar for Walls.

Foundations and footings shall be laid in Portland cement mortar only. All parapet walls, chimneys above roofs, and walls in buildings over seventy-five feet in height shall be laid in Portland cement mortar to which no lime has been added. Other brick walls may be laid in lime and cement, or cement mortar. Stone and hollow block walls shall be laid in Portland cement mortar. Brick walls in buildings under 36 feet 6 inches in height may be laid in lime mortar.

#### Section 93.

##### Wall Thickness.

1. The minimum thickness of all bearing walls shall be in accordance with the schedules below. In determining the thickness of walls, their height shall be measured to the nearest tier of beams or support whether this be a foundation, a beam or a girder.

## For Buildings of Classes A, B, E and F.

Height of Building.	Top Section.		Middle Section.		Bottom Section.	
	Thick.	Height.	Thick.	Height.	Thick.	Height.
75 feet to 100 feet.....	16 in.	25 ft.	20 in.	35 ft.	24 in.	40 ft.
60 feet to 75 feet.....	16 in.	50 ft.	....	....	20 in.	25 ft.
40 feet to 60 feet.....	12 in.	20 ft.	....	....	16 in.	40 ft.
40 feet or less.....	12 in.	throughout.	....	....	....	....

## For Buildings of Classes C and D.

Height of Building.	Top Section.		Middle Section.		Bottom Section.	
	Thick.	Height.	Thick.	Height.	Thick.	Height.
75 feet to 100 feet.....	12 in.	25 ft.	16 in.	35 ft.	20 in.	40 ft.
60 feet to 75 feet.....	12 in.	50 ft.	....	....	16 in.	25 ft.
50 feet to 60 feet.....	12 in.	50 ft.	....	....	16 in.	10 ft.
50 feet or less.....	12 in.	throughout except that in dwellings which are not more than thirty-six feet six inches in height, nor more than twenty feet in width, nor more than fifty-five feet in length, the side or party wall shall be not less than eight inches thick and the front and rear walls not less than twelve inches thick.	....	....	....	....

2. One-story buildings, or extensions to dwellings not exceeding a height of twenty feet may be built with eight-inch walls when the bearing walls are not more than twenty feet apart and their length does not exceed fifty-five feet.

3. When the height of any wall exceeds one hundred feet, it shall be increased in thickness in general accordance with the above schedules as shall be approved by the Superintendent.

4. When the clear span is greater than twenty-five feet in buildings of Classes A, B, E and F and greater than twenty-six feet in buildings of Classes C and D, the thickness of bearing walls shall be increased four inches over that set forth in the above schedules for every twelve and one-half feet or fraction thereof that the said span exceeds twenty-five feet, or in buildings of Classes C and D, twenty-six feet; or shall have in lieu of this increase of thickness, such piers or buttresses as the Superintendent may direct.

5. Every wall faced with brick laid in running bond shall be four inches thicker than specified in the foregoing schedules.

6. If the horizontal section through a bearing wall shows more than thirty per cent. area of flues and openings in a wall laid up in lime and cement mortar, or forty-five per cent. of area of flues and openings in a wall laid up in Portland cement mortar such wall shall be increased a thickness of four inches for every fifteen per cent. or fraction thereof for which the total area of flues and openings exceed thirty per cent. or forty-five per cent. The total area of openings and flues in a bearing wall shall not in any case exceed seventy per cent. In an eight-inch bearing wall piers between openings shall be at least two feet wide.

7. In all buildings, walls over one hundred and five feet in length shall be four inches thicker throughout than is required by this Code, unless they are properly braced by cross walls, piers, buttresses or other approved means.

8. The thickness of non-bearing walls may be four inches less than that of bearing walls, provided that no non-bearing wall (except as elsewhere permitted by this Code), is less than twelve inches thick.

9. Reinforced stone concrete walls of various heights shall be of thickness and construction required in section 108 and as approved by the Superintendent.

10. Masonry retaining walls shall be designed to resist the thrust which they support and at the bottom shall be not less in thickness than one-quarter the height of the wall, unless of reinforced stone concrete or arches of masonry between steel beams.

## Section 94.

## Enclosure Walls for Skeleton Structures.

In skeleton structures the enclosure walls shall be supported by girders at each story and be not less than twelve inches thick, laid in Portland cement mortar, and thoroughly anchored to the steel work. Such walls shall be of brick, stone, or stone concrete, or hollow tile as required in Sections 56 and 88.

## Section 95.

## Curtain Walls.

Curtain walls shall be laid in Portland cement mortar and shall be not less than twelve inches thick for the uppermost sixty feet thereof, or nearest tier of beams to that height, and increased four inches for every additional section of sixty feet or nearest tier of beams to that height. When such walls are used the foundations shall be so designed that the load from the columns and the load of the walls are carried together.

## Section 96.

## Fire Walls and Fire Division Partitions.

1. Fire Walls—A fire wall shall be built of brick or concrete at least twelve inches in thickness laid in Portland cement mortar. Every opening in such wall shall be protected on each side of the wall by an approved automatically closing fireproof door. No opening in any such wall shall exceed sixty square feet in area and no two openings in the same wall and at the same floor level shall be nearer than forty feet from the centre of one opening to the centre of the other. Fire walls shall be continuous from foundation to three feet above roof level and be coped. Fire walls, which serve also as fire division partitions, shall have an automatic fire door on one side of the wall and a self-closing fire door on the other side at every opening.

2. Fire Division Partitions—Fire division partitions shall comply with the requirements of this section, and such partitions shall be constructed as required in Section 22. In non-fireproof buildings or structures, fire division partitions, when required on any story, shall be continuous through all stories of the building and placed one above the other. Every opening in such wall shall be protected by approved self-closing fireproof doors. No two openings in the same wall, and at the same floor level shall be nearer than forty feet nor more than sixty feet from the centre of one opening to the centre of the other. Fire division partitions may be built without doorways if approved means of exterior horizontal exits are provided.

No openings other than doors required in this section shall be permitted in fire walls or fire division partitions.

## Section 97.

## Parapet Walls.

All exterior party or fire walls over twenty feet high, except where such walls are finished with cornices, gutters or crown moldings, shall have parapet walls. All such parapet walls shall be laid in cement mortar and shall be not less than twelve inches in thickness, and shall extend at least three feet above the roof at all points; except that on buildings of Classes C and D when not more than sixty feet in height, the parapets need not exceed eight inches in thickness, and their height above the roof may be two feet. All parapet walls shall be coped with some approved durable material.

## Section 98.

## Walls of Building Raised, Lowered or Altered.

1. Within the fire limits no brick building with eight inch walls shall be raised to provide a flat roof unless the addition to the exterior walls shall be of brick and the new roof covered with incombustible material as required in Section 32. The building when so altered shall not exceed thirty-six feet six inches in height.

## Section 99.

## Existing Walls.

1. Walls heretofore built for or used as party walls, the thickness of which was at the time of their erection in accordance with the requirements of the then existing laws, which are in good condition, but are not in accordance with the requirements of this code, may be used if approved by the Superintendent for the ordinary uses of party walls provided the height of the same be not increased.

2. Where an existing party wall is to be incorporated in a new building of skeleton or curtain wall construction the vertical extension of the existing party wall shall be supported entirely by columns and girders and not by the party wall below, except that such existing party wall, if written approval be given by the Superintendent, may be extended vertically to the height permitted by this code for its existing thickness.

3. Should it be desired to increase the height of other existing party or independent walls, which are less in thickness than required under this code, this shall be done by lining with brick work to form a combined thickness with the old wall of not less than four inches more than the thickness required for a new wall corresponding

with the total height of the wall when so increased in height. Such lining shall be supported on proper foundations and carried up to a height required by the Superintendent. All linings shall be at least eight inches in thickness, laid up in Portland cement mortar, bonded with four inch by sixteen inch brick toothing projecting four inches into the old wall at least every seven feet both horizontally and vertically and shall be thoroughly anchored to the old brick walls with suitable steel or wrought iron anchors, placed two feet apart and properly fastened or driven into the old walls in rows alternating vertically and horizontally with each other, the old walls being first cleaned of plaster or other coatings where any lining is to be built against the same. No wall shall be lined unless in good condition, and then not until written permission has been granted by the Superintendent.

## Section 100.

## Furred Walls, Hollow Walls, Studded-off Spaces, Fire Stops.

1. The inside four inches of all walls may be built of hard burned hollow brick, the dimensions of ordinary brick, properly tied and bonded into the walls. Terra Cotta, concrete tile or blocks used as lining or furring shall not be considered a part of the required thickness of any wall.

2. In all walls furred with wood or metal the masonry between the ends of wood beams shall project the thickness of the furring beyond the inner face of the wall for the full depth of the beams. In cases where floor beams are parallel to a wall furred with wood or metal, there shall be a space of not less than two and one-half inches between such wall and the nearest beam. This space shall be filled in solidly with brickwork, hollow tiles or concrete for the full depth of the floor beams. Where walls are studded off, the space between the inside face of the wall and the studding at the floor level shall be fire-stopped with approved fire-proof materials. The beams directly over the studded-off space shall be deafened with not less than six inches of such material, which shall be laid on boards cut in between the beams. The under side of such beams shall be protected by a covering of metal lath, approved plaster boards or other approved fire-proof material, and plastered to three-quarter inch grounds.

3. In all hollow walls the same net horizontal section of stone, brick or concrete shall be used as if they were solid. The parts of hollow walls shall be connected by proper ties of brick, stone, iron or other approved metal, placed not over twenty-four inches apart, horizontally and vertically. Metal ties shall have the ends bent at right angles and be not less than one inch wide by one-quarter inch thick, and shall extend into the wall on each side not less than four inches.

4. Where stud partitions rest directly over each other, and are not parallel with wood floor beams, they shall run down between the floor beams and rest on the top plate of the partition below, and shall have the studding filled in solid between the uprights, to the depth of the floor beams, with approved incombustible materials, excepting that in tenement houses such partitions shall be constructed as required in the Tenement House Laws.

## Section 101.

## Recesses and Chases in Walls.

Recesses for stairways or elevators may be provided within the required thicknesses of foundations or cellar walls; if reinforcement is provided where necessary to compensate for the diminished thickness of such walls, as approved by the Superintendent. The brick backing of recesses for alcoves and similar spaces shall be not less than eight inches thick.

No pipe chases shall be made in any wall more than one-third of its required thickness. No horizontal recess or chase which exceeds four feet in length shall be allowed in any wall. Chases shall not be permitted within the required area of any pier. Chases or recesses in walls built of hollow blocks shall not be formed by cutting of the blocks, or by other methods which would impair the strength of the wall.

## Section 102.

## Arches and Lintels.

Openings for doors and windows shall be provided with arches or lintels of sufficient strength, which shall have a bearing at each end of not less than five inches on the wall. On the inside of openings less than four feet, in walls of non-fireproof buildings in which lintels or arches may be less than the thickness of the wall to be supported, there may be timber lintels, which shall rest at each end not more than two inches on any wall, and be chamfered or cut to serve as centre for a rowlock or keyed arch. Bearing plates shall be provided for lintels resting on walls, where the span is more than six feet in width.

Tie rods shall be used in all masonry arches where necessary to resist thrust.

## Section 103.

## General Requirements for Fireproof Buildings.

1. The walls enclosing every building required to be fireproofed hereafter erected or altered shall be constructed as required in the various sections relating thereto. Wood shall not be permanently placed in such walls except as provided in this section. The floor and roof construction shall be as specified in sections 104, 105 or 108.

2. The space between floor arches or slabs and the floor finish shall be solidly filled with concrete, made of one part of Portland cement and not more than ten parts of cinders, crushed stone, gravel, slag, brick or tile. All concrete fill shall be well mixed, thoroughly wet, and tamped in place.

3. Enclosures for elevators, escalators, stairways, stairway halls, and other means of ingress and egress shall be as required in section 22. The stairs and staircase landings shall be as required in section 18.

4. No woodwork or other combustible material shall be used in the construction of any fireproof building, except that when the height does not exceed one hundred and fifty feet the floors, and their sleepers, grounds, bucks, nailing blocks, the doors and windows and their frames, the trim, casings and the interior finish, when filled solid at the back with fireproof material, may be of wood.

5. Wood treated with a process to make same fireproof may be used in buildings over 150 feet in height, provided such material shall be approved after test as may be required for fireproof doors. Such material shall be inspected, tested and marked as may be required by the Superintendent.

6. In fireproof buildings exceeding 150 feet in height, wood floors may be used, providing the sleepers, grounds and nailing strips are entirely imbedded in incombustible material, excepting that the floors in public halls shall be of incombustible material.

## Section 104.

## Fireproofing of Buildings.

1. The fireproofing of every building, or part thereof, hereafter erected, which is required to be of fireproof construction, shall be in accordance with the requirements of the various sections relating thereto.

2. Protection of Wall Columns—All columns which support steel girders, carrying enclosure walls, and all columns which are built into walls and support floors only, shall be protected against corrosion by a coating of Portland cement mortar at least one-fourth inch thick, and against fire by a casing of masonry, which shall be not less than eight inches in thickness on the outer surfaces, and not less than four inches on the inner surfaces, and be well bonded into the masonry of the enclosure walls.

3. Protection of Wall Girders—The exposed surfaces of wall girders shall have a casing of masonry not less than four inches in thickness on the outer surfaces securely tied and bonded, but the extreme outer edges of the flanges of beams, plates or angles connected to the beams may project to within two inches of the outside surface of the masonry casing. The inside surfaces of the girders shall be similarly covered with masonry, or, if projecting inside the walls, they shall be protected by concrete, terra cotta or other approved fireproof material.

4. Floor and Roof Construction—Fireproof construction between steel floor and roof beams, shall consist of segmental arches of brick, or of segmental or flat arches of hollow hard burned or semi-porous terra cotta, or of segmental arches or flat slabs of reinforced stone, gravel or cinder concrete, and these materials when used as required in this section shall be deemed fireproof and shall be approved as such. Other material or construction may be used for the purposes required in this section if approved as required in section 107.

5. All segmental arches shall have a rise of not less than three-fourths of an inch per foot of span. Steel tie-rods shall be provided as required in section 69. The spacing of floor or roof beams, in fireproof construction, shall not exceed eight feet on centres, except when the slabs between them are composed of stone or gravel concrete, as required in section 108.

6. Brick Arches—Segmental arches of brick shall have a thickness of not less than four inches for spans of five feet or less, and eight inches for spans exceeding five feet and not exceeding eight feet. Brick arches shall be composed of good, hard common or hollow brick, the brick to be laid to a line on the centres and properly and solidly bonded. Each longitudinal line of brick shall break joints with

the adjoining lines. The arches shall spring from suitably designed solid skewbacks made of the same materials as the arches, and be properly keyed. The brick shall be well wet before laying, and the joints filled solid with Portland cement mortar.

7. Terra Cotta Arches—Segmental arches of hollow, hard burned or semi-porous terra cotta, shall be of uniform density and hardness and shall have sufficient depth between the top and the bottom surface to carry the load to be imposed thereon without stressing the material beyond its safe working load. Such arches shall be laid in Portland cement mortar and shall be properly keyed and shall be not less than six inches in depth, with at least two cellular spaces in said depth. Where the live load does not exceed two hundred and fifty pounds per square foot of floor area, flat arches of hollow, hard burned or semi-porous terra cotta may be used. Such arches shall have a depth of not less than one and one-half inches for each foot of span between the beams, this not to include any portion of the depth of tile that projects below the underside of the beams. The total depth shall in no case be less than eight inches, and shall have not less than two cellular spaces in the vertical thickness of the arch. Such arches shall be laid in Portland cement mortar and be properly keyed. The shell of every arch block shall not be less than three-fourths of an inch in thickness, and every web shall be not less than five-eighths of an inch in thickness. Every arch block shall have at least two continuous vertical internal webs for each twelve inches in width. There shall be rounded fillets at all internal intersections. The skewbacks of hollow tile arches shall be of such form and section as to accurately fit the beams and properly receive the thrust of the arches, and shall have shells and web not less than three-quarters of an inch thick. Where the live load does not exceed one hundred and fifty pounds per square foot of floor area, end construction flat arches of hollow hard, burned tile or semi-porous terra cotta reinforced with reticulated mesh, cold drawn wire mesh, or steel rods or bars weighing not less than two-tenths pounds per square foot of floor area may be used. Such reinforcement shall be imbedded in Portland cement mortar between the blocks in a direction at right angles to the supporting beams, with the lower edge of the metal not less than one inch above the under side of the arch. Such arches shall have a depth of not less than six inches in spans up to six feet and eight inches in spans from six feet up to seven feet six inches.

8. Concrete Arches and Slabs—All segmental arches or flat slabs of cinder, stone and gravel concrete shall be not less than four inches thick and shall be constructed in accordance with the requirements of this section or of section 108. The reinforcing metal in segmental arches, or flat slabs shall be placed one inch above the bottom of the arch or slab at the centre of the span, and whether in the form of steel rods, bars, reticulated mesh or cold drawn wire mesh shall be as required in the following tables and shall be approved for the loads and spans given therein:

Table of Cinder Concrete Floor Construction.

- (a) Total thickness of slabs shall be 4 inches.  
(b) Weight of steel reinforcement per square foot of floor when bars, rods or reticulated mesh is used shall be as given in first line of table for each live load.  
(c) Size of longitudinal or tension wires when cold drawn steel wire mesh reinforcement is used shall be as given in second line of table for each live load. Maximum spacing of tension wires to be 4 inches.  
Steel wire sizes to be Washburn & Moen standard.

Live Load Per Square Foot of Floor Area.	Type of Reinforcement.	Span Between Steel Beams.		
		6'-0" or Less	6'-1" to 7'-0"	7'-1" to 8'-0"
100 lbs. and under.	Bars	.4 lb.	.5 lb.	.6 lb.
	Wire mesh	No. 7 wire	No. 6 wire	No. 5 wire
101 lbs. to 150 lbs.	Bars	.5 lb.	.6 lb.	.8 lb.
	Wire mesh	No. 6 wire	No. 5 wire	No. 4 wire
151 lbs. to 200 lbs.	Bars	.7 lb.	.9 lb.	1.1 lb.
	Wire mesh	No. 5 wire	No. 4 wire	No. 3 wire
201 lbs. to 250 lbs.	Bars	.8 lb.	1.0 lb.	1.2 lb.
	Wire mesh	No. 4 wire	No. 3 wire	No. 2 wire

Cold drawn expanded metal, having a maximum width of diamond not greater than 3 inches, made from steel not lighter than 13 gauge, Stubs, may be used as reinforcement for a 4-inch slab, for spans up to 6 feet, as follows: With a live load of not more than 175 pounds per square foot, .075 square inch per foot of width; with a live load of not more than 250 pounds per square foot, .125 square inch per foot of width; and for spans up to 8 feet, as follows: With a live load of not more than 90 pounds per square foot, .1 square inch per square foot of width; with a live load of not more than 120 pounds per square foot, .125 square inch per foot of width; and for a 5-inch slab, for spans up to 8 feet, with a live load of not more than 200 pounds per square foot, .1 square inch per foot of width.

All cinder, stone or gravel concrete floors, in the form of segmental arches, shall be not less than four inches thick at the crown of the arch. If the reinforcement is rods or bars, such rods or bars shall be not spaced more than twelve inches, centre to centre, and if the reinforcement is cold-drawn wire mesh, the longitudinal wires shall not be spaced more than four inches centre to centre. For live loads in excess of those given in the above tables, segmental arches shall be used, or flat arches or slabs, designed and constructed as required in Section 108. When reinforcement is of mesh fabric, or reticulated mesh, continuous over beams, and securely fastened at the ends, or when rods or bars are used properly secured to beams at intervals of not more than three feet, tie rods may be omitted.

9. Cinder concrete shall consist of not less than one part Portland cement, two parts sand and five parts of cinders, measured, well mixed, wetted and firmly tamped in place. The cinders shall be clean, well burned, steam boiler cinders, free from foreign matter.

10. Roof Slabs.—In every roof which has a pitch of more than 30 degrees and in which frames or purlins are spaced not more than 25 inches on centers, the space between these steel frames or purlins shall be filled with slabs of cinder, stone or gravel concrete, or hollow tiles of hard, burned or porous terra cotta not less than 3 inches thick. The lower faces of the steel frames or purlins shall be protected by not less than one inch of such fire-proof material.

11. Protection of Structural Members.—All metal structural members which support loads or resist stresses, and which are not required to be covered by brickwork to a minimum thickness of four inches or by stone masonry to a thickness of eight inches, shall be fireproofed in the following manner: The protection of columns shall be of concrete as defined for floors, filled solidly around the columns, or of brick laid in Portland cement mortar, filled in solidly with Portland cement mortar, or cinder or stone concrete, so as to leave no voids or spaces between the brick and the columns; or of porous terra cotta hollow blocks with shells and webs one inch in thickness. All blocks shall be accurately fitted, laid in Portland cement mortar, and the space between the blocks and the steel shall be filled in solidly with Portland cement mortar, or cinder or stone concrete. Galvanized wire, not smaller than number 12 gauge shall be securely wound around block column coverings so that every block is crossed at least once by the wire. In every case the column protection, whether of brick, concrete or terra cotta shall cover the columns at all points to a thickness of not less than three inches and be continuous from the base to the top of the column. The extreme outer edges of lugs, brackets and similar supporting metal, may project to within one inch of the outer surface of the protection.

12. Where the fireproofing of columns is exposed to damage from the trucking or handling of merchandise, such fireproofing shall be jacketed on the outside for a height of not less than three feet from the floor with approved metal or other approved covering.

13. No pipes, wires, cables or other material shall be incased within or embedded in the required fireproof protection of columns or other structural members.

14. The protection of the webs and bottom flanges of girders and all members of trusses shall be of concrete as defined for floors, brick, hollow tile, or porous terra cotta, and shall be not less than two inches thick at all points. The protection of the webs and bottom flanges of beams shall be not less than one and one-half inches thick

at any point. Lintels and other lesser structural members shall be protected as required by the Superintendent. If of hollow tile or porous terra cotta, the protection shall consist of lugs forming part of the skewbacks, and extending around the lower flange of the beam and meeting at the centre; or of tile slabs held in position by dovetailed lugs projecting from the skewbacks. All block protection shall be laid and jointed with Portland cement mortar. The fireproof protection of all structural members, if of concrete, shall be held in position by interior steel anchors hooked rigidly around the flanges or angles of the structural steel members, and spaced not over twelve inches apart. These anchors shall be made with hooked ends either from steel stock or steel wire not less than one-eighth inch in thickness, and shall extend to within one-half inch of the outside surface of the concrete.

15. Steel or iron columns, beams or girders, not elsewhere provided for, which support any wall or masonry, shall be fireproofed as described in this section.

#### Section 105.

##### Fireproofing, Miscellaneous Provisions.

1. All clipped or hung ceilings, false beams, cornices, transoms or other ornamental ceiling work, whether of plaster or metal, shall have a backing of steel furring rigidly clipped or bolted together and securely fastened to or suspended from the floor or roof beams and girders by means of clips or hangers of sufficient strength to support wet plaster without deflecting, and made from steel stock weighing not less than the following:

Clips	.5 lb. per lin. ft.
Hangers, direct or intermediate	.6 lb. per lin. ft.
Cross-furring bars	.5 lb. per lin. ft.
Main furring bars or runners	1.20 lb. per lin. ft.

2. For clipped ceilings the clips shall be punched, slotted or provided with square shoulders to support the cross-furring bars.

For hung ceilings, the hangers, main and cross-furring bars shall be bolted together, or the main furring bars may be punched, slotted or provided with square shoulders to support the cross-furring bars.

Cross-furring bars shall be spaced not over 16 inches on centres and each cross-furring bar shall support not more than six square feet of ceiling area between clips, shoulders or bolts, as specified in this section.

All intermediate hangers for supporting ceilings between beams shall be securely imbedded in the fireproofing and bolted to the runners, which shall be main furring bars and support the cross-furring bars, as called for in this section.

3. Furring for ornamental plaster work shall be bolted and made from steel stock weighing not less than .5 lb. per linear foot, spaced not more than 16 inches on centres.

4. All studding for metal lath partitions or wall furring shall be made from steel stock weighing not less than .5 lb. per linear foot. The furring shall be spaced not over 16 inches on centres, and bolted or clipped to top and bottom plates of same material and weight, securely fastened to floor or ceiling construction.

5. Bolts used for bolting furring shall not be less than 3/4-inch stove bolts. Wire shall be used only for lacing the metal lath to the furring, and shall be not smaller than No. 18 gauge annealed galvanized. All metal lath shall be of suitable mesh to retain and form a key for plaster, and if of woven wire the wire shall be not less than No. 20, Birmingham wire gauge, galvanized or painted, and if of sheet steel the sheet steel shall be not less than No. 24, U. S. standard gauge, galvanized or painted. All metal lath shall be laced or bolted to the supporting furring at intervals not exceeding six inches.

6. Temporary centering, when used in placing fireproofing, shall not be removed until such time as the cementing material or concrete has thoroughly set. After the floors are constructed no opening greater than two square feet shall be cut through such floors unless suitable metal framing or reinforcing is provided around the opening. After pipes or conduits are in place, all openings shall be filled in solidly with fireproof material, unless approved close-fitting individual sleeves are provided with space around sleeves filled solidly with incombustible material.

7. No defective or damaged fireproofing material shall be used. All fireproof construction injured or damaged after being erected shall be repaired to the satisfaction of the Superintendent before any filling or finish is placed over same.

#### Section 106.

##### Fireproof Partitions.

1. Partitions in fireproof buildings shall be supported at each floor on fireproof material and shall have sufficient bearing to carry the weight of said partitions. Partitions which enclose stairways, elevators, escalators or other floor openings or halls, or serve as fire division partitions, shall be extended up to the under side of the floor arches or floor beams above.

2. The height in feet to which non-bearing partitions or walls between lateral supports may be built, shall not exceed the following:

	Feet.
8 inches of brickwork	40
4 inches of brickwork	16
6 inches of reinforced stone concrete	30
4 inches of reinforced stone concrete	24
3 inches of reinforced stone concrete	20
6 inches of reinforced cinder concrete	24
4 inches of reinforced cinder concrete	18
6 inches of hollow blocks of terra cotta or concrete	24
4 inches of hollow blocks of terra cotta or concrete	20
3 inches of hollow blocks of terra cotta or concrete	18
4 inches of metal lath, studding and plaster	20
3 inches of metal lath, studding and plaster	18
2 inches of metal lath, studding and plaster (built solid)	16
4 inches of hollow gypsum plaster blocks	16
3 inches of hollow gypsum plaster blocks	14

These materials shall be deemed fireproof and shall be approved as such without further fire or water test, when constructed of such thicknesses and height as herein prescribed, or partitions may be constructed of other materials if approved by the Superintendent as required in Section 107.

3. All fireproof partitions shall be keyed, or otherwise securely fastened to the ceilings. All fireproof partitions shall be stiffened where necessary with buttresses or suitable steel uprights running from floor to ceiling and securely fastened thereto. Concrete used in partitions shall be as required in section 108. The thickness of shells and webs partition blocks shall be not less than five-eighths inch. All metal lath and studding shall be as required in Section 105. All bricks or blocks shall be laid with broken joints and with Portland cement mortar.

#### Section 107.

##### Tests of Fireproof Materials and Construction.

1. No methods of construction other than as required in sections 103, 104, 105, 106, or 108 shall be erected in any fireproof building until all the tests have been made in accordance with the method prescribed by the American Society for Testing Material, known as the Standard Tests for Fireproof Floor Constructions, adopted August 15, 1908, as follows:

The test structure may be located at any place convenient to the applicant, where all the necessary facilities for properly conducting the test are provided.

The test structure may be constructed of walls of any material not less than 12 inches thick, properly buttressed on all sides.

The floor construction to be tested shall form the roof of the test structure.

At a height of not less than 2 feet 6 inches, nor more than 3 feet, above the ground level, a metal grate, properly supported, shall be provided, covering the whole inside area of the building.

In the walls below the grate level draft openings shall be provided, as many as possible, furnishing openings with an aggregate area of not less than one square foot for every ten feet of grate surface. Means for temporary closing these openings shall be provided.

In the wall, immediately above the grate level, the firing door, 3 feet 6 inches by 5 feet high, must be provided in the side of the building at right angles to the floor beams. A second door must be added when the span of the floor slab under the test exceeds ten feet.

Flues shall be supplied at each of the corners, and oftener in case of a test structure exceeding 250 square feet of grate surface, with sufficient opening to insure a proper draft, securely supported and disposed at the sides of the structure in such manner as not to rest on the floor under test. In no case shall a flue area be less than 180 square inches.

The horizontal dimensions of the test structure will depend upon the number and the span of the systems under consideration. The clear span of the floor being

14 feet. The distance between floor beams, or span of slab, may be varied, according to the design of the system to be tested, and should be as near as possible to usual practice. The under side of the construction under test must be not less than 9 feet 6 inches, nor more than 10 feet, above the grate level. The construction to be tested should be designed for a working load of 150 pounds per square foot and no more. This load is to be uniformly distributed without arching effect, and is to be carried on the floor during the fire test.

The floor test may be tested as soon after construction as desired, but within forty days. Artificial drying will be allowed if desired.

No plastering shall be applied to the under side of the floor construction under test.

The floor shall be subjected for four hours to the continuous heat of a fire of an average temperature of not less than 1,700 degrees Fahrenheit. The fuel being either wood, gas, or oil, so introduced as to cause an even distribution of heat throughout the test structures.

The heat obtained shall be measured by means of standard pyrometers, under the direction of an experienced person. The type of pyrometer is immaterial so long as its accuracy is secured by proper standardization. The heat should be measured at not less than two points when the main floor span is not more than ten feet, and one additional point when it exceeds ten feet. Temperature readings at each point are to be taken every three minutes. The heat determination shall be made at points directly beneath the floor so as to secure a fair average.

At the end of the heat test the stream of water shall be directed against the under side of the floor, discharged through a one and one-eighth inch nozzle, under 60 pounds nozzle pressure, for ten minutes, the nozzle being held not more than three feet from the firing door during the application of the water.

After the floor has been sufficiently cooled the load on the same shall be increased to 600 pounds per square foot uniformly distributed.

The tests shall not be regarded as successful unless the following conditions are met: No fire or smoke shall pass through the floor during the fire test; the floor must safely sustain the loads prescribed; the permanent deflection must not exceed one-eighth inch for each foot of span in either span or beam.

2. The construction to be tested shall be constructed and the test made in the presence of the Superintendent, and an accurate record made of same, which shall be kept on file in the Bureau.

3. Any method and material successfully meeting the requirements of the test as herein described, shall then be subjected to the strength test for the floors as hereinafter described.

4. Strength test for floors shall be made upon a section of flooring not less than four feet wide, and with a span between steel beams equal to the span for which an approval is desired; this floor to be constructed as in actual practice with the same quality of material as previously tested for fire and water, and which is hereafter to be used in this system. This construction shall be tested by applying a uniformly distributed load over the entire area to be tested without arching effect until failure occurs, and in case sand or similar material is used for loading, it shall be in bulk or loose, and not in sacks or packages of any kind. Approval shall be granted for a live load per square foot of not greater than one-tenth of the total load per square foot, causing failure. Nothing in this section shall be construed as permitting the erection of fireproof floor or roof arches which are contrary to the minimum requirements of sections 103, 104, 105, 106 or 108.

5. Tests of Workmanship for Floor Construction—Whenever required by the Superintendent of Buildings, the owner or constructor, at his own expense, shall make load and other tests to be determined by the strength and efficiency of the fireproof construction in course of installation in any building. Floor arches shall in all cases develop in thirty days after erection a strength equal to four times the live load, they are designed to support without signs of failure. The loads shall consist of such materials and shall be so placed as to form a uniformly distributed load over the entire area to be tested without arching effect, and in case sand or similar material is used for loading it shall be in bulk or loose and not in sacks or packages of any kind. Test loads shall remain in place at least twenty-four hours. All floor construction which shows any signs of failing when tested, as herein described, shall be condemned by the Superintendent and shall be replaced by the owner or contractor with approved floors.

#### Test of Fireproof Partition Construction.

6. No material or methods of construction other than as required in section 106 shall be erected in any fireproof building until after tests have been made in accordance with the method prescribed by the American Society for Testing Materials, known as Standard Test for Fireproof partition construction, adopted August 16, 1909, as follows:

The test structure may be located at any place convenient to the applicant, where all the necessary facilities for properly conducting the tests are provided.

The test structure shall be of such design that the partition construction to be tested shall form at least one side of the structure. The other sides, roof and foundation, of the structure may be of any material and design that will withstand and confine the fire within the test structure for the required time.

At a height of not less than two feet six inches, nor more than three feet, above the ground level, a metal grate, properly supported, shall be provided, covering the whole inside area of the building.

In the walls below grate level draft openings shall be provided as many as possible, furnishing openings with an aggregate area of not less than one square foot for every ten square feet of grate surface. Means for temporarily closing these openings shall be provided.

Immediately above the grate level, in one of the end walls of the structure, a firing door 3 feet 6 inches wide by 5 feet high must be provided.

Flues shall be supplied at each of the corners, and more often for the test structure with more than 250 square feet of grate surface, with sufficient opening to insure a proper draught. In no case shall a flue area be less than 180 square inches.

The size of the test structure will depend on the area of the partition construction to be tested. In no case shall the partition construction under test be less than 9 feet 6 inches high, nor less than 14 feet 6 inches long. This entire area must be above the level of the grate bars, and, within such dimensions, must not be reinforced or braced in any manner other than is done as an inherent and essential part of the system part of construction. The edges may be supported in any manner fairly representing the conditions of support in good practice.

The width of the test structure at right angles to the partition under test shall not be less than nine feet.

The construction to be tested shall be subjected for two hours, in the case of partitions, as required in section 106, and three hours for partitions, as required in section 22, to the continuous heat of a fire, rising in temperature to 1,700 degrees Fahrenheit by the end of the first half hour, and maintained at an average temperature of 1,700 degrees Fahrenheit for the balance of the test; the fuel used being either wood, gas or oil, so introduced as to cause an even distribution of the heat throughout the test structure.

The temperature obtained shall be measured by means of standard pyrometers under the direction of an experienced person. The type of pyrometer is immaterial so long as its accuracy is secured by proper standardization. The temperature should be measured near the centre of the test structure about 6 inches below the roof or ceiling, and also at the centre of each partition under test about 7 feet above the grate level. In case the partition under test is more than 15 feet long, additional pyrometers shall be used symmetrically disposed and not more than 12 feet apart. Temperature readings at each point shall be taken every three minutes, and the average used as the controlling temperature.

At the end of the heat test a stream of water shall be directed against the construction under test, discharged through a 1½-inch nozzle, under 30 pounds nozzle pressure, for 2½ minutes, in the case of partitions as required in section 106, and for 5 minutes, for partitions as required in section 22, the nozzle being held within two feet of the firing door and the hose stream being played backward and forward over the entire surface of the partition under test.

The test shall not be regarded as successful unless the following conditions are met: No fire or smoke shall pass through the partition during the fire test; the partition must safely sustain the pressure of the hose stream; the partition must not warp or bulge, or disintegrate under the action of the fire or water to such an extent as to be unsafe.

7. The partition to be tested shall be constructed and the test made in the presence of the Superintendent, and an accurate record made of the same which shall be kept on file in the Bureau. Any fireproof partition successfully meeting the requirements of the test, shall be approved by the Superintendent.

8. Nothing in this section shall be construed as permitting the erection of a fireproof partition which is contrary to the minimum requirements of section 106.

#### Section 108.

##### Reinforced Concrete Construction.

1. The term "reinforced concrete" shall mean an approved concrete mixture reinforced by steel of any shape.

2. Reinforced concrete will be approved for all types of construction if the design conforms with good engineering practice and if stresses are figured in accordance with this section.

3. The concrete shall consist of a wet mixture of one part cement to not more than six parts of aggregate, fine and coarse, either in the proportion of one part of cement to two parts of sand and four parts of stone or gravel, or in such proportion that the resistance of the concrete to crushing shall not be less than 2,400 pounds per square inch after hardening for 28 days.

4. All cement used in reinforced concrete shall be Portland cement conforming to the requirements of section 53 and the sand shall meet the requirements of section 50.

5. Fine aggregates shall consist of sand, crushed stone or gravel screenings, passing when dry a screen having one-fourth inch diameter holes, and not more than 6 per cent. passing a sieve having 100 meshes per lineal inch. They shall be clean and free from vegetable loam or other deleterious matter, and shall be of such quality that mortars composed of one part Portland cement and three parts fine aggregate by weight, when made into briquettes will show a tensile strength of at least 240 pounds per square inch at 28 days.

6. Course aggregate shall consist of crushed stone or gravel which is retained on a screen having one-fourth inch diameter holes and graded in size from small to large particles. The maximum size shall be such that all the aggregate will pass through one inch diameter ring. The particles shall be clean, hard, durable and free from all deleterious material.

7. The steel used in reinforced concrete shall be rolled from new billets and conform to the "Standard Specifications for Steel Reinforcing bars" of the American Society for Testing Materials adopted June 1, 1912, or as they may be hereafter amended, as follows:

1. (a) There shall be three classes of steel reinforcing bars, namely: Plain, deformed and cold twisted.

(b) Plain and deformed bars are of two grades, namely: Structural steel and hard.

2. (a) The hard grade will be used only when specified.

(b) If desired, cold twisted bars may be purchased on the basis of tests of the hot rolled bars before twisting, in which case such tests shall govern and shall conform to the requirements specified for plain bars of structural steel grade.

##### 1. Manufacture.

3. (a) The steel may be made by the Bessemer or the open hearth process.

(b) Bars shall be rolled from new billets. No re-rolled material will be accepted.

4. Cold twisted bars shall be twisted cold with one complete twist in a length not over twelve times the thickness of the bar.

##### 2. Chemical Properties and Tests.

5. The steel shall conform to the following requirements as to chemical composition:

Phosphorous, Bessemer, not over..... 0.10%

Phosphorous, open-hearth, not over..... 0.05%

6. To determine whether the material conforms to the requirements specified in section 5, an analysis shall be made by the manufacturer from a test ingot taken during the pouring of each melt. A copy of this analysis shall be given to the purchaser or his representative.

7. A check analysis may be made by the purchaser from finished material representing each melt of open-hearth steel, and from each melt or lot of ten tons of Bessemer steel, in which case an excess of 25 per cent. above the requirements specified in section 5 shall be allowed.

##### 3. Physical Properties and Tests.

8. (a) The steel shall conform to the following requirements as to tensile properties:

##### Tensile Properties.

Properties Considered.	Plain Bars.		Deformed Bars.		Cold Twisted Bars.
	Structural Steel Grade.	Hard Grade.	Structural Steel Grade.	Hard Grade.	
Tensile strength, pounds per square inch....	55,000-70,000	80,000 min.	55,000-70,000	80,000 min.	Recorded only.
Yield point, minimum pounds per square inch....	33,000	50,000	33,000	50,000	55,000
Elongation in 8 inch, minimum per cent.....	1,400,000*	1,200,000*	1,250,000*	1,000,000*	5
	Tens. Str.	Tens. Str.	Tens. Str.	Tens. Str.	

\* See section 9.

(b) The yield point shall be determined by the drop of the beam of the testing machines.

9. (a) For plain and deformed bars over three-fourth inch in thickness or diameter, a deduction of 1 from the percentage of elongation specified in Section A shall be made for each increase of one-eighth inch in thickness or diameter above three-fourth inch.

(b) For plain and deformed bars under 7/16-inch in thickness or diameter, a deduction of 1 from the percentage of elongation specified in Section 8 shall be made for each decrease of 1/16-inch in thickness or diameter below 7/16-inch.

10. (a) The test specimen shall bend cold around a pin without fracture on the outside of the bent portion, as follows:

##### Bend Test Requirements.

Thickness or Diameter of Bar.	Plain Bars.		Deformed Bars.		Cold Twisted Bars.
	Structural Steel Grade.	Hard Grade.	Structural Steel Grade.	Hard Grade.	
Under ¾-inches....	180 deg. d-t	180 deg. d-3t	180 deg. d-t	180 deg. d-4t	180 deg. d-2t
Three-fourths inch or over .....	180 deg. d-t	90 deg. d-3t	90 deg. d-2t	90 deg. d-4t	180 deg. d-3t

Explanatory Note—d, the diameter of pin about which the specimen is bent. t, the thickness or diameter of the specimen.

(b) Bend tests may be made by pressure or by blows.

11. (a) Tension and bend test specimens for plain and deformed bars shall be taken from the finished bars, and shall be of the full thickness or diameter of material as rolled, except that the specimens for deformed bars may be planed or turned for a length of at least 9 inches if deemed necessary by the manufacturer to obtain uniform cross section.

(b) Tension and bend test specimen for cold twisted bars shall be taken from the finished bars without further treatment, except as provided for in section 2, (b).

12. (a) At least one tension and one bend test shall be made from each melt of open hearth steel, and from each melt or lot of ten tons of Bessemer steel. If material from one melt differs ¾ inch or more in thickness or diameter, tests shall be made from both the thickest and the thinnest material rolled.

(b) If any test specimen develops flaws, or if tension test breaks outside the middle third of the gauge length it may be discarded and another specimen substituted.

13. If the results of the tension tests do not conform to the requirements specified in section 8, a retest may be made.

## 4. Permissible Variations in Weight.

14. The weight of any lot of bars shall not vary more than 5 per cent. from the theoretical weight of the lot.

## 5. Finish.

15. The finished bars shall be free from injurious seams, slivers, flaws and other defects and shall have a workmanlike finish.

## 6. Inspection.

16. The Inspector representing the purchaser shall have free entry at all times while work on the contract of the purchaser is being performed to all parts of the manufacturer's works which concern the manufacture of the material ordered. The manufacturer shall afford the Inspector free of cost, or reasonable facilities to satisfy him that the material is being furnished in accordance with these specifications.

Cold drawn steel wire made from steel conforming to the above specifications may be used in floor and roof slabs and column hooping.

8. Reinforced concrete structures shall be so designed that the stresses in the concrete and the steel shall not exceed the following limits:

Stone or Gravel Concrete, Proportions 1:2:4.

	Per Square Inch.
Extreme fibre stress on concrete in compression.....	650 pounds
Concrete in direct compression.....	500 pounds
Shearing stress in concrete when all diagonal tension is resisted by steel	150 pounds
Shearing stress in concrete when diagonal tension is not resisted by steel.	40 pounds
Bond stress between concrete and plain reinforcing bars.....	80 pounds
Tensile stress in steel reinforcement.....	16,000 pounds
Tensile stress in cold drawn steel wire, 35/100 of elastic limit, but not to exceed.....	20,000 pounds
Bond stress between concrete and deformed or cold twisted reinforcing bars .....	100 pounds

In continuous beams the extreme fibre stress in concrete in compression may be increased 15 per cent. adjacent to supports.

Cinder Concrete, Proportions 1:2:5.

Extreme fibre stress in concrete in compression..... 325 pounds  
9. The ratio of the moduli of elasticity of 1:2:4 stone or gravel concrete and steel shall be taken as 1:15. The ratio of the moduli of elasticity of 1:1½:3 stone or gravel concrete and steel shall be taken as 1:12. The ratio of the moduli of elasticity of 1:2:5 cinder concrete and steel shall be taken as 1:30.

10. Slabs shall be not less than four inches in thickness for floors, and three and one-half inches for roofs.

11. The span length used in figuring bending moments for beams and slabs shall be taken as the distance from centre to centre of supports, but need not be taken to exceed the clear span plus the depth of beam or slab. Brackets shall not be considered as reducing the clear span.

12. Length of columns shall be taken as the maximum unsupported length.

13. All reinforcements shall be accurately located and secured against displacement. The reinforcement for slabs shall not be spaced farther apart than two and one-half times the thickness of the slab.

14. As a basis for calculations for the strength of girders, beams and slabs, the following assumptions shall be made:

- A plane section before bending remains plane after bending.
- The modulus of elasticity of concrete in compression remains constant within limits of working stresses fixed in these regulations.
- The adhesion between concrete and reinforcement is perfect.
- Concrete has no value in resistance to tension.
- Initial stress in the reinforcement due to the contraction or expansion in the concrete is negligible.

15. The bending moment of slabs uniformly loaded and simply supported shall be taken as  $\frac{1}{8} WL$ , where  $W$  = total load and  $L$  = span.

16. The bending moments at the centre and at intermediate supports of floor slabs continuous over two or more supports shall be taken as  $\frac{1}{12} WL$ .

17. The bending moments of slabs that are reinforced in both directions and supported on four sides and fully reinforced over the supports (the reinforcement passing into the adjoining slabs) may be taken as  $\frac{1}{F} WL$ , for loads in each direction, in which  $F=8$  when the slab under consideration is not continuous or when continuous over one support, and  $F=12$  at both centre and supports, when the slab is continuous over both supports. The distribution of the loads shall be determined by the formula.

$$r = \frac{L^2}{L^2 + 4b^2}$$

in which  $r$  equals proportion of load carried by the transverse reinforcement,  $L$  equals length, and  $b$  equals breadth of slab.

18. Simply supported beams shall be considered as simple beams with bending moments of  $\frac{1}{8} WL$ .

19. Beams supported at one end and continuous at the other shall be considered as partially restrained with a bending moment of  $\frac{1}{10} WL$  at the centre and over intermediate support.

20. Beams supporting rectangular slabs reinforced in both directions shall be assumed to take the proportions of load as determined by the formula in paragraph 17.

21. The bending moments at centre and support for beams or girders continuous over two or more supports shall be taken as  $\frac{1}{12} WL$ .

22. The bending moments due to other than uniformly distributed loads shall be computed according to accepted theory.

23. Members of web reinforcement shall be so designed as to adequately take up all involved stresses throughout their entire length. They shall not be spaced to exceed three-fourths of the depth of the beam in that portion where the web stresses exceed the allowable value of concrete in shear web reinforcement, unless rigidly attached, shall be placed at right angles to the axis of the beam and carried around the extreme tension member.

24. Where adequate bond between slab and web of beam is provided, the slab may be considered as an integral part of the beam, provided its effective width shall not exceed on either side of the beam one-sixth of the span length of the beam nor be greater than six times the thickness of the slab on either side of the beam, the measurements being taken from edge of web.

25. Axial compression in reinforced concrete columns without hoops, bands or spirals, and with not less than one-half more than four per cent. of vertical reinforcement secured against lateral displacement by steel ties placed not farther apart than fifteen diameters of the rods nor more than twelve inches, shall not exceed 500 pounds per square inch on the total area of the concrete plus 6,000 pounds per square inch on the vertical reinforcement, except that the stress on the effective area of the concrete, if the entire load were distributed thereon, shall in no case exceed 750 pounds per square inch, plus 9,000 pounds per square inch on the vertical reinforcement.

26. Axial compression in reinforced concrete columns with not less than one per cent. of hoops or spirals [that is, a volume of steel equal to one per cent. of the column of concrete within the hoops or spirals for a unit length of column] spaced not farther apart than one-sixth of the diameter of enclosed column, and in no case more than three inches; with not less than one nor more than four per cent. of vertical reinforcement, shall not exceed 725 pounds per square inch on the effective area of the concrete, nor 8,700 pounds per square inch on the vertical reinforcement.

27. Axial compression in structural steel columns thoroughly encased in concrete having a minimum thickness of four inches and reinforced with not less than one per cent. of steel equally divided between vertical reinforcement and hoops or spirals spaced not more than twelve inches apart may be taken at 16,000 pounds per square inch on the net section of the structural steel, no allowance being made for the concrete casing. The hoops or spirals of the concrete casing shall be placed not nearer than one inch from the structural steel or the outer surface of the concrete. The ratio of length to least radius of gyration of the structural steel section shall not exceed 120.

28. In reinforced concrete columns the compression on the concrete may be increased twenty per cent. when the fine and coarse aggregates are carefully selected and the proportion of cement to total aggregates increased to one part of cement to not more than four and one-half parts of aggregate, fine and coarse, either in proportion of one part of cement, one and one-half parts of sand and three parts of stone or gravel, or in such proportions as will secure the maximum density. The unit stress on the vertical reinforcement in such columns shall not exceed twelve times the unit stress on the concrete.

29. Bending stresses in columns, due to eccentric loads, shall be provided for by

increasing the section of concrete or steel until the maximum stress shall not exceed the allowable working stress.

30. The effective area of the concrete of a column shall be taken in plane columns as the area of concrete within the lines connecting the vertical reinforcement and in hooped columns as within the hoops or bands.

31. In columns the ratio of length to least side or diameter shall not exceed fifteen, but in no case shall the least side or diameter be less than twelve inches.

32. Reinforced concrete floors may be constructed with alternate rows of hard burned terra cotta tile, concrete blocks or other incombustible material and ribs of reinforced stone or gravel concrete. The design of such floor shall conform in all respects to the provisions of this section as far as they are applicable. The tile or blocks shall be given the following values when placed in compression. Extreme fibre stress for terra cotta 500 pounds per square inch, for concrete blocks 200 pounds, shearing stress for terra cotta 200 pounds per square inch, for concrete blocks 100 pounds. Adhesion between terra cotta and concrete composed of one part of Portland cement, two parts sand and four parts stone or gravel or between Portland cement mortar 40 pounds per square inch. Adhesion between concrete blocks and stone concrete or mortar 20 pounds per square inch; ratio of modulus of elasticity of terra cotta to steel with Portland cement mortar joints shall be taken 1:10. Where other materials than terra cotta or concrete blocks are used, they shall be considered only as fillers for the purpose of forming a flat ceiling and shall not be considered in the design except as dead load, and there shall be at least a two-inch concrete slab over the top, which may be used in the design of the reinforcing concrete ribs if cast at the same time with the ribs. The concrete in such slabs shall be of the same mixture as the concrete of the ribs. Such tile or concrete block fillers shall be grooved or bevelled to form a mechanical bond with the reinforcing concrete ribs. The hollow tile or blocks shall be thoroughly wet before the concrete is poured.

The tiles or blocks shall be laid with broken joints when laid in continuous rows with joints between ends of blocks thoroughly grouted or filled with Portland cement mortar. If the blocks are laid without mortar between abutting ends they shall not be considered as part of the structural members.

33. Exterior and interior bearing and enclosure walls of reinforced concrete, supporting floor and roof loads shall be securely anchored at all floors and of such thickness that the compression stress shall not exceed 250 pounds per square inch, but in no case less than eight inches thick. The thickness shall not be less than one-twentieth of the unsupported height. All such walls shall be reinforced with steel, running both horizontally and vertically, and weighing not less than one-half pound per square foot of wall.

34. In footing for walls and columns the steel shall be protected by at least four inches of concrete.

35. The steel reinforcement in columns and girders shall be protected by a minimum of two inches of concrete; in beams and walls by a minimum of one and one-half inches, and in floor slabs by a minimum of one inch of concrete.

36. The mixing and placing of the concrete shall conform in all respects to the requirements of section 57.

37. Where new methods or principles in combining concrete and steel are proposed for reinforced concrete buildings or structures not provided for in section 108, the Superintendent shall investigate such new construction and issue regulations under which such construction may be used. No such regulation, however, shall have the effect of altering the working stresses for concrete and steel and the fire-proofing requirements required in section 108.

38. The builder may be required to make load tests on any portion of a reinforced structure within a reasonable time after erection. The tests shall be made under the direction of the Superintendent, and shall show that the construction will sustain safely a load of twice the live load of which it was designed. Test loads shall remain in place at least twenty-four hours.

## Section 109.

## Chimneys, Smoke Flues, Gas Flues and Fireplaces.

1. Every smoke flue hereafter erected shall be of brick or stone laid in cement mortar, reinforced concrete or other approved incombustible material, extending at least four feet above the highest point of contact with the roof and shall be properly capped with terra cotta, stone, cast iron, or other approved incombustible weather-proof material.

2. The brickwork or reinforced concrete of the smoke flues of all boilers, furnaces, baker's ovens, large cooking ranges, large laundry stoves and all flues for a similar purpose shall be at least eight inches in thickness, except that such walls of smoke flues used exclusively for ordinary stoves or open fireplaces shall be not less than four inches on the face and eight inches on the ends. Where two or more smoke flues are contained in the same chimney or breast, the walls between the several flues shall be not less than four inches thick. The walls of stone smoke flues shall be four inches thicker than required for brick or reinforced concrete. No smoke flue shall have smoke pipe connections in more than one story of a building.

3. Every smoke flue contained in a chimney or breast hereafter erected, shall be lined with well-burnt terra cotta pipe, made smooth on the inside from the bottom of the flue or from the throat of the fireplace, if the flue starts from a fireplace and carried up continuously the entire height of the flue. The ends of the sections of all such lining pipes shall be laid in cement mortar, and the pipes shall be built in as the flues are carried up.

4. In no case shall a chimney be corbelled more than eight inches from a wall. No corbelling more than four inches shall be permitted in eight-inch brick walls. Piers which support chimneys shall start from their foundation on the same line with the chimney breast. They shall be not less than twelve inches on the face and shall be properly bonded into the walls. No chimney shall rest upon nor be carried by woodwork. No combustible furring or sheathing shall be placed against any smoke flue or chimney breast.

5. In every building or structure hereafter erected, where smoke flues start from the cellar or lowest story, one such flue shall have an internal cross-sectional area of at least ninety-six square inches and shall start at least three feet below the ceiling. In every building or structure hereafter erected less than seventy-five feet in height there shall be provided for each kitchen, except where gas burning appliances are used, a flue at least sixty-four square inches in area, which flue shall be located in one of the walls of such kitchen.

6. The walls of flues used only for gas burning appliances shall be of brick or concrete at least four inches thick and shall be lined with hard burnt clay or terra cotta pipe as required in paragraph 3 of this section. Where two or more such flues are contained in the same chimney or breast, the walls between the several flues shall be not less than two thicknesses of the tile lining with joints broken, except that at least every third partition shall be not less than four inches thick of brick or its equivalent and bonded into the walls. Not more than one appliance or utensil in which gas is used as fuel shall be connected to a single flue, nor shall any appliance or utensil in which gas is used as fuel be connected to any flue to which any smoke pipe is connected.

7. The smoke flue of every high pressure steam boiler and every appliance producing a corresponding temperature in the smoke flue shall, if built of brick, stone, reinforced concrete or other approved masonry, be lined on all sides with not less than four inches of fire brick, laid in fire mortar, for a distance of at least twenty-five feet from the point where the smoke connection of the boiler enters the flue.

8. Approved inside vertical smoke flues for boilers may be of metal at least No. 10 U. S. gauge, if enclosed in brick, stone, reinforced concrete or other approved masonry, not less than eight inches thick, with an air space at least four inches between lining and walls. Exterior metal smoke flues for boilers shall be of approved construction and when over twelve inches in diameter shall be at least No. 10 U. S. gauge.

9. The smoke flue of every smelting furnace and of every other similar device which heats the flue to an extremely high temperature, shall be built with double walls of thickness suitable for the temperature. There shall be an air space between the walls, and the inside wall shall be of firebrick not less than four inches thick.

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

11. When a building or structure is carried up more than ten feet above the roof of an adjoining building or buildings, the owner of such building, if requested

in writing, during construction, by the owner of the adjoining building or structure, shall at his own expense extend the adjoining flues of such adjoining building to the same height as the chimneys of his building, or shall supply sufficient flues connecting such adjoining flues with his chimneys.

12. Upon the completion of a building all flues shall be properly cleaned.

13. All fireplaces and chimney breasts where mantels are placed whether intended for ordinary fireplace use or not, shall have trimmer arches or other approved fireproof construction supporting hearths. The arches and hearths shall be at least twenty inches in width measured from the face of the chimney breast. The arches shall be of brick, stone, terra cotta or reinforced concrete of approved thickness. The length of the trimmer arch and the length of the hearth shall be not less than the width of the chimney breast. The hearth shall be of brick, stone, tile or other approved fireproof material. False fireplaces shall be placed only against unfurred masonry walls.

14. No coal burning heater of the Baltimore type shall be placed in a fireplace which does not conform to the foregoing requirements and have an incombustible mantel. No wood mantel or other woodwork shall be placed within eight inches of the side nor within twelve inches of the top of any open fireplace. No combustible summer piece or fireboard shall be used in connection with any open fireplace. The firebacks of all fireplaces shall be of approved masonry not less than eight inches thick. The fireback of every fireplace intended to be used for a wood fire shall have a facing of at least four inches of firebrick in addition to the eight inches of masonry hereinbefore required.

15. Flues in tenement houses for gas logs, ranges and heaters shall be as required in the Tenement House Law.

16. Smoke flues in existing dwellings or defective flues in dwellings hereafter erected may be lined with metal flue lining as approved by the Superintendent.

#### Section 110.

##### Smoke Pipes.

1. Smoke Pipes—No smoke pipes shall pass through any floor, nor through any non-fireproof roof. Smoke pipes for stoves, cooking ranges, hot air furnaces, low-pressure steam or hot water boilers shall be not less than eighteen inches below any wood lath and plaster or other combustible ceiling, unless at least the upper half of such smoke pipe is properly protected by one inch or more of asbestos covering or its equivalent, having an air space of one inch between the pipe and the covering; or by a metal casing spaced two inches from the upper half of the pipe and conforming to the contour thereof. If so protected smoke pipes shall be not less than nine inches distant from any wood lath and plaster construction, woodwork or other combustible material. Where a smoke pipe passes through a wood lath and plaster or other combustible partition a section of the partition shall be removed and the smoke pipe so placed and secured that no part of it shall be nearer than twelve inches to any remaining combustible part of the partition. The section of the partition so removed may be replaced by approved fireproof material which fireproof material shall not be within two inches of any part of the smoke pipe.

2. Steam boilers, furnaces, ovens, ranges, coffee roasters and similar structures in which fires are maintained shall rest on the ground, a trimmer arch, or a fireproof floor constructed in accordance with section 104. The clearance between a high pressure steam boiler or furnace producing a high degree of heat and any combustible construction shall be not less than thirty-six inches; the clearance of their smoke pipes may be reduced to eighteen inches if covered with at least three inches of asbestos cement or its equivalent. Such clearance of low pressure boilers, hot air furnaces and similar appliances shall be not less than eighteen inches. The steam dome of a boiler shall be not nearer than ten inches to combustible material unless it is protected with two inches of asbestos cement having smooth finish or its equivalent, in which case it may be within five inches.

Suspended shields or other suspended fire-retardants forming concealed or inaccessible spaces over boilers or furnaces are prohibited.

#### Section 111.

##### Hot Air Flues, Pipes and Vent Ducts.

1. Hot Air Furnace Flues and Pipes—All stone or brick hot air furnace flues shall be lined with tin or other suitable sheet metal or burnt clay pipe.

2. Hot Air Furnace Pipes in Cellars—Horizontal hot air furnace pipes shall be placed at least six inches below wood floor beams or wood lath and plaster ceiling; if the floor beams or ceiling are protected by metal lath and plaster or its equivalent, then the distance shall be not less than three inches. Cold air ducts of hot air furnaces shall be of metal or other approved fireproof material.

3. Protection of Woodwork Against Hot Air Furnace Pipes—Hot air furnace pipes contained in combustible partitions shall be placed inside another pipe one inch larger in diameter; the outside pipe shall be at least one and one-half inches away from the woodwork which shall be tin lined, or in lieu of the above protection, four inches of brickwork or concrete may be placed between the hot air pipe and the woodwork. This shall not prevent the placing of metal lath and plaster directly on the face of hot air pipes or the placing of woodwork on such metal lath or plaster, provided the thickness of the plaster is not less than seven-eighths of an inch. Metal hot air furnace pipes if run between floor and ceiling shall be double with one inch air space; the outside pipe shall be two inches from any woodwork which shall be covered with metal. Hot air furnace pipes in closets shall be double, one and one-half inches apart; the outside pipe shall be not less than No. 18 U. S. gauge. Hot air furnace pipes passing through floors shall be double, one and one-half inches apart; the outside pipe shall be not less than No. 13 U. S. gauge, extended from the under side of the ceiling to six feet above the floor. The air space between pipes shall be open at bottom and closed at top.

No hot air furnace pipe shall be placed between floor and ceiling, or in a stud partition, or in any wood enclosure, unless it be at least eight feet distant in a horizontal direction from the furnace.

4. Registers for Hot Air Furnaces—Every hot air furnace shall have at least one register without valve or louvers.

5. All registers used in connection with hot air furnaces placed in any woodwork or combustible floors shall have stone or iron borders firmly set in plaster of paris or gauged mortar. The register shall rest upon the border.

All register boxes used in connection with hot air furnaces shall be made of tin plate or galvanized iron with a flange on the top to fit the rabbit in the border. The register box shall be enclosed in a tin or galvanized iron casing spaced at least two inches from the sides of the box and extending from the under side of the border to and through the ceiling below. The upper end of the casing shall be turned under the border.

Registers located over a brick furnace shall be supported by a brick shaft built up from the cover of the hot air chamber; such shaft shall be lined with a metal pipe, and all wood beams shall be trimmed away not less than three inches from the outer face of the shaft.

When a register box is placed in the floor over a portable furnace, the space on all sides between the casing and the register box shall be not less than four inches.

#### Section 112.

##### Heating and Cooking Apparatus, Vent Flues and Ducts.

1. All matters in connection with the installation or alteration of heating and cooking appliances which in any way affect or modify the construction of a building shall be subject to the approval of the Superintendents. Due notice shall be sent to the Bureau by the owner before the erection or alteration of any such appliance so affecting the construction.

2. Steam and Hot Water Pipes—Steam or hot water heating pipes shall not be placed within less than one inch of any woodwork unless the woodwork is covered with sheet metal, in which case the distance shall be not less than one-half inch. Every steam or hot water heating pipe passing through combustible floors and ceilings or wood lath and plaster partitions, shall be protected by a metal tube one inch larger in diameter than the pipe. All wood boxes or casings inclosing steam or hot water heating pipes or wood covers to recesses in walls in which steam or hot water heating pipes are placed, shall be lined with metal.

3. Pipe Coverings—Coverings of steam and hot water pipes shall be of incombustible material.

4. Vent Flues and Ducts—Vent flues or ducts for the removal of foul air, in which the temperature of the air cannot exceed that of the room, may be constructed of sheet iron or other incombustible material, and when used in connection with an exhaust fan shall not be placed nearer than one inch to any woodwork.

Vent flues and ducts connected with hoods over cooking ranges shall be constructed in accordance with the requirements for smoke flues, section 109, and for smoke pipes, section 110, and be used for no other purposes.

#### Section 113.

##### Frame Buildings Within the Fire Limits.

1. No frame structures shall be erected within the fire limits prescribed in section 13, except outhouses, as defined in section 3, and temporary one-story structures for the use of builders, and temporary stands and platforms, for which permits are issued by the Superintendent.

2. Wood piazzas or balconies which do not exceed eight feet in width and do not extend more than three feet above the second story floor beams, may be erected upon dwellings, provided the roofs of same are covered with approved incombustible materials.

3. No existing frame building may be raised to a height exceeding thirty-six feet six inches. When raised, it shall comply with all the requirements and provisions of this code relating to frame buildings, and the stresses in the material thereof shall be kept within the limits prescribed in section 13.

4. No building less than twenty-five feet in height may be raised. This shall not prohibit, increasing one story and basement dwelling houses one additional story. In increasing the height of any such building the entire area which the building covers may be raised to a uniform height. An extension of less width than the main building may be increased to the full width of the main building, with the same kind of material as the main building, but shall not be increased in height. Any such building may be extended on front and rear by not more than fifteen feet. This extension shall not be higher or wider than the main building. In no case shall a frame extension be erected within three feet of a side or rear line of a lot unless the space between the studs of such side is filled in solidly with not less than four inches of brickwork or other fireproof material.

A frame building more than two stories in height now or formerly used as a residence, hereafter raised or altered shall be used only as a residence or may be used for stores on the first floor. If any such building shall have been built before the street upon which it is located is graded, or if the grade is altered, such building may be raised or lowered to meet the requirements of the grade.

5. No frame building shall be moved from without to within the fire limits, nor when within the fire limits moved to another lot within the fire limits.

6. Hereafter, within the fire limits, wood or frame buildings, including those having brick or other fronts, may be repaired or altered, whether damaged by fire or not, to an extent not exceeding fifty per cent. of the value thereof, exclusive of the valuation of the foundation, provided such buildings are neither raised, lowered or enlarged, except as provided in this section.

If the damage by fire shall amount to more than fifty per cent. of the value of the building, exclusive of the value of the foundation, then such building shall not be repaired or rebuilt, but shall be taken down.

In case the owner of the building which it is proposed to repair or alter, or which has been damaged by fire, shall be dissatisfied with the decision of the Superintendent having jurisdiction that the proposed alteration or damage exceeds fifty per cent. of the value thereof, exclusive of the value of the foundation, then the amount and extent of such alteration or damage shall be determined by a Committee of Surveyors as provided in section 5 of this Code, and such building shall in no manner be repaired, altered or rebuilt until after their decision shall have been rendered.

#### Section 114.

##### Frame Buildings Outside of Fire Limits.

1. Frame buildings may be erected outside the fire limits, and existing frame buildings outside the fire limits may be altered, extended, raised or repaired, provided such new buildings and alterations fully comply with all the provisions of sections 114 to 118, inclusive.

2. Floor beams and rafters shall be not less than two inches in thickness. All frame or wood buildings exceeding fifteen feet in height shall have their sills secured to the foundations in an approved manner and be erected with sills, posts, girts and plates of suitable size and materials with proper mortise and tenon framing and braced with studs at all angles, but this shall not prohibit the use of balloon framing with proper sills and ribbon strip not less than 1 1/4 by 6 inches where diagonal sheathing is used.

4. Except as required by section 116 (1) frame tenement houses shall have the side walls filled with incombustible material as defined in paragraph 8 of this section.

5. No frame building without the fire limits shall be moved from one lot to another until a permit has been obtained from the Superintendent.

6. Frame buildings hereafter erected or altered shall not exceed forty feet in height nor more than three stories.

7. Frame dwellings shall not exceed four thousand square feet in area. No other frame building shall exceed two thousand five hundred square feet in area, except that one-story structures may have an area of five thousand square feet.

8. The combined area of frame buildings, sheds and outhouses located on any lot shall not exceed eighty per cent. of the lot area. In no case shall a frame building be erected, altered, raised or extended within three feet of the side or rear line of a lot, unless the space between the studs on such side be filled in solidly with not less than two and one-half inches of brickwork or other fireproof material.

9. Where brick, stone, or concrete walls, or walls of hollow blocks (as provided in section 56) are used in place of frame walls the floor or roof beams shall be at least as thick as provided in this section.

10. Wood partitions supported on wooden girders and columns may be used as bearing partitions.

#### Section 115.

##### Foundations for Frame Buildings.

1. The foundation walls of frame dwellings exceeding fifteen feet in height shall rest on footings of brick, stone or concrete not less than eight inches in thickness. All footings shall extend at least four and one-half inches outward from each side of the bottom of the foundation walls which rest upon them.

2. The bottom of footings for frame buildings shall rest upon solid ground not less than four feet below the surface, unless solid rock occurs above this point, or upon piles or ranging timbers of wood where necessary. The foundation walls of frame structures exceeding fifteen feet in height, if of stone, shall be not less than eighteen inches thick, and if of brick or concrete, not less than twelve inches to the grade and eight inches thick to the under side of the sill. If the foundation and first story walls are constructed of brick or concrete, the foundation walls shall be not less than twelve inches thick to the first tier of beams and eight inches thick from the first to the second tier of beams, or if these walls are constructed of stone, they shall be not less than twenty inches for the foundation walls and eighteen inches for the first story wall, and if the walls are faced with ashlar, the total thickness shall be four inches more than required in this section.

#### Section 116.

##### Walls and Partitions in Frame Buildings.

1. When three or more frame buildings are built in a continuous row a division or party wall shall be provided at least every fifty feet on centres, and shall be of brick or other approved fireproof material not less than eight inches thick. These walls shall extend from front to rear, be solid, without openings, extend not less than two feet above the roof boards and be properly coped.

Other division walls of brick or concrete shall be not less than eight inches thick above the foundation wall and extend eight inches above the roof boards and be properly coped.

When stud partitions separate frame buildings, the division studding shall be not less than four inches thick and filled solidly with brickwork or other approved fireproof materials, extending from the sill to the under side of the roof boards.

2. Posts of wood and wood girders or other approved supports may be used instead of brick fore and aft partitions, in cellars of frame buildings.

3. The walls of all interior shafts in frame buildings, including dumbwaiter shafts, may be of wood, but the interior surfaces shall be covered with metal lath, plaster board at least one-half inch thick and plastered in an approved manner or other approved fireproof covering. All interior vent and dumbwaiter shaft in frame buildings shall be supported and enclosed in cellars in eight-inch brick or concrete walls.

4. Partitions separating stores or spaces occupied for business purposes from halls and stairways serving as means of ingress or egress to any part of a building used for purposes other than business when not of incombustible material shall be covered with plaster of approved thickness on metal lath, plaster boards or other approved incombustible material.

## Section 117.

*Ceilings in Frame Buildings.*

1. The ceiling over every cellar or lowest floor in every frame building more than one story in height hereafter erected, where the beams are of wood, shall be plastered in an approved manner.
2. The plaster on ceilings over stores or spaces occupied for business purposes shall be of approved thickness on metal lath, plaster boards or other incombustible material, excepting where the entire building is used for business purposes.

## Section 118.

*Chimneys.*

1. All chimneys in frame buildings shall be built of brick, stone or other approved fireproof material, as required in section 109.

## Section 119.

*Requirements for Public Safety.*

1. In all buildings or parts of buildings of Classes A, B, E and F, also hotels and clubhouses, occupied for purposes of assembly, amusement or instruction (other than theatres, opera houses and buildings used for motion picture show houses accommodating more than 600 persons which are provided for in section 120), where large numbers of people may congregate, the halls, doors, stairways, seats, passageways and aisles, and all lighting and heating appliances and apparatus shall conform to the requirements of this code and the requirements of all laws and ordinances to facilitate egress in case of fire or accident, and to afford adequate security.
2. Motion picture show houses accommodating less than 600 persons shall be constructed to conform to the requirements of the ordinance regulating such structures.
3. Amusement and similar devices operated by mechanical, electrical or other power shall be erected, installed and maintained as required by the rules and regulations of the Superintendent as required in section 2, and the Superintendent is hereby empowered to make such rules and regulations as to the manner of construction and materials required in the erection or alteration of such devices, and such structures shall be subject to such test as may be required by the Superintendent.

## Section 120.

*Theatres and Opera Houses and Places of Entertainment.*

1. Every theatre, opera house, or every building, or part of building or structure hereafter erected or altered and intended to be used for theatrical or operatic purposes, or for public or private entertainment of any kind for the accommodation of more than three hundred persons, or for a motion picture show house for the accommodation of more than six hundred persons, shall be constructed as required in this section.

2. The Superintendent shall determine the number of persons which every such building may accommodate. This determination shall be based on the actual number of seats and an allowance of three square feet per person for all parts of auditorium or galleries where "standing room" may be provided. By standing room is meant such space in which by ordinance of the Board of Aldermen or other legal authority persons may be, or may have been permitted to stand during any performance. Such measurements are exclusive of aisles, passageways and lobbies. No more than the number so determined and certified by the Superintendent shall be allowed in such structure at any one time.

3. No building or part of building which at the time of the passage of this Code is not in actual use for the purposes set forth in Par. 1 of this section may be altered, extended or its use converted to such purposes unless made in every respect to conform to the requirements of this section.

4. No building hereinbefore described shall be opened to the public until the Superintendent shall have approved of same in writing as conforming to the requirements of this Code; nor until the Fire Commissioner shall have certified in writing that the requirements of the Fire Department have been complied with and that all appliances for the extinguishing of fire and are in complete and satisfactory working condition.

5. A roof garden or open air auditorium (but no other place of public amusement) may be constructed above a fireproof building used for the purposes referred to in paragraph 1 of this section, built in conformity with the requirements of this section. Such roof garden or open air auditorium shall have not less than 60 per cent. of its total floor area open to the sky without a roof, except that a cover of glass and metal skylight construction may be provided, and no part of its seating floor, or space upon which seats may be placed, shall be at greater height than ninety feet above the level of the curb in the street at the main entrance to the building. The total capacity of such roof garden or open air auditorium shall not exceed 750 persons, figured on the same basis as that provided elsewhere in this section for the calculation of capacity. The construction of such roof garden or open air auditorium shall be fireproof and shall conform in every way to the requirements of this section. No portion of a roof garden shall be above a stage.

6. In a roof garden the size of entrances and exits, corridors and stairs shall be 50 per cent. greater than the corresponding requirements called for in this section for theatres where the orchestra floor is at or about the street level. If an audience is to be assembled in the building or part of building referred to in paragraph 1 of this section, at the same time as in the open air auditorium or roof garden constructed above the same, then the provisions for such entrance and exit herewith required for the latter shall be entirely distinct from and in addition to the provisions for exits and entrances, corridors and staircases required for the structure below.

If any structure is so built over the ceiling or roof of any building or parts of building referred to in paragraph 1 of this section, the girders, trusses or other metal members supporting said structure shall be protected against fire by at least four inches of fireproof material.

7. No portion of any building hereafter erected, extended or its use altered, used or intended to be used for the purposes referred to in paragraph 1 of this section, shall be occupied or used as a factory, workshop or manufactory, or for storage purposes, except as hereinafter specifically provided. No store or room shall be let or used for carrying on any business dealing in any article or material dangerous to life in the opinion of the Fire Commissioner.

8. The before-mentioned restrictions relate not only to that portion of the building which contains the auditorium and the stage, but apply also to the entire structure in conjunction therewith.

9. No workshop, kitchen, storage or general property room shall be allowed in or under the auditorium, above the stage or under the same, or in any of the fly galleries, but such rooms or shops may be located in the rear of, or at the side of the stage, and in such cases they shall be separated from the stage by a brick or concrete wall not less than twelve inches in thickness or other equally efficient cut-off and the openings leading into said portion shall have approved self-closing fireproof doors on one side of the wall and approved automatic fire doors on the other side of the wall.

10. No sleeping accommodations shall be allowed in any part of the building communicating with the auditorium or stage.

11. Interior walls built of fireproof materials shall separate the auditorium from the entrance vestibule and from any communicating room or rooms over or under the same, also from any lobbies, corridors, refreshment or other rooms forming part of the theatre; and in all such walls the windows and door frames and all sashes and doors shall be of approved fireproof construction, and the sashes made stationary and glazed with wired glass.

12. All floor surfaces shall be of concrete or other incombustible material, and no wood boards or sleepers shall be used as a covering over these floors, seat platforms, aisles, steps, landings, passages or stairs.

13. No combustible doors or trim shall be used in the auditorium and none of the walls or ceilings shall be covered with wood sheathing, wood wainscoting, or other combustible material, but this shall not preclude the construction of a wood sounding board over orchestra pit when the same extends back of and below the overhang of the stage, provided the said wood sheathing be properly fire stopped by a twelve-inch brick wall back of the same, and also have a proper fireproof construction directly under the overhang of the stage extending from the brick wall to the apron of stage. Nothing herein contained shall prohibit padding the fireproof doors for acoustic purposes.

14. All seats in the auditorium except those contained in boxes accommodating not more than twelve persons shall be firmly secured to the floor and shall be placed not less than thirty-two inches from back to back, measured in a horizontal direction. If benches without arms between seats are used their capacity shall be figured on the basis of one person to each eighteen inches in width.

No seat in the auditorium on the orchestra floor shall have more than six seats intervening between it and an aisle, or more than thirteen seats in a row between any two aisles. No seat in any gallery shall have more than five seats intervening between it and an aisle, or more than twelve seats in a row between any two aisles.

15. There shall be no more than twelve feet rise, measured vertically, in any aisle in any gallery without direct exit by tunnel or otherwise, to a corridor or passage with a free opening on to the gallery stairs or other direct discharge to the street. At such elevation of twelve feet or less an intervening or cross aisle leading directly to an exit or entrance may be substituted for the tunnel. No such tunnel or cross aisle shall be less than four feet wide in the clear.

16. No platform in galleries formed to receive the seats shall be more than twenty-four inches in height of riser at the centre aisle, nor less than thirty-two inches in width of platform. Every such platform shall be at least nine feet from the ceiling.

17. Where the platform riser exceeds twenty inches in height there shall be a metal guard rail in front of every row of seats in each gallery; these rails shall be not less than two feet six inches high, of substantial construction and shall continue along aisle steps for a distance of not less than ten inches forward of each seat platform on both sides of steps.

18. Aisles shall be not less than three feet wide at the beginning and shall be increased in width towards the exits and entrances at the ratio of not less than one and one-half inches to five feet of run.

19. Floors at all exits shall be flush with adjacent inside floors and shall extend for an unbroken width of not less than four feet in front of each exit, and no steps down shall be nearer than one foot to the door opening.

20. Steps in any aisle shall be the full width of the aisle. No risers shall be more than nine inches in height, and no tread shall be less than ten inches in width, and whenever the rise of seat platforms is four inches or less, the floor of the aisles shall be made as a gradient. Where steps are placed in passages they shall be grouped together and shall be clearly lighted. No stool, seat or other obstruction shall be placed in any aisle.

21. The width of passages and hallways shall be computed in the same manner as that hereinafter provided for stairways and no passage shall be less than five feet in width.

22. All passages, hallways and stairways leading from any balcony or gallery in any direction shall permit of free passage without returning to an outer exit of the building.

23. The aggregate capacity of the foyers, lobbies, hallways, passages and rooms for the use of the audience, not including aisle space, shall on each tier be sufficient to contain the entire number to be accommodated on such tier, in the ratio of 150 square feet of floor space for every hundred persons.

24. The term "exit" as used in this section refers to emergency exits only; the term "entrance" refers to all other traffic ingress or egress.

25. For each tier the aggregate width in feet of each of the following shall be not less than one-fortieth of the number of persons to be accommodated on that tier: (a) entrance doors; (b) entrance stairs; (c) entrance passages; (d) exit stairs; (e) exit passages. The aggregate width in feet of the exit doorways opening from each gallery, shall be not less than one-twenty-fifth of the number of people to be accommodated on that gallery.

26. A common place of entrance may serve for the orchestra floor of the auditorium and the first gallery, provided such entrance and the passages leading thereto are of the width required for the aggregate capacity of these two tiers.

Distinct and separate places of entrance shall be provided for each gallery above the first.

27. From the auditorium at least two exits remote from each other leading into open courts or streets shall be provided in each of both side walls of the auditorium on all tiers. Each exit shall be provided with approved fireproof doors.

28. Every entrance and exit doorway opening from the auditorium shall have over the same on the auditorium side the word "EXIT" inscribed in letters not less than six inches high, or an illuminated sign with letters of the same height. Where illuminated signs are not provided there shall be at least one red light over each entrance and exit, opening from the auditorium and stage sections. Auditorium entrances and exits shall be numbered with figures not less than six inches high.

29. There shall be legibly printed on the program of each performance a separate diagram or plan of every tier. Each such diagram shall occupy a space not less than fifteen square inches and shall show distinctly the entrances and exits from each tier and where they lead.

30. The minimum width of doorways shall be five feet in the clear, except exit doorways, which may have a minimum width of four feet.

31. All doors of exits or entrances shall open outwardly and be hung in such a manner as not to obstruct any part of the required width of a doorway, passage or stairway. The fastenings of these doors shall be such as can readily be opened from the inside at all times without the use of keys or any special knowledge or effort. The use of draw bolts is prohibited.

32. Where any entrance does not open directly on a street, the corridor or passage connecting it with the street shall be constructed of continuous walls of brick at least eight inches thick, or other approved fireproof material, and the roof construction of these corridors must be fireproof and of strength to sustain a live load of 150 pounds per square foot. The height of such corridors shall be not less than ten feet throughout. No doors or windows shall be permitted in the side walls, floor or roof.

33. When stairs return directly on themselves, a landing of the full width of both flights, without any steps shall be provided. The outer line of landings shall be curved to a radius of not less than two feet; this provision, however, shall not apply to emergency exit stairs on outside of buildings. Stairs turning at an angle shall have a proper landing. In stairs, when two side flights connect with one main flight, the width of the main flight shall be at least equal to the aggregate width of the side flights. No stairway shall ascend to a greater height than twelve feet without a landing, and the length and width of such landing shall be not less than the width of the stairs; no run of stairs shall consist of less than three risers between platforms.

34. All stairs shall have hand rails as provided in section 18.

35. The entrances opening directly on a street shall be on a level not higher above the sidewalk than four steps of six inch risers each and twelve inch treads, exclusive of nosing.

36. Where the number accommodated in a gallery exceeds two hundred, there shall be at least two separate and distinct entrances. No entrance stairs to any tier in the auditorium shall be less than five feet wide.

37. All entrance stairs for the use of the audience (excepting those leading to the first gallery only, which may be open on one side), shall be enclosed with walls of brick or other approved fireproof materials, in the stories through which they pass. There shall be no communications above the street or court grade in any of said stairway enclosures, other than the communication from the tier for which the stairway is exclusively intended, except that the same stairway may serve entrances for two galleries where the number which may be accommodated by such stairway does not exceed 150 persons for each gallery independently of the exit stairways. No stair from a gallery shall communicate with the basement or cellar. No door shall open immediately upon a flight of stairs, but a landing at least the width of the door shall be provided between such stairs and such door.

38. All stairs shall have treads of uniform width and risers of uniform height throughout in each flight. In no case shall the risers in any stairs exceed seven and three-fourths inches in height nor shall the treads exclusive of nosing be less than 10 inches wide. No circular or winding stairs shall be permitted and no winders shall be introduced in any stairs.

39. Entrance stairs and passages for the dressing rooms shall be at least thirty-six inches wide and extend independently to the street or court. No stairs in the stage section shall be less than thirty inches wide. At least two independent staircases, with direct exterior outlets at court or street grade, shall be provided for the service of all tiers in the stage section, and one stairway shall be located on each side of the stage.

40. Exit stairs from each gallery shall be, and other stairs required by this section may be, tower stairways, or, in lieu thereof, exterior fireproof stairway may be used as required in section 18. The width of exit stairway may be reduced 15 per cent., if tower stairways are provided, except that the minimum width shall be forty-four inches. Exit stairs shall have risers not exceeding seven and three-fourths inches and treads not less than ten inches, exclusive of nosing. The stairs for the exists from each tier shall extend to the court or street grade independently of the stairs or exits from other tiers, except that a tower stairway may serve two tiers if the width of stairs therein is equal to the combined width required for both tiers. Outside balconies shall be at least as wide as the required width of their stairways, but in no case less than five feet. No riser shall be nearer than one foot to the exit door opening.

41. All exit balconies and stairs shall be constructed of steel throughout or of

other forms of approved fireproof construction. Risers, treads, platforms and balconies must be solid, without slats, and the construction shall be of strength to safely sustain a live load of 100 pounds per square foot. Sheet metal or other suitable solid material shall be provided to a height of not less than four feet on the outer side of all these open air stairs, balconies and platforms. All open air stairs, balconies and platforms shall be covered with a metal hood or awning to be constructed in an approved manner. There shall be no openings in any theatre wall between the outside balconies or stairways and their covers, except the required exits from the tier served by said stairs and balconies. No person of the audience must be obliged to pass alongside of more than one exit doorway after reaching an outside balcony to get to the ground.

42. At least two independent exterior exits shall be provided on a level with the stage for the service of the stage and floors below same. These exits shall be at opposite sides of the stage. Each tier of dressing rooms shall have an independent exit leading directly to a tower stairway or approved outside stairs, or to a court or street. The fly galleries shall be provided with adequate means of exit. All exits and fire escapes from the stage section shall be independent of the exits for the audience above the court or street grade. Stairs, if any, leading down from stage level shall be enclosed and protected by fireproof doors.

43. Every building or part of building referred to in paragraph 1 of this section shall have at least the front or one side wall bordering on a street, and not less than one-half of the openings required for entrance of the audience to the auditorium shall be provided in such wall or walls.

44. There shall be reserved for exit purposes an open court or space on the side or sides of the building, as follows:

In the case of a plot with streets on front, rear and both sides, or in the case of a double corner plot where both sides of the theatre border on streets, no courts will be required. On a double corner, single corner or inside plot when one side only of the building borders on a street, one court will be required located on the opposite side. On an inside plot where the building front only borders on the street, courts will be required on both sides.

45. The minimum width of open courts shall be eight feet when the total capacity is 750 or less and ten feet when the capacity is between 750 and 1,000, and when the capacity exceeds 1,000 people the width of the courts shall be increased one foot for each additional 500 people or fraction thereof in excess of 1,000.

46. Said open court or courts shall extend at least from the line of the proscenium wall forward the length of the auditorium to the wall separating the same from the entrance lobby or vestibule. This entire court area shall be open to the sky, except that stairs in tower stairways may occupy part of the court space if the required width of exit passageway is not obstructed.

47. Existing theatres erected in conformity with the amendments to the Building Code of 1904 may be permitted to limit the open court space according to the requirements of this section, provided that such theatres are equipped with a rigid curtain at the proscenium opening as specified in this section, and provided also that the requisite exit facilities are thereby in no way diminished.

48. Where said emergency courts do not open directly on a street, a separate and distinct corridor or passage shall continue directly to the street, around the building or through such structure as may be or may have been built on the street, but no such passageway shall pass under any portion of the auditorium or stage. Said corridors or passages shall be constructed fireproof all the way to the street in same manner as provided for the construction of corridors for entrances hereinbefore described. The corridor or passage leading from the court to the street shall be at least as wide as the court and there shall be no projections into the passage. The outer openings may be provided with doors or gates opening outward. During the performance these doors or gates shall be kept open; at other times they may be closed and fastened.

If entrances open on emergency courts or corridors the said courts or corridors shall be increased in width an amount at least equal to the width of the entrances which they serve.

49. The courts and corridors or passages shall not be used for storage purposes, nor for any purpose whatsoever except for exit and entrance and must be kept free and clear during performances.

50. All courts and corridors at all points of street entrance or exit shall be flush with sidewalk. To overcome any difference of level in and between courts, corridors, lobbies, passages and aisles on the ground floor, gradient shall be employed of not over one foot in ten feet, except that runs of not more than ten feet in length may be one in eight.

51. A wall built of brick or concrete not less than twelve inches thick in any portion shall separate the auditorium from the stage and shall extend at least four feet above the stage roof, or the auditorium roof if the latter be the higher. Any windows in the structure above the auditorium which face over roof of stage section when within 100 feet of the stage roof shall be protected with wired glass windows in metal frames with automatic closing attachments.

52. The proscenium opening shall be provided with a rigid fireproof curtain built in conformity with the following specification, or specifications approved by the Superintendent as being equivalent thereto in efficiency. The curtain shall be able to withstand a pressure of ten pounds per square foot over its entire surface without sufficient flexure to interfere with its perfect freedom of movement. It shall have a steel frame with an incombustible facing on the auditorium side, and be protected on the stage side by not less than one inch of approved fireproofing material. There shall be an air space between the fireproofing and the incombustible facing. The steel guides at the sides, the connections between the top of the curtain and the proscenium opening and between the bottom of the curtain and the stage shall be so arranged as to provide an efficient smoke seal throughout the entire perimeter of the curtain when the curtain is down. The curtain shall be operated by an hydraulic, electric or other approved apparatus. In addition to the ordinary operating mechanism there shall be an approved emergency device which will permit the curtain to descend by gravity, such device to be capable of operation from each side of the stage and from the tier galleries. No such curtain shall be erected until after the details of design, construction and operation have been approved by the Superintendent. Each manufacturer of theatre curtains, made in compliance with these provisions, shall submit a sample curtain not smaller than 100 square feet for such fire tests as required by the Superintendent. No make of curtain shall be used until it has been tested and approved by the Superintendent.

Counterweights shall be suspended at the extreme side or other walls of the stage section, and be enclosed by guards, and provided with counterweight stops.

53. Openings between the stage and auditorium other than the proscenium opening shall not exceed four in number, two at the approximate stage level and two in the musicians' pit; the size of any such openings shall not exceed twenty-one square feet. The openings at stage level shall have an automatic fire door on one side of the wall and self-closing fireproof door at the other side of the wall, and openings, if any, below the stage shall have self-closing fire doors, and all of said doors shall be hung so as to be opened from either side of the wall at all times.

54. All openings in exterior walls of stage section shall be protected by approved automatic fire doors or automatic self-closing metal sashes and frames, with wired glass.

55. All that portion of the stage extending from the stage side of the fireproof curtain and from the fireproof wall separating the space under the stage from the auditorium to the outer edge of the apron shall be fireproof. A wood finish floor without air space may be used in front of the curtain and on the stage.

56. All that portion of the stage, which is not movable, shall be of fireproof construction and designed to safely sustain a live load of not less than 100 pounds per square foot. The portion of stage floor usually embraced between the proscenium jambs, and from proscenium to rear wall, if not fireproof, shall be of heavy timber or steel beam construction with flooring not less than one and three-fourths inches finished thickness.

57. The fly galleries and the tie galleries shall be of fireproof construction, designed to sustain safely a live load of ninety pounds per square foot. No wood boards or sleepers shall be used as covering over these floors.

58. The gridiron or rigging loft shall have a lattice metal floor capable of sustaining a live load of seventy-five pounds per square foot and be readily accessible by metal stairs.

59. All entrances to the stage from the streets, alleys or open courts shall be vestibuled and supplied with self-closing fireproof doors to protect the stage from drafts of air.

60. All stage scenery, curtains and decorations made of combustible material, and

all other combustible material on or about the stage shall be painted or saturated with some non-combustible material, or otherwise rendered safe against fire.

61. There shall be one or more ventilators, constructed of metal or other incombustible material, near the centre and above the highest part of the stage of every building or part of building referred to in paragraph 1 of this section, raised above the stage roof, and of a combined horizontal sectional area equal to at least 10 per cent. of the floor area within the stage walls. The openings in such ventilators shall have an aggregate sectional area at least equal to that required for the ventilators. Detailed drawings showing the construction and operation of the covers for the ventilators shall be approved by the Superintendent before construction is begun, and the entire equipment shall conform to the following requirements:

The covers shall be fitted with approved links of the thinnest metal practicable and the construction shall be such that when they are released by the fusing of the link the force of gravity shall cause them to open with certainty. Approved means shall be provided to prevent any failure to operate because of the effects of neglect, rust, dirt, frost, snow, expansion or contraction or of deformation of any part. The link and cord shall hold the covers closed against a force of at least thirty pounds excess counterweight tending to open the cover. Fusible links shall be placed in the ventilator above the roof line and at least in two other points in each controlling cord. No automatic sprinkler heads shall be placed in the ventilator space above the roof line. Each ventilator cover shall be operated daily by use of one of the cords.

62. If a skylight is placed in the roof, it shall be protected underneath by wire netting. Glass, if used in ventilators, must be protected from falling on the stage. A wire screen, if used under the glass, must be so placed that if clogged it cannot reduce the required vent area or interfere with the operative mechanism, or obstruct the distribution of water from the automatic sprinklers.

63. Actors' dressing rooms shall not be placed on or under the stage, nor in nor under the auditorium. They shall be placed in a separate section provided for that purpose. No dressing room ceiling shall be less than four feet six inches above the level of street or court adjoining.

64. The walls separating said section containing the dressing rooms from the stage or auditorium shall be of brick or concrete not less than eight inches in thickness, and each opening therein shall be protected with a self-closing fire door. The partitions dividing the dressing rooms, together with the partitions of every passageway from the same to the stage shall be constructed in accordance with section 106. All doorways in any of said partitions shall be protected by self-closing fireproof doors. All dressing rooms shall be ventilated by wired glass windows in metal frames to a street or to a court not less than twenty-four square feet in area.

65. All shelving and cupboards in every dressing room, property room or other storage rooms, shall be of incombustible material.

66. Every steam boiler shall be located outside of the buildings, either under the sidewalk or in an extension, but in no case under or within any portion of the building, and the space allotted to the same shall be enclosed by fire walls, and the ceiling of such space shall be of fireproof construction, and shall be provided with automatic fireproof doors.

67. No floor register for heating, ventilating or other purposes shall be permitted in aisles, corridors or passageways.

68. All blowers used to circulate air through heating or ventilating pipes with openings to the auditorium shall be provided with a device to stop the blower automatically in case of fire. Fusible links for this purpose shall be located near the blower, both inside and outside the pipe leading to openings in the auditorium.

69. No coil, radiator or pipe shall be placed so as to obstruct any aisle or passageway. Any exposed radiator or coil shall be guarded.

70. The stage section and every portion of the building devoted to the uses or accommodation of the public also all outlets leading to streets, including the open courts and corridors, shall be well and properly lighted during every performance, and until the entire audience has left the premises.

71. Where electric current from two separate street mains is available, two separate and distinct services shall be installed; one service shall be of sufficient capacity to supply current for the entire equipment of theatre while the other service shall be at least of sufficient capacity to supply current for all emergency lights, including the exit lights or signs, and all lights in outside courts, lobbies, stairways, corridors and other portions of theatre to which the public has access and which are normally kept lighted during the performance. Where only one supply from a street main is available the feed connection used exclusively for such emergency lights shall be taken from a point on the street side of the main service fuses. Where the source of supply is an isolated plant, within same building, an auxiliary service of at least sufficient capacity to supply all emergency lights shall be installed from some outside source, or from a suitable storage battery within the premises.

72. All "emergency lights" shall be controlled by a special switch located in the lobby and accessible only to authorized persons.

73. The stage switchboard shall have a metal hood over the top, running full length of the board and fully protecting it from anything falling from above.

74. Only electric light shall be used in the auditorium and stage sections, except that gas burners not larger than one foot burners may be used in dressing rooms. There shall be soldered to the fixtures strong metal wire guards or screens not less than ten inches in diameter so constructed that any material in contact therewith shall be out of reach of the flames. There may be gas outlet at each end of the foot-light trough of sufficient size to accommodate three five-foot burners. These lights shall be protected by wire guards, as provided for dressing room jets.

75. A standard wet pipe system of approved automatic sprinklers shall be installed throughout the theatre, except in the auditorium, foyers, lobbies, passages and unused fireproof spaces above the auditorium, space over dynamos and switchboards, and above roof line in stage ventilators. A complete equipment of standpipes and hose connections shall also be provided, and this and the sprinkler equipment shall conform to the requirements of the Fire Commissioner.

#### Section 121.

##### Elevators and Escalators.

1. All elevators now in use, or that may hereafter be constructed, for the use of passengers or freight, shall have placed thereon or attached thereto, an approved automatic safety device which shall hold immovable and secure the carriage while any door to the elevator enclosure is open and unlatched; such automatic device, whether of electrical or mechanical design, shall place the power of operating the carriage beyond the control of the attendant, while such door is open and unlatched.

2. All existing elevators used for passenger or freight service shall within six months after this code is enacted be provided with automatic safety devices as required in this section for new elevators.

3. An approved emergency switch or a mechanical control may be placed in an elevator carriage to allow the same to be operated independently of the automatic safety device; and provided such emergency switch or mechanical control can be operated only during the application of constant pressure from the attendant's hand. It shall be a violation of this Code to make use of such emergency switch or mechanical control, excepting in cases of emergency and for making repairs to the elevator system.

4. All openings in sidewalks for elevators shall be provided with substantial metal guards or gates, at least three feet in height, to enclose the entire opening when doors are open.

5. Every escalator or moving stairway shall be provided with a switch or a mechanical control, to disconnect the power operating the same; such switch or mechanical control shall be placed in a conspicuous place, at the top and bottom of each run, to be sealed in a metal box with a glass cover, with a clearly painted sign marked, "In case of fire pull this switch."

6. Elevators and escalators, both public and private, shall be erected, installed and maintained as required by the rules and regulations of the Superintendent, as required in section 2, and shall be subject to such tests as the Superintendent may require.

7. Repairs to elevators, escalators and similar devices may be made without the filing and approval of drawings and descriptions in the Bureau of Buildings, but such repairs shall not be construed to include the changing of the type or make of elevator or power.

8. Accidents, affecting life or limb, occurring in or about any portion of any elevator or escalator system, shall be reported to the Superintendent, in writing, immediately after occurrence, by the owner of the building in which such accident has taken place, or his representative.

No parts shall be removed from, or repairs made to any portion of any elevator or escalator system upon which an accident, affecting life or limb, has occurred, until permission to do so is granted in writing by the Superintendent.

No elevator or escalator system upon or in which an accident, affecting life or limb, has taken place, shall be operated after the occurrence of such accident until permission to again start the same in operation is given in writing by the Superintendent.

The Superintendent shall be furnished with a full and complete report in writing of all accidents occurring upon any elevator or escalator system, by the owner of the building in which an accident has taken place, or his representatives.

## Section 122.

*Plumbing, Drainage and Gas Piping.*

1. The plumbing, drainage and gas piping of all buildings, both public and private, shall be installed under the supervision of the Superintendent, in accordance with the rules and regulations, as required in section 2.

2. Every building hereafter erected and all factories, hotels, churches, theatres, schools and other buildings of a public character heretofore erected, in which gas or steam is used for lighting or heating, shall have provided on the piping an approved automatic and manual stopcock, valve or other appliance by means of which the flow of gas or steam can be shut off in case of fire or accident.

3. Repairs or alterations of plumbing or drainage may be made without filing drawings and descriptions, but such repairs or alterations shall not be construed to include cases where new vertical lines or horizontal branches of soil, waste, vent, or leader pipes are proposed to be used. Notice of such repairs or alterations shall be given to the Superintendent before the same are commenced, as prescribed by the rules and regulations, and the work shall be done in accordance with said rules and regulations. No repairs or alterations shall be made or caused to be made by any person other than a duly licensed and registered plumber.

## Section 123.

*Registration of Plumbers.*

1. Once in each year every employing or master plumber carrying on his trade, business or calling in The City of New York shall register his name and address at the office of The Bureau of Buildings in the Borough of the said City in which he performs work, under such rules and regulations as the said Bureau prescribes.

2. After this Code takes effect, no person, corporation or copartnership shall engage in or carry on the trade, business or calling of employing or master plumber in the City of New York, unless the name and address of such person and the president, secretary or treasurer of such corporation and each and every member of such copartnership shall have been registered as above provided.

## Section 124.

*Fences, Signs, Billboards and Sky Signs.*

1. Fences, signs or billboards within the fire limits shall be constructed of metal, except the uprights, supports, braces and ornamental mouldings for same. When the height of any fence, sign or billboard above curb is not more than ten feet, it may be constructed of wood.

2. Any letter, word, model, sign, device or representation in the nature of an advertisement, announcement or direction, supported or attached, wholly or in part, over or above any wall, building or structure, shall be deemed to be a sky-sign. Sky-signs shall be constructed entirely of metal, including the uprights, supports and braces for same. Such signs when placed on or over non-fireproof buildings shall not rest on any wood construction, and shall be independently supported on metal supports or masonry.

3. All fences, signs, billboards and sky-signs shall be erected entirely within the building line, except during the construction or alteration of a building, and be properly secured, supported and braced, and shall be so constructed as not to be or become dangerous.

4. Before the erection of any fence, sign, billboard or sky-sign shall have been commenced, a permit for the erection of the same shall be obtained from the Superintendent having jurisdiction, as provided in section 5. Each application for the erection of any fence, sign, billboard or sky-sign, shall be accompanied by a written consent of the owner or owners, or the lessee or lessees of the property upon which it is to be erected.

5. No other structure may be placed, erected, maintained or occupied upon or over the roof of any building except as provided in sections 35, 36 and 37. Whenever any structure on the roof of a building shall be erected or maintained in violation of the provisions of this code, the Superintendent shall order the same removed. In case the owner or lessee shall neglect or refuse to remove or cause the same to be removed within ten days from the service of a notice so to do, the said Superintendent of Buildings shall have power, and it shall be his duty, to immediately remove such fence, sign, billboard or structure, and the expense of such removal by the Superintendent of Buildings shall be a first lien upon the property.

## Section 125.

*Electric Signs.*

1. Any letter, word, model, sign, device or representation used in the nature of an advertisement, announcement or direction illuminated by electricity, erected on any building in The City of New York, and extending beyond the building line, shall be deemed to be an electric sign.

2. Electric signs are permitted in The City of New York and the City Clerk is empowered to issue licenses therefor under the following terms and conditions, to wit:

A—Upon the payment by the applicant of an annual license fee of 10 cents for each square foot of sign space or part of square foot of such sign space displayed on such electric sign, to be computed and collected by the City Clerk of The City of New York. The square feet of sign space on one side of an electric sign, however, shall be deemed to be the entire number of square feet of sign space for the purpose of computing the license fee herein referred to and required to be paid.

B—That no electric sign shall extend more than 8 feet from the building line in The City of New York.

C—That no electric sign shall be less than 10 feet in the clear above the level of the sidewalk beneath such sign.

D—That electric signs shall be constructed entirely of metal or other incombustible material, except the insulation thereof, including the uprights, supports and braces for the same, and shall be properly and firmly attached to the building, and shall be so constructed as not to be or become dangerous.

E—That no electric sign shall be so erected as to obstruct or prevent free ingress and egress to any window or fire escape of any building in The City of New York.

F—That prior to the erection of any electric sign in The City of New York, a license therefor must be obtained from the Clerk of The City of New York, and before the issuance of any license herein by said City Clerk for the said electric sign, the applicant shall first file with the Superintendent of the Borough wherein the said electric sign is to be erected, plans and statements of the proposed electric sign and method of attachment of same to the building duly verified and executed in triplicate on appropriate blanks to be furnished by the said Superintendent of Buildings and such structural drawings as the said Superintendent of Buildings may require. The applicant shall also set forth the full name, residence, and business address of the owner of the building upon which the said electric sign is to be erected, the name and address of the party erecting the said electric sign, and state his authority so to do.

Upon compliance by the applicant with the above conditions the Superintendent is authorized to issue a certificate of approval as to the sufficiency of the construction and method of attachment of the proposed electric sign to such building. All approvals of applications, plans, drawings and amendments thereto shall expire by limitation six months from the date of same unless a license is procured within said period. In addition a certificate must also be procured from the Department of Water Supply, Gas and Electricity certifying that the electric wiring and electric appliances of the proposed electric sign are in conformity with the rules and regulations of that Department.

G—A license issued hereunder upon the expiration thereof or within thirty days thereafter must be renewed; and upon the payment by the applicant of the license fee and the surrender of the old license, accompanied by satisfactory proof in the form of an affidavit that the electric sign is the same as when originally licensed and that the wiring of the same is in good condition, the City Clerk may license the said sign for another year.

3. The Superintendent shall not give any certificate nor shall the City Clerk issue any license for the erection of any electric sign or signs on any building in The City of New York when such building adjoins a building used exclusively as a private residence, unless the applicant first obtain the written consent of the owner or owners of said private residence for the erection of the proposed electric sign.

4. No electric sign shall be erected on any building in The City of New York, except as in this ordinance provided, under a penalty of one hundred dollars

for each offense. No electric sign shall be maintained in The City of New York contrary to the provisions of this ordinance under a penalty of ten dollars for each day or part of a day the same shall be so maintained.

## Section 126.

*Violations and Penalties.*

1. The owner or owners of any building, structure or part thereof, or wall, or any platform, staging or flooring to be used for standing or seating purposes where any violation of this Code shall be placed, or shall exist, and any architect, builder, plumber, carpenter or mason who may be employed or assist in the commission of any such violation, and any and all persons who shall violate any of the provisions of this Code or fail to comply therewith, or any requirement thereof, or who shall violate or fail to comply with, any order or regulation made thereunder, or who shall build in violation of any detailed statement of specifications or plans, submitted and approved thereunder, or of any certificate or permit issued thereunder, shall severally, for each and every such violation and non-compliance, respectively, forfeit and pay a penalty in the sum of fifty dollars. Except that any such person who shall violate any of the provisions of this Code, as to the construction of chimneys, fire-places, flues, hot-air pipes and furnaces, or who shall violate any of the provisions of this Code, with reference to the framing or trimming of timbers, girders, beams, or other woodwork in proximity to chimney flues or fire-places, shall forfeit and pay a penalty, in the sum of one hundred dollars. But if any said violation shall be removed or be in process of removal within ten days after the service of a notice as hereinafter prescribed, the liability of such a penalty shall cease, and the Corporation Counsel, on request of the Superintendent having jurisdiction, shall discontinue any action pending to recover the same, upon such removal or the completion thereof within a reasonable time. Any and all of the afore-mentioned persons who having been served with a notice as hereinafter prescribed, to remove any violation, or comply with any requirement of this Code, or with any order or regulation made thereunder, shall fail to comply with said notice within ten days after such service or shall continue to violate any requirement of this Code in the respect named in said notice, shall pay a penalty of two hundred and fifty dollars. For the recovery of any said penalty or penalties an action may be brought in any municipal court, or court of record, in said city in the name of The City of New York; and whenever any judgment shall be rendered therefor, the same shall be collected and enforced, as prescribed and directed by the Code of Civil Procedure of the State of New York. The Superintendent having jurisdiction, through the Corporation Counsel, is hereby authorized, in his discretion, good and sufficient cause being shown therefor, to remit any fine or fines, penalty or penalties, which any person or persons may have incurred, or may hereafter incur, under any of the provisions of this Code; but no fine or penalty shall be remitted for any such violation until the violation shall have been removed. Said remission shall also operate as the remission of the costs obtained in such action.

## Section 127.

*Courts Having Jurisdiction.*

All courts of civil jurisdiction in The City of New York shall have cognizance of and jurisdiction over any and all suits and proceedings by this Code authorized to be brought for the recovery of any penalty and the enforcement of any of the several provisions of this Code, and shall give preference to such suits and proceedings over all others, and no court shall lose jurisdiction of any action by reason of a plea that the title to real estate is involved, provided the object of the action is to recover a penalty for the violation of any of the provisions of this Code. The Corporation Counsel is authorized to institute any and all actions and proceedings either legal or equitable that may be appropriate or necessary for the enforcement of the provisions of this Code, and all civil courts in said city are hereby invested with full legal and equitable jurisdiction to hear, try and determine all such actions and proceedings, and to make appropriate orders and render judgment therein according to law, so as to give force and effect to the provisions of this Code. Whenever the Superintendent having jurisdiction is satisfied that any building or structure, or any portion thereof, or any drainage or plumbing, the erection, construction or alteration, execution or repair of which is regulated, permitted or forbidden by this Code, is being erected, constructed, altered or repaired, or has been erected, constructed, altered or repaired, in violation of, or not in compliance with, any of the provisions or requirements of this Code, or in violation of any detailed statement of specifications or plans submitted and approved thereunder, or of any certificate or permit issued thereunder, or that any provision or requirement of this Code, or any order or direction made thereunder has not been complied with, or that plans and specifications for plumbing and drainage have not been submitted or filed as required by this Code, the Superintendent having jurisdiction may in his discretion through the Corporation Counsel institute any appropriate action or proceeding, at law or in equity, to restrain, correct or remove such violation, or the execution of any work thereon, or to restrain or correct the erection or alteration of, or to require the removal of, or to prevent the occupation or use of, the building or structure erected, constructed or altered, in violation of, or not in compliance with any of the provisions of this Code, or with respect to which the requirements of this Code, or of any order or direction made pursuant to any provisions contained in this Code, shall not have been complied with. In any such action or proceeding The City of New York may, in the discretion of the Superintendent having jurisdiction and on his affidavit setting forth the facts, apply to any court of record in said city, or to a judge or justice thereof, for an order enjoining and restraining all persons from doing, or causing or permitting to be done, any work in or upon such building or structure, or in or upon such part thereof as may be designated in said affidavit, or from occupying or using said building or structure, or such portion thereof as may be designated in said affidavit for any purpose whatever, until the hearing and determination of said action and the entry of final judgment therein. The court, or judge or justice thereof, to whom such application is made, is hereby authorized forthwith to make any or all of the orders above specified, as may be required in such application, with or without notice, and to make such other or further orders or directions as may be necessary to render the same effectual. No officer of said Bureau of Buildings, acting in good faith and without malice, shall be liable for damages by reason of anything done in any such action or proceeding. No undertaking shall be required as a condition to the granting or issuing of such injunction order, or by reason thereof. All courts in which any suit or proceeding is instituted under this Code, shall upon the rendition of a verdict, report of a referee, or decision of a judge or justice, render judgment in accordance therewith; and the said judgment so rendered shall be and become a lien upon the premises named in the complaint in any such action, to date from the time of filing in a County Clerk's office in The City of New York, where the property affected by such action, suit, or proceeding, is located, of a notice of lis pendens therein; which lien may be enforced against said property, in every respect, notwithstanding the same may be transferred subsequent to the filing of the said notice. Said notice of lis pendens shall consist of a copy of the notice issued by the Superintendent having jurisdiction requiring the removal of the violation and a notice of the suit or proceedings instituted, or to be instituted thereon, and said notice of lis pendens may be filed at any time after the service of the notice issued by the Superintendent, as aforesaid, provided he may deem the same to be necessary, or is satisfied that the owner of the property is about to transfer the same to avoid responsibility for having violated the provisions of this Code or some one of its provisions. Any notice of lis pendens filed pursuant to the provisions of this Code may be vacated and canceled of record upon an order of a judge or justice of the court in which such suit or proceeding was instituted or is pending, or upon the consent in writing of the Corporation Counsel, and the clerk of the said county where such notice is filed, is hereby directed and required to mark any such notice of lis pendens and any record or docket thereof as vacated and canceled of record, upon the presentation and filing of a certified copy of an order as aforesaid, or of the consent, in writing, of said Corporation Counsel. In no case shall the said Bureau of Buildings, or any officer thereof, or the corporation of The City of New York, or any defendant, be liable for costs in any action, suit or proceedings that may have been, or may hereafter be, instituted or commenced in pursuance of this Code, unless specially ordered and allowed against any defendant or defendants, by a court or justice, in the course of such action, suit or proceeding.

## Section 128.

*Notice of Violations of Code; Service of Papers.*

All notices of the violation of any of the provisions of this Code, and all notices directing anything to be done, required by this Code, and all other notices that may be required or authorized to be issued thereunder, including notice that any building, structure, premises, or any part thereof, are deemed unsafe or dangerous, shall be issued by the Superintendent having jurisdiction, and shall have his name affixed thereto, and may be served by any officer or employee of the Bureau of Buildings

or by any person authorized by the said Bureau. All such notices, and any notice or order issued by any court in any proceeding instituted pursuant to this Code to restrain or remove any violation, or to enforce compliance with any provision or requirement of this Code, may be served by delivering to and leaving a copy of the same with any person or persons violating, or who may be liable under any of the several provisions of this Code, or to whom the same may be addressed, and if such person or persons cannot be found after diligent search shall have been made for him or them, then such notice or order may be served by posting the same in a conspicuous place upon the premises where such violation is alleged to have been placed or to exist, or to which such notice or order may refer, or which may be deemed unsafe or dangerous, which shall be equivalent to a personal service of said notice or order upon all parties for whom such search shall have been made. Such notice or order shall contain a description of the building, premises or property on which such violation shall have been put or may exist, or which may be deemed unsafe or dangerous, or to which such notice or order may refer. If the person or persons or any of them, to whom said notice or order is addressed, do not reside in the State of New York, and have no known place of business therein, the same may be served by delivering to and leaving with such person or persons, or either of them, a copy of said notice or order, or if said person or persons cannot be found within said State after diligent search, then by posting a copy of the same in manner as aforesaid and depositing a copy thereof in a post-office in The City of New York, inclosed in a sealed wrapper addressed to said person or persons at his or their last known place of residence, with the postage paid thereon; and said posting and mailing of a copy of said notice or order shall be equivalent to personal service of said notice or order.

## Section 129.

## Unsafe Buildings.

Any building or buildings, part or parts of a building, staging or other structure in The City of New York, that from any cause may now be, or shall at any time hereafter become dangerous or unsafe, may be taken down and removed, or made safe and secure, in the manner following: Immediately upon such unsafe or dangerous building or building, or part or parts of a building, staging or structure being so reported by any of the officers of said Department of Buildings, the same shall be immediately entered upon a docket of unsafe buildings to be kept by the Superintendent of Buildings having jurisdiction; and the owner, or some one of the owners, executors, administrators, agents, lessees or any other person or persons who may have a vested or contingent interest in the same, may be served with a printed or written notice containing a description of the premises or structure deemed unsafe or dangerous, requiring the same to be made safe and secure, or removed, as the same may be deemed necessary by the Superintendent having jurisdiction, which said notice shall require the person or persons thus served to immediately certify to the said Superintendent his or their assent or refusal to secure or remove the same.

## Section 130.

## Surveys on Unsafe Buildings.

If the person or persons so served with notice shall immediately certify his or their assent to the securing or removal of said unsafe or dangerous building, premises or structure, he or they shall be allowed until one o'clock p. m. of the day following the service of such notice, in which to commence the securing or removal of the same; and he or they shall employ sufficient labor and assistance to secure or remove the same as expeditiously as the same can be done; but upon his or their refusal or neglect to comply with any of the requirements of said notice so served a further notice shall be served upon the person or persons heretofore named, and in the manner heretofore prescribed, notifying him or them that a survey of the premises named in the said notice will be made at the time and place therein named, which time may not be less than twenty-four hours nor more than three days from the time of the service of said notice, by three competent persons, one of whom shall be the Superintendent having jurisdiction, or an Inspector, designated in writing by said Superintendent, another of whom shall be an architect, appointed by the New York Chapter of the American Institute of Architects for the Boroughs of Manhattan, The Bronx and Richmond, and by the Brooklyn Chapter of the American Institute of Architects for the Boroughs of Brooklyn and Queens, depending upon the borough or boroughs in which the property is located, another of whom shall be appointed by the person or persons thus notified, and who shall be a practical builder or architect, upon whose neglect or refusal to appoint such surveyor, however, the said other two surveyors may make such survey; and in case of a disagreement of the latter, they shall appoint a third person to take part in such survey, who shall also be a practical builder or architect of at least ten years' practice, and the decision of the said surveyor shall be final; and that in case the said premises shall be reported unsafe or dangerous under such survey, the said report will be placed before a court therein named having jurisdiction to the extent of \$1,000, and that a trial upon the allegations and statements contained in said report, be the report of said surveyors more or less than is contained in the said notice of survey, will be had before said court, at a time and place therein named, to determine whether said unsafe or dangerous building or premises shall be repaired and secured or taken down and removed; and a report of such survey, reduced to writing, shall constitute the issue to be placed before the court for trial. A copy of said report of survey shall be posted on the building by the persons holding the survey, immediately on their signing the same. The architect appointed by the Chapters of the American Institute of Architects as hereinbefore provided who may act on any survey called in accordance with the provisions of this Code, shall be entitled to, and receive the sum of twenty-five dollars, to be paid by the Comptroller upon the voucher of the Superintendent. And a cause of action is hereby created for the benefit of The City of New York against the owner or owners of said building, staging or structure, and of the lot or parcel of land on which the same is situated, for the amount so paid with interest, which shall be prosecuted in the name of The City of New York, by the Corporation Counsel. The amount so collected shall be paid over to the Comptroller in reimbursement of the amounts paid by him as aforesaid.

## Section 131.

## Court Proceedings.

Whenever the report of any such survey, had as aforesaid, shall recite that the building, premises or structure thus surveyed is unsafe or dangerous, the Corporation Counsel of The City of New York shall at the time in the said notice named, place said notice and report before the judge or justice holding a special term of the Court, in the said notice named, which said judge or justice shall immediately proceed to obtain and impanel a jury, and to the trial of said issue before said jury, whose verdict shall be exclusive and final, and shall try said issue without adjournment, except as may be necessary from day to day, giving precedence to the trial of this issue over every other business, and said judge or justice shall have power to impanel a jury, for that purpose from any jurors in attendance upon said court, or in case sufficient jurors shall not be in attendance, then from any jurors that may be summoned for that purpose; and said judge or justice shall have power to summon jurors for that purpose; and any such suit or proceeding commenced before a judge or justice may be continued before another judge or justice of the same court; a jury trial may be waived by the default of the defendant or defendants to appear at the time and place named in the said notice, or by agreement, and in such case the trial may be by court, judge, justice, or referee, whose report or decision in the matter shall be final; and upon the rendition of a verdict or decision of the court, judge, justice, or referee, if the said verdict or decision shall find the said building, premises or structure to be unsafe or dangerous, the judge or justice trying said cause, or to whom the report of the referee trying said cause shall be presented, shall immediately issue a precept out of said court, directed to the Superintendent having jurisdiction, reciting said verdict or decision, and commanding him forthwith to repair and secure or take down or remove, as the case may be, in accordance with said verdict or decision, said unsafe or dangerous building, buildings, part or parts thereof, staging, structure or other premises that shall have been named in the said report; and said Superintendent shall immediately thereupon proceed to execute said precept as therein directed, and may employ such labor and assistance and furnish such materials as may be necessary for that purpose, and after having done so, said Superintendent shall make return of said precept with an endorsement of the action thereunder and the cost and expenses thereby incurred, to the judge or justice then holding the said special term of the said court, and thereupon said judge or justice shall tax and adjust the amount indorsed upon said precept, and shall adjust and allow disbursements of said proceeding, together with the preliminary expenses of searches and surveys, which shall be inserted in the judgment in said action or proceeding, and shall render judgment for such amount, and for the sale of the said premises in the said notice named, together with all the right, title and interest that the person or persons, or either of them, named in the said notice had in the lot, ground or land

upon which the said building or structure was placed, at the time of the filing of a notice of lis pendens in the said proceedings, or at the time of the entry of judgment therein to satisfy the same, which shall be in the same manner and with like effect as sale under judgment in foreclosure of mortgages; and in and about all preliminary proceedings, as well as the carrying into effect any order of the Court or any precept issued by any court, said Superintendent may make requisition upon the Comptroller of The City of New York for such amount or amounts of money as shall be necessary to meet the expenses thereof, and upon the same being approved by any judge or justice of the court from which the said order or precept was issued and presented to said Comptroller, he shall pay the same, and for that purpose shall borrow and raise, upon revenue bonds, to be issued as provided in section 188 of the Greater New York Charter, the several amounts that may from time to time be required, which shall be reimbursed by the payment of the amount and interest at six per cent. out of the judgment or judgments obtained as aforesaid, if the same shall be collected. In case said issue shall not be tried at the time specified in said notice, or to which the trial may be adjourned, the same may be brought to trial at any time thereafter by the said Superintendent, without a new survey, upon not less than three days' notice of trial to the person or persons upon whom the original notice was served, or to his or their attorney, which notice of trial may be served in the same manner as said original notice. The notice of lis pendens provided for in this section shall consist of a copy of said notice of survey, and shall be filed in the office of a County Clerk in The City of New York, in the county where the property affected by such action, suit or proceeding is located. Provided, nevertheless, that immediately upon the issuing of said precept, the owner or owners of said building, staging or structure, or premises, or any party interested therein, upon application to the Superintendent, shall be allowed to perform the requirements of said precept at his or their own proper cost and expense, provided the same shall be done immediately and in accordance with the requirements of said precept, upon the payment of all costs and expenses incurred up to that time, and provided, further, that the Superintendent having jurisdiction shall have authority to modify the requirements of said precept upon application to him therefor, in writing, by the owner or owners of said buildings, staging or structure, or his or their representative, when he shall be satisfied that such change shall secure equally well the safety of said building, staging or structure.

## Section 132.

## Application for Order to Remove Violations and to Vacate Buildings.

In case any notice or direction authorized to be issued by this Code is not complied with within the time designated in said notice, The City of New York by the Corporation Counsel may, at the request of the Superintendent having jurisdiction, apply to the Supreme Court of New York, at a special term thereof, for an order directing said Superintendent to proceed to make the alterations or remove the violation or violations, as the same may be specified in said notice or direction. Whenever any notice or direction so authorized shall have been served as directed in this Code, and the same shall not have been complied with within the time designated therein, the Corporation Counsel may, at the request of the Superintendent having jurisdiction, in addition to, or in lieu of the remedy last above provided, apply to the Supreme Court of New York, at a special term thereof, for an order directing the said Superintendent to vacate such building or premises, or so much thereof as said Superintendent may deem necessary, and prohibiting the same to be used or occupied for any purpose specified in said order until such notice shall have been complied with. The expenses and disbursements incurred in the carrying out of any said order or orders, shall become a lien upon said building or premises named in the said notice, from the time of filing of a copy of the said notice, with a notice of the pendency of the action or proceeding as provided in this Code, taken thereunder, in the office of the Clerk of the County where the property affected by such action, suit or proceeding is located; and the said Supreme Court, or a judge or justice thereof, to whom application shall be made, is hereby authorized and directed to grant any of the orders above named, and to take such proceedings as shall be necessary to make the same effectual, and any said judge or justice to whom application shall be made is hereby authorized and directed to enforce such lien in accordance with the mechanics' lien laws applicable to The City of New York; and in case any of the notices herein mentioned shall be served upon any lessee or party in possession of the building or premises therein described, it shall be the duty of the person upon whom such service is made to give immediate notices to the owner or agent of said building named in the notice, if the same shall be known to the said person personally, if such person shall be within the limits of The City of New York, and his residence known to such person, and if not within said city, then by depositing a copy of said notice in any post-office in The City of New York, properly inclosed and addressed to such owner or agent at his then place of residence, if known, and by paying the postage thereon; and in case any lessee or party in possession shall neglect or refuse to give such notice as herein provided, he shall be personally liable to the owner or owners of said building or premises for all damages he or they shall sustain by reason thereof.

## Section 133.

## Recovery of Bodies Under Fallen Buildings.

In case of the falling of any building or part thereof in The City of New York, where persons are known or believed to be buried under the ruins thereof, it shall be the duty of the Fire Department to cause an examination of the premises to be made for the recovery of the bodies of the killed and injured. Whenever, in making such examination, it shall be necessary to remove from the premises any debris, it shall be the duty of the Commissioners of the Department of Docks, of the Department of Parks, of the Department of Highways, and of the Department of Street Cleaning, when called upon by the Superintendent, to co-operate, to provide a suitable and convenient dumping place for the deposit of such debris. In case there shall be in the opinion of the Superintendent, actual and immediate danger of the falling of any building or part thereof so as to endanger life or property, said Superintendent shall cause the necessary work to be done to render said building or part thereof temporarily safe until the proper proceedings can be taken as in the case of an unsafe building as provided for in this Code. The Superintendent is hereby authorized and empowered in such cases, and also where any building or part thereof has fallen, and life is endangered by the occupation thereof, to order and require the inmates and occupants of such building or part thereof to vacate the same forthwith, and said Superintendent may, when necessary for the public safety, temporarily close the sidewalks and streets adjacent to such building or part thereof, and prohibit the same from being used, and the Police Department, when called upon by the said Superintendent to co-operate, shall enforce such orders or requirements. For the aforesaid purposes the said Fire Department, or the Bureau, as the case may be, shall employ such laborers and materials as may be necessary to perform said work as speedily as possible.

## Section 134.

## Imprisonment for Violations.

Any person violating any of the provisions of this code may be fined for such offense in a sum not exceeding two hundred fifty dollars, or by imprisonment by a term not exceeding three months, or by both.

## Section 135.

## Existing Actions and Liabilities and Rights Accrued.

Nothing in this code contained shall be construed to affect any action or proceeding now pending in any court, nor any rights accrued, or liability incurred, nor any cause or causes of action accrued or existing under any acts or ordinances repealed hereby. Nor shall any right or remedy of any character existing or accrued be lost, impaired or affected by this code, and a building, an application for permission to construct or alter, which, with plans and detailed drawings shall have been filed in good faith in the Bureau of Buildings, prior to the date when this Code shall take effect; or in case the building be such that the plans and detailed drawings shall be required to be approved by the Tenement House Department, after such specifications, plans and detailed drawings shall have been filed in good faith in said Tenement House Department, prior to the date when this shall take effect, or altered in requirements of law in force at that time, provided always that the construction or alteration of such building be commenced within one year after the specifications, plans and detailed drawings are approved by the Superintendent, and is prosecuted with reasonable continuity to the satisfaction of the Superintendent.

## Section 136.

## Tenement House Law Not Affected by This Code.

1. Wherever the provisions of this code are in conflict, either direct or implied, with the provisions of the Tenement House Law, chapter 99, of the Laws of 1909, as amended, the provisions of the Tenement House Law shall govern.  
2. Nothing contained in this Code shall be deemed to repeal, amend or abrogate, or modify in any way, the provisions of the Tenement House Law.

## Section 137.

## Fund for Use and Benefit of the Department of Buildings.

The Corporation Counsel shall sue for and collect all penalties and take charge of and conduct all legal proceedings imposed or provided for by this Code; and all suits or proceedings instituted for the enforcement of any of the several provisions of the preceding sections of this Code or for the recovery of any penalty thereunder shall be brought in the name of The City of New York, by the Corporation Counsel, to whom all notices of violation shall be returned for prosecution, and it shall be his duty to take charge of the prosecution of all such suits or proceedings, collect and receive all moneys that may be collected upon judgments, suits or proceedings so instituted, or which may be paid by any parties who have violated any of the provisions of this Code and upon settlement of judgment and removal of violations thereunder, execute satisfaction therefor. He shall on the first day of each and every month render to each Superintendent an account of and pay over to the Superintendent having jurisdiction, the amount of such penalties and costs received by him together with his bill for all necessary disbursements incurred or paid in said suits, keeping a separate account for each Superintendent, and each Superintendent shall pay over monthly the amount of such penalties and costs so collected to the Comptroller of The City of New York as a fund for the use and benefit of the Bureau of Buildings for the purpose of paying any expense incurred by said Bureau, under section 133 of this Code, and also for the purpose of carrying into effect any order or precept issued by any court, or judge or justice thereof, in this Code named, to any Superintendent, and upon the requisition of the Superintendent having jurisdiction, said Comptroller shall pay such sum or sums as may be allowed and adjusted by any court of record, or a judge or justice thereof, for such purposes, as far as the same may be in his hands. A separate account shall be kept by the Comptroller of the moneys paid to him by each Superintendent, and no such moneys shall be paid for such purposes to any of said Superintendents except from the account of the funds received from him.

## Section 138.

## Repealing Provisions.

All Ordinances of the former Municipal and Public Corporations consolidated into The City of New York affecting or relating to the Construction, Alteration or removal of Building or other Structures, and all other Ordinances or parts thereof inconsistent herewith are hereby repealed.

## Section 139.

The provisions of this ordinance shall take effect sixty days after its enactment. Which was laid over.

Subsequently Alderman Dowling moved that this entire matter be recommitted to the Committee on Buildings for the purpose of holding a public hearing.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Bedell, Carberry, Cole, Coleman, Cunningham, Delaney, Devine, Dixon, Dowling, Downing, Donnelly, Dunn, Eagan, Fink, Gilmore, Grimm, Hannon, Kenney, Loos, McCann, McCourt, McGarry, McGrath, Martyn, Molen, Nugent, O'Connor, O'Rourke, Reardon, Schmidt, Smith, Stapleton, Velten, Wendel, White—35.

Negative—Aldermen Becker, Bolles, Boschen, Bosse, Brush, Curran, Diemer, Doherty, Dotzler, Dujat, Eichhorn, Folks, Gaynor, Hamilton, Herbst, Igstaedter, Lieberman, Marks, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, Pendry, Post, Pouker, Shipley, Stevenson, Weston, Wilmot, President Miller, by Thomas W. Whittle, Commissioner of Public Works; the Vice-Chairman—32.

Report of Committee on Finance—

## No. 4989.

The Committee on Finance, to which was referred on November 25, 1913 (Minutes, page 320), a request from the President of the Borough of Richmond for \$10,000 special revenue bonds for emergent storm repairs, Introductory No. 4989, respectfully

## REPORTS:

That having examined the subject, it believes the proposed allowance to be unnecessary at this time.

It, therefore, recommends that the request be placed on file.

HENRY H. CURRAN, ROBERT F. DOWNING, JOHN S. GAYNOR, C. AUGUSTUS POST, JOHN DIEMER, FRANCIS P. KENNEY, FRANK L. DOWLING, Committee on Finance.

Which was adopted.

## No. 4987.

The Committee on Finance, to which was referred on November 25, 1913 (Minutes, page 319), the annexed request from the Public Administrator of Kings County for \$300 special revenue bonds for premiums on official bonds, respectfully

## REPORTS:

That the details of this application are fully set forth in the letter of request. The committee is of the opinion that the City is liable for these disbursements, and 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 hundred dollars (\$300), the proceeds whereof to be used by the Public Administrator of Kings County for the purpose of reimbursing said official for premiums on official bonds for years 1912 and 1913.

HENRY H. CURRAN, ROBERT F. DOWNING, JOHN S. GAYNOR, C. AUGUSTUS POST, JOHN DIEMER, FRANCIS P. KENNEY, FRANK L. DOWLING, Committee on Finance.

Office of Public Administrator, Kings County, 44 Court St., Temple Bar Building, Brooklyn, N. Y., November 18, 1913.

Gentlemen—Request is hereby made for the issuance of sale of special revenue bonds of the amount of three hundred dollars to reimburse the undersigned for premiums paid on official bond as Public Administrator of Kings County for the years 1912 and 1913, amounting to one hundred and fifty dollars each. The period for which the premiums on bond were paid are from December 15, 1911, to December 15, 1912, and from December 15, 1912, to December 15, 1913.

Under a recent ruling, these items are payable by the Comptroller of The City of New York, but in our Budget allowance for the years indicated we had no funds from which to pay them and the undersigned personally advanced the money.

Very truly yours,

FRANK V. KELLY.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Gaynor, Gelbke, Gilmore, Grimm, Hamilton, Hannon, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Shipley, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot; President McAneny and the Vice-Chairman—60.

## No. 5087.

The Committee on Finance, to which was referred on December 9, 1913 (Minutes, page 489), the annexed resolution in favor of amending an issue of \$164,246.81 Corporate Stock for East Tuberculosis Infirmary, Blackwells Island, under jurisdiction of Department of Public Charities, respectfully

## REPORTS:

That this resolution covers a reduction of \$6,000 saved on this particular work, the amount obtained to be applied to the construction and equipment of a dormitory for female employees under same department, the appropriation for same being insufficient. The committee recommends that the accompanying resolution be adopted.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following amended resolution adopted by the Board of Estimate and Apportionment at a stated meeting held December 4, 1913:

Resolved, That, subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, as amended on November 7, 1912, December 19, 1912, and June 26, 1913, and concurred in by the Board of Aldermen on July 25, 1911, November 19, 1912, January 14, 1913, and July 15, 1913, respectively, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding one hundred and sixty-four thousand two hundred and forty-six dollars and eighty-one cents (\$164,246.81) to provide means for the erection, equipment and furnishing of an addition to East Tuberculosis Infirmary, Metropolitan Hospital, Blackwells Island, 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 amount read one hundred and fifty-eight thousand two hundred and forty-six dollars and eighty-one cents (\$158,246.81).

HENRY H. CURRAN, ROBERT F. DOWNING, JOHN S. GAYNOR, C. AUGUSTUS POST, JOHN DIEMER, FRANCIS P. KENNEY, FRANK L. DOWLING, Committee on Finance.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

## No. 5088.

The Committee on Finance, to which was referred on December 9, 1913 (Minutes, page 490), the annexed resolution in favor of amending an issue of \$50,000 Corporate Stock for a dormitory for female employees, City Hospital, Blackwell's Island, under jurisdiction of Department of Public Charities, respectfully

## REPORTS:

That this resolution contemplates the addition of \$6,000 to this account, saved by a corresponding reduction in another stock issue. The cause for this additional sum is bad foundation conditions discovered after construction had started.

The committee recommends that the accompanying resolution be adopted.

Resolved, That the Board of Aldermen hereby approves of and concurs in the following amended resolution adopted by the Board of Estimate and Apportionment at a stated meeting held December 4, 1913:

Resolved, That, subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding fifty thousand dollars (\$50,000) to provide means for the construction and equipment of a dormitory for female employees, City Hospital, Blackwells Island, 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 amount read fifty-six thousand dollars (\$56,000).

HENRY H. CURRAN, ROBERT F. DOWNING, JOHN S. GAYNOR, C. AUGUSTUS POST, JOHN DIEMER, FRANCIS P. KENNEY, FRANK L. DOWLING, Committee on Finance.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

Reports of Committee on Laws and Legislation—

## No. 4537.

The Committee on Laws and Legislation, to which was referred on September 23, 1913 (Minutes, page 418), the annexed ordinance in favor of Empowering the Police Department to test boilers and license operators thereof on vessels now under the jurisdiction of the United States Marine Department, introductory No. 4537, respectfully

## REPORTS:

That, having examined the subject, they believe the proposed ordinance to be desirable.

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

## SUBSTITUTE.

AN ORDINANCE to empower the Police Department of The City of New York to test certain boilers and to examine the operators thereof.

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

Section 1. All boilers in vessels now used on the waters in and around The City of New York not coming under the jurisdiction of the Marine Department of the United States Government are hereby placed under the jurisdiction of the Police Department of The City of New York, which is hereby authorized and empowered to test said boilers and examine the persons operating the same as to their qualifications as engineers. Such tests of boilers and the examination of persons operating the same shall be conducted in accordance with such provisions of the Greater New York Charter and Laws of the State of New York as are applicable to boilers operated on land; and no person shall act as an engineer or operate any boiler or boilers in any of the vessels herein mentioned unless he shall have a certificate of qualification therefor from practical engineers detailed as such by the said Police Department; such certificate to be countersigned by the officer in command of the sanitary company of said Department, as now required by said Charter and laws with reference to boilers operated on land and to the engineers operating the same.

Sec. 2. Any person violating any of the provisions of section 1 of this ordinance shall, upon conviction thereof, be subject to a fine of not more than one hundred dollars (\$100), or in default of payment of such fine to imprisonment in the City Prison for a term not to exceed thirty days.

Sec. 3. This ordinance shall take effect immediately.

## ORIGINAL.

AN ORDINANCE to empower the Police Department of The City of New York to test certain boilers and to examine the operators thereof.

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

Section 1. All boilers in vessels now used on the waters in and around The City of New York not coming under the jurisdiction of the Marine Department of the United States Government are hereby placed under the jurisdiction of the Police Department of The City of New York, which is hereby authorized and empowered to test said boilers and examine the persons operating the same as to their qualifications as engineers. Such tests of boilers and the examination of persons operating the same shall be conducted in accordance with such provisions of the Greater New York Charter and Laws of the State of New York as are applicable to boilers operated on land; and no person shall act as an engineer or to operate any boiler or boilers in any of the vessels herein mentioned unless he shall have a certificate of qualification therefor from practical engineers detailed as such by the said Police Department; such certificate to be countersigned by the officer in command of the sanitary company of said Department, as now required by said charter and laws with reference to boilers operated on land and to the engineers operating the same.

Section 2. Any person acting in violation of the provisions of this ordinance shall be guilty of a misdemeanor.

Section 3. All ordinances or parts of ordinances inconsistent or conflicting with the provisions of this ordinance are hereby repealed.

Section 4. This ordinance shall take effect immediately.

Note—The passage of this ordinance is asked for only in order to make effective the existing laws and ordinances on the subject. The present ordinance, adopted by

the Board April 7 and approved by the Mayor April 16, 1908, is no longer effective, and would not be at all applicable under the Home Rule Law.

COURTLANDT NICOLL, FRANK CUNNINGHAM, WM. D. BRUSH, DANIEL R. COLEMAN, SAMUEL MARKS, MAX S. LEVINE, WM. H. PENDRY, JOHN DIEMER, Committee on Laws and Legislation.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

No. 4780.

The Committee on Laws and Legislation, to which was referred on October 21, 1913 (Minutes, page 73), the annexed ordinance in favor of restricting traffic on Nassau st. during certain hours (Introductory No. 4780), respectfully

#### REPORTS:

That, having examined the subject, they believe the proposed ordinance to be desirable, because of the immense number of pedestrians using this narrow street during the luncheon period.

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

AN ORDINANCE relative to traffic regulation on Nassau st.

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

1. All vehicular traffic on Nassau st., in the Borough of Manhattan, between the hours of 12 o'clock noon and 2 o'clock in the afternoon, Sundays and legal holidays excepted, is hereby prohibited.

2. Nothing contained in section 1 shall apply to any of the following vehicles: Vehicles carrying United States mails, wagons, trucks and apparatus of the Fire Department, of the Police Department, of the Bureau of Buildings and of the military, emergency repair wagons of public service corporations, and ambulances, when in the performance of duty.

3. The Police Department of The City of New York shall make proper rules and regulations for the enforcement of the above ordinance.

4. This ordinance shall take effect ten days after its approval by the Mayor.

COURTLANDT NICOLL, SAMUEL MARKS, FRANK CUNNINGHAM, WM. BRUSH, JAMES HAMILTON, W. H. PENDRY, JOHN A. BOLLES, Committee on Laws and Legislation.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

Reports of Committee on Streets, Highways and Sewers—

Nos. 3479, 3480, 3481, 3487, 3527, 3563, 3766, 3804, 3835, 3986, 4118, 4272, 4289, 4294, 4313, 4333, 4340, 4410, 4452, 4547, 4593, 4708, 4732, 4750, 4791, 4835, and 4906.

The Committee on Streets, Highways and Sewers, to which was referred on various dates, 1913, certain documents known as Introductory Nos. 3479, 3480, 3481, 3487, 3527, 3563, 3766, 3804, 3835, 3986, 4118, 4272, 4273, 4289, 4294, 4313, 4333, 4340, 4410, 4452, 4547, 4593, 4708, 4732, 4750, 4791, 4835 and 4906, respectfully

#### REPORTS:

That, inasmuch as these papers require no further consideration, it recommends that the same be placed on file.

JESSE D. MOORE, W. A. SHIPLEY, GEO. M. O'CONNOR, JOHN H. BOSCHEN, MICHAEL STAPLETON, DANIEL R. COLEMAN, Committee on Streets, Highways and Sewers.

Which report was accepted.

No. 4412—(G. O. No. 627).

The Committee on Streets, Highways and Sewers, to which was referred on July 15, 1913 (Minutes, page 359), the annexed resolution in favor of changing the name of Boyd ave., Borough of Queens, to Dennington ave., respectfully

#### REPORTS:

That Alderman Shipley advocated this matter and presented the accompanying letters from property owners on the street in question, which is entirely within the limits of his district.

The Committee recommends that the said resolution be adopted.

Resolved, That the name of Boyd ave., 4th Ward, Borough of Queens, extending from Jamaica ave., to Forest Park, as established on Sections Nos. 111, 112 and 116 of the Final Maps, Borough of Queens, be and the same is hereby changed to and shall hereafter be known and designated as "Dennington ave." and the President of the Borough of Queens is hereby authorized and directed to make the necessary changes on the maps and records of The City of New York in accordance herewith.

JESSE D. MOORE, W. A. SHIPLEY, GEO. M. O'CONNOR, JOHN H. BOSCHEN, MICHAEL STAPLETON, DANIEL R. COLEMAN, Committee on Streets, Highways and Sewers.

December 11, 1913.

To Whom It May Concern:

For about nine years I have been a resident of Dennington ave., and do most earnestly request that no change be made in the name of said avenue.

There is not, so far as I am aware, any other street in Greater New York by the above name, and I can see no good reason for changing it, and I wish to emphatically protest against losing the name Dennington ave. Respectfully,

A. S. RANDALL, 7 Dennington ave., Woodhaven, Queens Borough.

Hon. WM. SHIPLEY:

Dear Sir—I was to have met some of the ladies from Dennington ave., but have been called to an obstetrical case. Four years ago we bought 66 Dennington ave. It was so called on the contract, also on the deed. Never heard of Boyd ave. until a few months ago, when the name Dennington was taken down and Boyd substituted. Everybody prefers the old name, perpetuating the name of an honored citizen.

Respectfully, SAMUEL EDEN, M. D.

Which was laid over.

No. 4416—(G. O. No. 628).

The Committee on Streets, Highways and Sewers, to which was referred on July 15, 1913 (Minutes, page 359), the annexed resolution in favor of changing the name of Oakley st., Borough of The Bronx, to Amethyst st., respectfully

#### REPORTS:

That, having examined the subject, it believes the proposed change to be advisable. The petition accompanying the resolution gives the reasons for the proposed change of name.

The Committee recommends that the said resolution be adopted.

Resolved, That the name of Oakley st. (a logical continuation of Amethyst st.), in the Borough of The Bronx, be and the same is hereby changed to and shall hereafter be known and designated as Amethyst st., and the President of the Borough is hereby authorized and requested to number the buildings on said thoroughfare in such manner and to such extent as may be necessary.

JESSE D. MOORE, W. A. SHIPLEY, GEO. M. O'CONNOR, JOHN H. BOSCHEN, MICHAEL STAPLETON, DANIEL R. COLEMAN, Committee on Streets, Highways and Sewers.

The North Van Nest Taxpayers' Association, Organized 1907, The Bronx, N. Y., July 5, 1913.

Hon. THOS. O'NEIL, Westchester, New York City:

Sir—The undersigned property owners of Oakley st., respectfully petition you to have the name of Oakley st., in Van Nest, changed to Amethyst st., for the following among other reasons:

(1) Oakley st. is remarkably hard for a stranger to locate, as it extends to neither White Plains ave. nor Morris Park ave., the two principal thoroughfares of this section—being only one block in length.

(2) To call it Unionport road is very misleading, conveying the impression that it is in or near Unionport.

(3) As Oakley st. runs into and is the logical continuation of Amethyst st., which

is well known to citizens and conductors generally, I ask that you have it changed accordingly, and oblige, Yours very truly,

THOS. J. LARKIN, 1920 Oakley st.; HUGH BRADY, 1910 Oakley st.; FRED. I. HOLDERMAN, 1916 Oakley st.; THOS. FLYNN, 203 Oakley ave.

Which was laid over.

No. 5046—(G. O. No. 629).

The Committee on Streets Highways and Sewers, to which was referred on December 2, 1913 (Minutes, page 478), the annexed resolution in favor of changing the name of Mount Vernon ave., The Bronx, to Van Cortlandt Park East, respectfully

#### REPORTS:

That, having examined the subject, it believes the proposed change to be advisable. Alderman Wilmot, within whose district this street lies, appeared before the Committee and stated that he had introduced this resolution at the request of the property owners on this highway.

The Committee recommends that the said resolution be adopted.

Resolved, That the name of Mount Vernon ave., running northerly from 233d st. to the City line, in the Borough of The Bronx, be and the same is hereby changed to and shall hereafter be known and designated as Van Cortlandt Park East, and the President of the Borough is hereby authorized and requested to note the change on the maps and records of The City of New York.

JESSE D. MOORE, W. A. SHIPLEY, GEO. M. O'CONNOR, JOHN H. BOSCHEN, MICHAEL STAPLETON, DANIEL R. COLEMAN, Committee on Streets, Highways and Sewers.

Which was laid over.

Reports of Committee on Salaries and Offices—

No. 5041.

The Committee on Salaries and Offices to which was referred on December 2, 1913 (Minutes, page 463), the annexed resolution in favor of fixing compensation of certain Janitors, Department of Education, respectfully

#### REPORTS:

That, having examined the subject, it believes the proposed changes to be necessary.

It therefore recommends that the accompanying resolution be adopted.

Whereas, The Board of Estimate and Apportionment adopted the following resolution at a stated meeting held November 26, 1913.

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, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, pending action by the Board of Education on the aforesaid report, 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 11, Brooklyn, per annum, less \$221.....	\$1,980 00
Janitor, Public School 69, Queens, per month.....	10 00
Janitor, Public School 70, Queens, per month.....	10 00
Janitor, Public School 53, Queens, per annum, less \$221.....	1,116 00
Janitor, Public School 49, Manhattan, per month.....	50 00
Janitor, Public School 98D, Manhattan, per month.....	60 00
Janitor, Public School 14, Richmond, per month.....	75 00
Janitor, Bushwick High School, Brooklyn, August 15, 1913, to September 27, 1913, per month.....	150 00
Janitor, Bushwick High School, from September 27, per month.....	1,500 00
Janitor, Public School 130, Manhattan, for care of sidewalk and lot adjoining school, per month.....	15 00
Janitor, Public School 2, Richmond, per month.....	50 00
Janitor, Public School 17, Annex, Brooklyn, per month.....	59 00
Janitor, Public School 49, Brooklyn, per annum, less \$221.....	1,356 00
Janitor, Public School 31, Brooklyn, per annum, less \$221.....	1,272 00
Janitor, Public School 41, Brooklyn, per annum, less \$221.....	1,476 00
Janitor, Training School for Teachers, Brooklyn, per annum.....	8,476 00
Janitor, Public School 101, Manhattan, per annum.....	3,852 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.

NILES R. BECKER, JAMES R. WESTON, MICHAEL CARBERRY, ROBERT H. BOSSE, F. H. STEVENSON, WM. D. BRUSH, Committee on Salaries and Offices.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

Nos. 5100 and 5103.

The Committee on Salaries and Offices, to which was referred on December 9, 1913 (Minutes, pages 512 and 513), the annexed resolutions in favor of appointing Jos. A. Gilmartin and Edward J. Moder as City Surveyors, respectfully

#### REPORTS:

That, these applicants having filed the customary references as to character and ability, it recommends that the accompanying substitute resolution be adopted.

#### SUBSTITUTE.

Resolved, That the following named persons be and they are hereby appointed City Surveyors:

Joseph A. Gilmartin, of Flushing, in the Borough of Queens.

Edward J. Moder, of 98 Summit ave., New Dorp, in the Borough of Richmond.

#### ORIGINAL.

Resolved, That Joseph A. Gilmartin, of Flushing, in the Borough of Queens, be and he is hereby appointed a City Surveyor.

#### ORIGINAL.

Resolved, That Edward J. Moder, of 98 Summit ave., New Dorp, in the Borough of Richmond, be and he is hereby appointed a City Surveyor.

NILES R. BECKER, JAMES R. WESTON, MICHAEL CARBERRY, ROBERT H. BOSSE, F. H. STEVENSON, WM. D. BRUSH, Committee on Salaries and Offices.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

#### SPECIAL ORDERS.

No. 277—(Int. No. 4934).

The Committee on Finance, to which was referred on November 18, 1913 (Minutes, page 258), the annexed request from the Commissioner of Street Cleaning for \$10,000 special revenue bonds for hire of trucks, horses and Drivers for collection of ashes, street sweepings and rubbish in the Borough of The Bronx, respectfully

#### REPORTS:

That, having thoroughly examined the subject, it believes an additional allowance is necessary for this purpose, but upon estimating the amount needed it calculates that the sum of \$5,500 will be entirely sufficient to supplement the budgetary grant for the year 1913.

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 five thousand five hundred dollars (\$5,500), the proceeds whereof to be used by the Department of Street Cleaning for the purpose of hiring trucks, horses and Drivers in the collection of ashes, street sweepings and rubbish in the Borough of The Bronx. All obligations contracted for hereunder to be incurred on or before December 31, 1913.

HENRY H. CURRAN, JOHN DIEMER, C. AUGUSTUS POST, ROBERT F. DOWNING, JOHN S. GAYNOR, FRANK L. DOWLING, FRANCIS P. KENNEY, Committee on Finance.

Department of Street Cleaning of The City of New York, 13-21 Park Row, New York, November 17, 1913.

Hon. O. GRANT ESTERBROOK, President, Board of Aldermen, City of New York: Sir—Pursuant to section 188, sub-division 8, of the Greater New York Charter, I respectfully request that your Honorable Board authorize the issue of revenue bonds of The City of New York in the sum of ten thousand dollars (\$10,000), the proceeds thereof to be used for the hire of trucks, horses and drivers in the collection of ashes, street sweepings and rubbish, etc., in the Borough of The Bronx.

The reason for making this request is that the balance remaining in the appropriation for hired trucks is insufficient, due to the increased output of material during the winter months and the present force being insufficient to cope with the situation. Respectfully,

WM. H. EDWARDS, Commissioner.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Gaynor, Gelbke, Gilmore, Grimm, Hamilton, Hannon, Igstaedter, Kenney, Lieberman, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Shipley, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot; President McAneny and the Vice-Chairman—60.

No. 278—Int. No. 4863.

The Committee on Public Letting, to which was referred on November 11, 1913 (Minutes, page 206), the annexed request from the Court of Special Sessions for permission to furnish and equip the new Children's Court in The Bronx at a cost not to exceed \$4,000, respectfully

#### REPORTS:

That special revenue bonds in the sum of \$3,000 have but just been allowed for this purpose. This court must be opened by January 2, 1913, and no time is available for advertising for bids.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the Chief Justice of the Court of Special Sessions be and he is hereby authorized and empowered to purchase in the open market without public letting, the necessary furnishings for the Children's Court in the building known as St. Jerome's School, located on the northerly side of East 137th st., two hundred and fifty-five feet east of Alexander ave., in the Borough of The Bronx, to an amount not to exceed three thousand one hundred dollars (\$3,100).

JOHN DIEMER, JOHN F. WALSH, ROBERT F. DOWNING, F. H. WILMOT, NILES R. BECKER, W. A. SHIPLEY, JESSE D. MOORE, Committee on Public Letting.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Folks, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Molen, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot, and the Vice-Chairman—55.

No. 279—Int. No. 4864.

The Committee on Public Letting, to which was referred on November 11, 1913 (Minutes, page 207), the annexed request from the Court of Special Sessions for authority to furnish and equip the new court in The Bronx without public letting, at a cost not to exceed \$4,000, respectfully

#### REPORTS:

That an allowance of \$3,100 special revenue bonds has just been made for this purpose. The court must be opened January 2, 1914, and no time remains to secure bids by advertisement.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the Chief Justice of the Court of Special Sessions be and he is hereby authorized and empowered to purchase in the open market without public letting the necessary furniture for the branch of the Court of Special Sessions in the Bergen Building at 177th st. and Arthur ave., in the Borough of The Bronx, to an amount not to exceed three thousand one hundred dollars (\$3,100).

JOHN DIEMER, JOHN F. WALSH, ROBERT F. DOWNING, F. H. WILMOT, NILES R. BECKER, W. A. SHIPLEY, JESSE D. MOORE, Committee on Public Letting.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Folks, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Molen, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot, and the Vice-Chairman—55.

No. 280—Int. No. 4992.

The Committee on Public Letting, to which was referred on November 25, 1913 (Minutes, page 321), the annexed request from the Commissioner of Docks for authority to purchase an automobile body, without public letting, at a cost not to exceed \$1,350 respectfully

#### REPORTS:

That the reasons for this request are set forth in the letter of application.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the Commissioner of Docks be and he is hereby authorized and empowered to purchase in the open market without public letting, a closed body for one automobile for the use of the Department of Docks and Ferries, at a cost not to exceed one thousand three hundred and fifty dollars (\$1,350).

JOHN DIEMER, JOHN F. WALSH, ROBERT F. DOWNING, F. H. WILMOT, NILES R. BECKER, W. A. SHIPLEY, JESSE D. MOORE, Committee on Public Letting.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Delaney, Devine, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dujat, Eagan, Eichhorn, Fink, Folks, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Molen, Muhlbauer, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stapleton, Stevenson, Velten, Wendel, Weston, Wilmot, and the Vice-Chairman—55.

#### REPORTS OF STANDING COMMITTEES, RESUMED.

Report of Committee on Affairs of Boroughs—

No. 5054.

The Committee on Affairs of Boroughs, to which was referred on December 2, 1913 (Minutes, page 479), the annexed resolution in favor of designating a public park in Long Island City as "Astoria Park," respectfully

#### REPORTS:

That, having examined the subject, it believes the proposed name to be one which will perpetuate in the public mind early associations in this vicinity.

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

Resolved, That the public park bounded by the Shore road, Barclay st., Hoyt ave. and Ditmars ave., Long Island City, in the Borough of Queens, be and the same hereby is named and shall hereafter be known and designated as "Astoria Park."

C. AUGUSTUS POST, THOS. J. MULLIGAN, EDWARD EICHHORN, JAMES R. WESTON, JAMES J. SMITH, Committee on Affairs of Boroughs.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Bosse, Brush, Carberry, Coleman, Cunningham, Curran, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eagan, Eichhorn, Folks, Gaynor, Gelbke, Gilmore, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Loos, McCann, McGarry, McGrath, Marks, Martyn, Molen, Mulligan, Nicoll, O'Connor, O'Rourke, Pendry, Post, Pouker, Reardon, Schmidt, Smith, Stevenson, Velten, Wendel, Wilmot; the Vice-Chairman—50.

#### GENERAL ORDERS.

No. 624—Int. Nos. 251 and 2732.

The Committee on Water Supply, Gas and Electricity, to which was referred on September 23, 1913 (Minutes, page 396), the annexed communication from the Department of Water Supply, Gas and Electricity, respectfully

#### REPORTS:

That, having examined the subject, it believes the King and Nilo water meters, having passed the prescribed departmental tests, should receive an opportunity to compete with other meters at public sale, and it therefore recommends that the accompanying resolutions be adopted.

Resolved, That, in pursuance of section 475 of the amended Greater New York Charter, and in accordance with the recommendation of the Commissioner of Water Supply, Gas and Electricity, the King meter, sizes from  $\frac{5}{8}$  to 2 inches, be and the same is hereby approved as to pattern and prices as water meters for use in The City of New York, to wit, as follows:

Size.	Price.	Connections.
$\frac{5}{8}$ -inch .....	\$8 00	\$0 40 per set.
$\frac{3}{4}$ -inch .....	12 00	60 per set.
1-inch .....	16 00	80 per set.
1 $\frac{1}{2}$ -inch .....	30 00	No charge.
2-inch .....	50 00	No charge.

Resolved, That, in pursuance of the provisions of section 475 of the amended Greater New York Charter, and in accordance with the recommendation of the Commissioner of Water Supply, Gas and Electricity, the Nilo meter, sizes from 2 to 12 inches, be and the same is hereby approved as to pattern and prices as water meters for use in the City of New York, to wit, as follows:

2-inch.....	\$40 00	6-inch.....	\$350 00
3-inch.....	80 00	8-inch.....	600 00
4-inch.....	160 00	12-inch.....	800 00

JOHN S. GAYNOR, JAMES R. WESTON, NATHAN LIEBERMAN, F. H. STEVENSON, D. M. BEDELL, OSCAR IGSTAEDTER, Committee on Water Supply, Gas and Electricity.

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, July 24, 1913.

Hon. ARDOLPH L. KLINE, Acting President, Board of Aldermen:

Dear Sir—Agreeable to resolution adopted by the Board of Aldermen on July 15, I hereby renew the Department's application for the adoption of the King and Nilo water meters. Very truly yours,

J. W. F. BENNETT, Deputy and Acting Commissioner.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Curran, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eichhorn, Fink, Folks, Gaynor, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, Pendry, Reardon, Schmidt, Shipley, Stevenson, Wendel, Weston, White, Wilmot; President McAneny; the Vice-Chairman—47.

Negative—Alderman Velten—1.

No. 625—Int. No. 252.

The Committee on Water Supply, Gas and Electricity, to which was referred on January 30, 1913 (Minutes, page 254), the annexed communication from the Department of Water Supply, Gas and Electricity, in relation to the Eureka Meter, respectfully

#### REPORTS:

That this meter, having passed the prescribed departmental tests, it believes it should be afforded an opportunity for open competition.

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

Resolved, That, in pursuance of section 475 of the amended Greater New York Charter, and in accordance with the recommendation of the Commissioner of Water Supply, Gas and Electricity, the Eureka meter, sizes from  $\frac{1}{2}$  to 12 inches, be and the same is hereby approved as to pattern and prices, as water meters for use in The City of New York, as follows:

Size.	Price.	Connections.
$\frac{1}{2}$ -inch.....	\$30 00	No charge.
2-inch.....	40 00	No charge.
3-inch.....	80 00	No charge.
4-inch.....	160 00	No charge.
6-inch.....	350 00	No charge.
8-inch.....	600 00	No charge.
10-inch.....	750 00	No charge.
12-inch.....	900 00	No charge.

JOHN S. GAYNOR, JAMES R. WESTON, NATHAN LIEBERMAN, F. H. STEVENSON, D. M. BEDELL, OSCAR IGSTAEDTER, Committee on Water Supply, Gas and Electricity.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Curran, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eichhorn, Fink, Folks, Gaynor, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauer, Mulligan, Nicoll, Pendry, Reardon, Schmidt, Shipley, Stevenson, Wendel, Weston, White, Wilmot; President McAneny; the Vice-Chairman—47.

Negative—Alderman Velten—1.

No. 626—Int. No. 4067.

The Committee on Water Supply, Gas and Electricity, to which was referred on June 17, 1913 (Minutes, page 887), the annexed communication from the Department of Water Supply, Gas and Electricity, in reference to the Hersey Meter, respectfully

#### REPORTS:

That, having examined the subject, it believes that inasmuch as this meter has passed all the departmental tests it should be allowed the opportunity to compete with other tested meters at general sale.

The Committee recommends that the accompanying resolution be adopted.

Resolved, That, in pursuance of the provisions of section 475 of the amended Greater New York Charter, and in accordance with the recommendation of the Commissioner of Water Supply, Gas and Electricity, the Hersey Torrent Meter, as to sizes and prices, is hereby approved for use in The City of New York, to wit, as follows:

2-inch Hersey torrent water meter.....	\$40 00
3-inch Hersey torrent water meter.....	80 00
4-inch Hersey torrent water meter.....	160 00
6-inch Hersey torrent water meter.....	350 00
8-inch Hersey torrent water meter.....	600 00
10-inch Hersey torrent water meter.....	750 00
12-inch Hersey torrent water meter.....	900 00

JOHN S. GAYNOR, JAMES R. WESTON, NATHAN LIEBERMAN, F. H. STEVENSON, D. M. BEDELL, OSCAR IGSTAEDTER, Committee on Water Supply, Gas and Electricity.

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's office, 13-21 Park row, New York, June 16, 1913.

Hon. ARDOLPH L. KLINE, President, Board of Aldermen:

Dear Sir—The Hersey Manufacturing Company submitted to the Department some for some years throughout the United States and Canada. It is made in sizes from 2 inches to 12 inches and is adapted for the quick delivery of water. This meter was tested in one of the public baths and at the power plant of the New York Edison Company.

During this period of service about 800,000 cubic feet of water passed through the meter and at stated intervals it was tested for accuracy and taken apart for the purpose of observing evidence of wear or looseness in the gearing. During a period of about six months the meter was tested about twenty times, and in almost every instance these tests indicated that the meter was nearly perfect, so far as recording exactly the quantity of water passing through it is concerned. The department makes allowance for certain variations of flows and the meter always tested within these allowances.

The City is now using several meters of other types made by the Hersey Manufacturing Company. They have been found to be equal to the meters of other manufacturers, and the torrent meter, which they now ask the City to adopt, is specially constructed for use in large manufacturing plants and other establishments where the consumption of water is great.

In my opinion, this meter is a proper and suitable instrument for the registration of water, which registration serves as a basis for the establishment of charges, and I recommend its adoption by the Board of Aldermen, both as to pattern and price, pursuant to the requirements of section 475 of the Charter. The sizes and prices are as follows:

2-inch Hersey torrent water meter.....	\$40 00
3-inch Hersey torrent water meter.....	80 00
4-inch Hersey torrent water meter.....	160 00
6-inch Hersey torrent water meter.....	350 00
8-inch Hersey torrent water meter.....	600 00
10-inch Hersey torrent water meter.....	750 00
12-inch Hersey torrent water meter.....	900 00

Very truly yours, J. W. F. BENNETT, Deputy and Acting Commissioner.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Boschen, Bosse, Brush, Curran, Diemer, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Eichhorn, Fink, Folks, Gaynor, Hamilton, Hannon, Herbst, Igstaedter, Kenney, Lieberman, Loos, McCann, McCourt, McGarry, McGrath, Marks, Martyn, Molen, Moore, Morrison, Muhlbauser, Mulligan, Nicoll, Pendry, Reardon, Schmidt, Shipley, Stevenson, Wendel, Weston, White, Wilmot; President McAneny; the Vice-Chairman—47.

Negative—Alderman Velten—1.

#### REPORTS OF STANDING COMMITTEES AGAIN RESUMED.

##### Report of Committee on Laws and Legislation—

No. 5034—(G. O. No. 630).

The Committee on Laws and Legislation, to which was referred on November 25, 1913 (Minutes, page 459), the annexed ordinance in favor of amending an ordinance in relation to the rehearing of charges against members of the Police Force and Fire Department of The City of New York, respectfully

##### REPORTS:

That the purpose of this proposed amendment is to include persons who have resigned, either through pique or under a misunderstanding of their rights, and who have since come to a more sane view of the situation and desire the privilege of a review by the Commissioner of the circumstances governing their cases.

The Committee recommends that the said ordinance be adopted.

AN ORDINANCE to amend "An Ordinance in relation to the rehearing of charges against members of the Police Force and Fire Department of The City of New York."

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

Section 1. "An Ordinance in relation to the rehearing of charges against members of the Police Force and Fire Department of The City of New York, which was received from his Honor the Mayor October 28, 1913, be and the same is hereby amended so as to read as follows:

AN ORDINANCE in relation to the rehearing of charges against members of the Police Force and Fire Department of The City of New York.

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

Section 1. When a member of the Police Force or Fire Department shall have been dismissed or reduced or shall have resigned after trial by the Police Commissioner or Fire Commissioner, from the position or rank theretofore held by him, the person aggrieved or the person who shall have resigned may make written application to the Mayor, setting forth the reason for demanding a rehearing of the charges upon which he was dismissed or reduced, or giving reasons why a resignation should be reviewed and provided that such dismissed or reduced member of such force or department shall waive in writing all claim against The City of New York for back pay, the Mayor may, in writing, consent to such rehearing, stating the reasons why such charges should be reheard, or why such resignation should be reviewed.

Such application for a rehearing shall be made within one year after this enactment, or within one year from the date of the dismissal or reduction, if such dismissal or reduction occurs after this act takes effect.

Such rehearing or review shall be had by and before the Police Commissioner of The City of New York, if the applicant be a member of the Police Department, and before the Fire Commissioner, if the applicant be a member of the Fire Department, and if such Commissioner shall determine that such member has been illegally or unjustly dismissed or reduced, or has resigned from his position or rank, such Commissioner may restore him to the position or rank from which he was dismissed or reduced, or from which he has resigned, and allow him the whole of his time since any such dismissal or reduction or resignation to be applied on his time of service in such department, or for such other or further relief as such Commissioner may determine just, or affirm the dismissal or reduction, as he may determine from the evidence.

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in italics.

MAX S. LEVINE, DANIEL R. COLEMAN, FRANK CUNNINGHAM, JOHN DIEMER, W. H. PENDRY, WM. D. BRUSH, Committee on Laws and Legislation.

Which was laid over.

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

The Vice-Chairman laid before the Board the following communication from the Comptroller:

No. 5136.

The City of New York, Department of Finance, Comptroller's Office, December 12, 1913.

To the Honorable the Board of Aldermen:

Gentlemen—Pursuant to chapter 679 of the Laws of 1911, I hereby certify that the sum of \$857,998.62 is the amount of the cost and expense incurred in connection with the improvement of the St. George ferry approach in the Borough of Richmond, authorized by resolution of the Board of Estimate and Apportionment, adopted at a meeting held February 9, 1906, and the sum of \$34,799.17 is the amount certified by the President of the Borough of Richmond, as the railroad companies' share of the cost of the work, but which is not to be included in the amount to be assessed, and the sum of \$164,601.23 is the amount of the interest accruing at the rate of 6 per cent. per annum upon the several installments or payments made by the City on account of the above mentioned improvement, the said interest being calculated from the time of such payment or advance by the City to a day sixty days after the date of this certificate and in accordance with the amended resolution of the Board of Estimate and Apportionment adopted October 31, 1912, the apportionment of the cost and expense of this improvement, and of the interest on the advances made on account thereof is as follows:

Seventy per cent. of the entire cost and expense is imposed against The City of New York .....	\$698,460 47
Thirty per cent. of the entire cost and expense is assessed against the Borough of Richmond .....	299,340 21
Total .....	\$997,800 68

In pursuance of the provisions of section 247 of the Greater New York Charter, as amended, chapter 679 of the Laws of 1911, the 30 per cent. of the cost and expense

of this improvement and of the interest on the advances on account thereof, shall be levied and collected with the taxes upon the real property in the Borough of Richmond, becoming due and payable in the year in which such cost shall have been fixed and determined, provided such cost and expense be ascertained in time to be included with the taxes on the real property of said Borough in the same year, and if not determined in time, the same shall be levied and collected with the taxes of the succeeding year.

Yours very truly,

E. D. FISHER, Deputy and Acting Comptroller.

Which was referred to the Committee on Finance.

#### ORDINANCES AND RESOLUTIONS RESUMED.

No. 5137.

By the Vice-Chairman—

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

By the Vice-Chairman—

Charles H. Streimer, 416a Halsey st., Brooklyn; John William Brooks, 70 Herkimer st., Brooklyn; Christopher W. Wilson, Jr., 394 Jefferson ave., Brooklyn.

By Alderman Becker—

Israel Jack Ablowich, 645 West End ave., Manhattan.

By Alderman Boschen—

Helen M. Bowman, 511 W. 169th st., Manhattan; J. Sidney Ampolsk, 531 W. 179th st., Manhattan; Ralph A. Kohn, 849 St. Nicholas ave., Manhattan.

By Alderman Bosse—

Josephine L. Henry, 1473 Pacific st., Brooklyn; Charles Schiffman, Thompson place, Coney Island, Brooklyn.

By Alderman Brush—

Walter A. Swett, 225 W. 110th st., Manhattan; Charles A. Field, 225 W. 110th st., Manhattan; Moses James Wright, 612 W. 112th st., Manhattan.

By Alderman Devine—

Marcus Gross, 886 Kelly st., The Bronx; George Edward Greenleaf, 1220 Gilbert place, The Bronx; Bertha Stimelsky, 473 Brook ave., The Bronx.

By Alderman Diemer—

Herman H. Heller, 178 Floyd st., Brooklyn; Frank Duberstein, 729 Lafayette ave., Brooklyn.

By Alderman Dixon—

William J. England, 565 Chauncey st., Brooklyn.

By Alderman Doherty—

Benjamin G. Matthewman, 377 Bergen st., Brooklyn.

By Alderman Donnelly—

Frank Martoccia, 3 King st., Manhattan.

By Alderman Dowling—

Carson G. Archibald, 433 W. 23d st., Manhattan.

By Alderman Eichhorn—

Wilfred W. Gleason, 164 Hull st., Brooklyn.

By Alderman Folks—

Walter Paul Frank, 61 E. 82d st., Manhattan.

By Alderman Gaynor—

Edw. J. Dwyer, 142 Keap st., Brooklyn; Harry Wagner, 85 S. 9th st., Brooklyn; John George Horn, 365 Marcy ave., Brooklyn; Jacob Hentz, 736 Ross st., Brooklyn; Leo Rocklin, 164 Hewes st., Brooklyn; George John Sold, 385 Flushing ave., Brooklyn.

By Alderman Gelbke—

Marion Laubscher, 3 Webster ave., Glendale, Queens; Raffaele Mercogliano, 3940 Broadway, Woodhaven, Queens; George Emerson Pettit, 53 Sheridan boulevard, Far Rockaway, L. I.

By Alderman Gilmore—

Frank J. Higgins, 525 E. 82d st., Manhattan.

By Alderman Grimm—

Joseph C. Galbo, 370 Bradford st., Brooklyn; John J. Dixon, 59 Dresden st., Brooklyn; J. E. Brendel, 2529 Atlantic ave., Brooklyn; Peter Holler, 446 Enfield st., Brooklyn.

By Alderman Hamilton—

George Robert Smith, Jr., 2654 Briggs ave., The Bronx, N. Y.; Morton Boker Connelly, 2327 Walton ave., The Bronx, N. Y.; William Liddell Robson, 453 E. 86th st., Manhattan.

By Alderman Herbst—

Max Monfried, 1057 Hoe ave., The Bronx, N. Y.; Lewis Henry Schwartz, 1373 Franklin ave., The Bronx, N. Y.

By Alderman Igstaedter—

David Galuski, 145 W. 127th st., Manhattan.

By Alderman Kenney—

John C. L. Daly, 377 Union st., Brooklyn.

By Alderman Levine—

Bernard Sacks, 31 Orchard st., Manhattan; Joseph Herman Rabinowitz, 134 Eldridge st., Manhattan; Morris Packer, 85 Delancey st., Manhattan; Irving Rosenberg, 222 E. Broadway, Manhattan.

By Alderman Loos—

Frank J. Daly, 218 E. 32d st., Manhattan.

By Alderman McCourt—

George H. Burchell, 603 8th ave., Manhattan; James F. Roe, 432 W. 34th st., Manhattan.

By Alderman Marks—

Harold S. Fleischer, 144 W. 113th st., Manhattan; Louis Binder, 47 W. 117th st., Manhattan; Marcus M. Goldschmidt, 66 W. 126th st., Manhattan.

By Alderman Martyn—

Louis Rivkin, 626 Saratoga ave., Brooklyn; Maurice Kaufman, 444 Stone ave., Brooklyn.

By Alderman Morrison—

George H. Lockwood, 1354 E. 27th st., Brooklyn; George M. Brown, 456 Argyle road, Brooklyn; Peter Larsen, 159 Snyder ave., Brooklyn; Ethel L. Kaiser, 1412 Sterling place, Brooklyn; Joseph Bookman, 1829 E. New York ave., Brooklyn; Timothy J. Linane, 1559 E. 14th st., Brooklyn.

By Alderman Mulligan—

Charles L. Ullman, 3223 White Plains ave., The Bronx, N. Y.

By Alderman Nugent—

Nicholas E. Betjeman, 431 E. 57th st., Manhattan.

By Alderman O'Connor—

Bennett Stephen Drew, 619 Academy st., Astoria, Queens.

By Alderman O'Rourke—

Prosper R. Ferrari, 174 Pennsylvania ave., Rosebank, Staten Island.

By Alderman Pendry—

John J. Haggerty, 32 Linden st., Brooklyn; Ben Zion H. Goldenthal, 12 Manhattan st., Brooklyn.

By Alderman Shipley—

Joseph Kaiser, 56 Ray st., Jamaica, Queens; Nicholas Michael Pette, 215 Fulton st., Jamaica, Queens; Theodore M. LeBeau, Minnesota ave., near Metropolis ave., Dunton, Queens.

By Alderman Schmidt—

Berthold M. Levy, 688 Union ave., The Bronx.

By Alderman Stapleton—

Thomas Orsi, 52 Henry st., Manhattan.

By Alderman Weston—

James H. Scrimgeour, 15 Glenada place, Brooklyn; Louis Heymann, 741 Jefferson ave., Brooklyn.

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

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Becker, Bedell, Bolles, Boschen, Brush, Carberry, Curran, Delaney, Devine, Dixon, Doherty, Dotzler, Dowling, Donnelly, Dunn, Dujat, Eagan, Eichhorn, Fink, Folks, Gaynor, Gilmore, Grimm, Hamilton, Hannon, Herbst, Kenney, Loos, McCann, McCourt, McGarry, Marks, Molen, Morrison, Muhlbauser, Mulligan, Nicoll, Nugent, O'Connor, O'Rourke, Post, Pouker, Shipley, Smith, Stevenson, Velten, Wendel, Weston, Wilmot; the Vice-Chairman—50.

No. 5138.

By President McAneny—

City of New York, Office of the President of the Borough of Manhattan, City Hall, December 16, 1913.

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

Sirs—Corporate stock in the amount of \$450,000 was appropriated for the purchase

of a site and the construction thereon of a building to be used for a Women's Court, Women's Jail and House of Detention, to be erected under the jurisdiction of the President of the Borough of Manhattan. After full consultation with the judges and all of those interested in this branch of the work, it was determined that the best location for such a building would be on a site owned by the City and located on W. 30th st. between 6th and 7th aves. This site is seventy-six (76) feet on the street by one hundred (100) feet in depth, and is not sufficiently large to accommodate a building of the size needed. It will accordingly be necessary to acquire one additional lot 25 by 100 feet immediately adjoining this City property, and I would herewith request that your Board designate the said piece of property for the purpose above mentioned. The description of the property to be acquired is as follows:

"All that certain lot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Manhattan, City of New York, bounded and described as follows, to wit: Beginning at a point on the northerly side of 30th st., which point is distant 275 feet easterly from the corner formed by the intersection of the northerly side of 30th st. with the easterly side of 7th ave., and running thence northerly and at right angles to 30th st. 98 feet 9 inches; thence westerly and parallel with 30th st. 25 feet; thence southerly and parallel with 7th ave. 98 feet 9 inches to the northerly side of 30th st.; and thence easterly along the northerly side of 30th st. 25 feet to the point or place of beginning."

Maps, in triplicate, covering the above described property, will be filed with your Board this afternoon. Respectfully yours,

GEORGE McANENY, President, Borough of Manhattan.

Which was referred to the Committee on Finance.

No. 5139.

By Alderman Boschen—

Whereas, The City of New York, through the Department of Parks for Manhattan and Richmond, has erected a permanent structure to be used as a Shelter House and Comfort Station in connection with a Playground now being completed, said Playground being situated on Amsterdam ave., between 151st and 152d sts., Borough of Manhattan; and

Whereas, It has been found to be of certain advantage to designate such playgrounds with the names of old villages formerly existing in the respective neighborhood of such playgrounds and

Whereas, A petition has been signed by owners of property in the vicinity of said playground, approving the custom of perpetuating village names, and recommending that the old village name of "Carmansville" be used in connection with the naming of said playground; now, therefore, be it

Resolved, That the new playground, situated on Amsterdam ave., between 151st and 152d sts., Borough of Manhattan, be and the same is hereby named and designated as the "Carmansville Playground."

Which was referred to the Committee on Streets, Highways and Sewers.

No. 5140.

By the same—

Resolved, That permission be and the same is hereby given to George A. Hauser, of 3921 Broadway, to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5141.

By Alderman Diemer—

AN ORDINANCE to amend article 6 of chapter 12 of Part I of the Code of Ordinances, relating to the "Rules of the Road."

Be it Ordained, By the Board of Aldermen of The City of New York, as follows: Section 1. Article 6 of chapter 12 of Part I of the Code of Ordinances is hereby amended by adding thereto a new section to read as follows:

Sec. 470a. *A pedestrian shall not walk in the roadway of a street, except cross at a street crossing and shall not stand in such roadway.*

Sec. 2. This ordinance shall take effect immediately.

Note—New matter in italics.

Which was referred to the Committee on Laws and Legislation.

No. 5142.

By Alderman Devine—

Resolved, That permission be and the same is hereby given to Borowitz & Rosenthal to parade a man with an advertising sign through the streets and thoroughfares of the Borough of The Bronx, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5143.

By Alderman Doherty—

Resolved, That permission be and the same is hereby given to Mortimer Cohen to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Brooklyn, under the supervision of the Police Department, such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5144.

By the same—

Resolved, That permission be and the same is hereby given to J. Musliner to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Brooklyn, under the supervision of the Police Department, such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5145.

By Alderman Donnelly—

Resolved, That permission be and the same is hereby given to Alexander Meffert to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5146.

By the same—

Resolved, That permission be and the same is hereby given to John Blair to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5147.

By the same—

Resolved, That permission be and the same is hereby given to the Martha Washington Candy Company to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5148.

By the same—

Resolved, That permission be and the same is hereby given to R. Reinhard, of 102 Fulton street, to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5149.

By the same—

Resolved, That permission be and the same is hereby given to G. M. Rosenfeld, of 60 Broad st., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5150.

By Alderman Dowling—

Whereas, The manuscript minutes of the Common Council of The City of New York, covering a period 1784 to 1831, now remain in the City Clerk's office in the custody of the City Clerk; no authentic copy of these minutes has ever been made, and, as the City Hall is not a fireproof building, these valuable minutes would, in case of fire, be in jeopardy, and

Whereas, The most valuable of the City archives have already been placed in the temporary custody of the New York Public Library for safe keeping, be it therefore

Resolved, That the City Clerk is hereby authorized and empowered to place these manuscript minutes in the custody of the said library for safe keeping, there to remain with the archives belonging to the City already placed there, and subject to such action as the Trustees of the Public Library may take looking to the placing of such minutes in printed form; the placing of these records in said library is not to be considered a surrender thereof, however, the City Clerk to receive a receipt stating that ready access thereto shall be at all times afforded to the public, and that said records will be returned to the office of the City Clerk on demand.

Which was adopted.

No. 5151.

By the same—

Resolved, That permission be and the same is hereby given to the 8th Avenue Amusement Company to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5152.

By the same—

Resolved, That the City Clerk and Clerk of the Board of Aldermen be and he is hereby authorized and requested to provide by requisition on the Board of City Record for the publication of the following enumerated bound volumes of the Proceedings and Approved Papers of the Board of Aldermen, which publication or publications shall be and are hereby declared to be "published by authority of the Board of Aldermen," as provided in section 1556 of the Greater New York Charter, to wit:

One hundred and fifty bound volumes for each quarter of the year 1914 of "The Proceedings of the Board of Aldermen of The City of New York."

Two hundred bound volumes of the "Approved Papers of the Year 1914"; and also for the delivery of the usual weekly quota of "Proceedings" (three hundred), "Calendars" (two hundred and fifty), and "Approved Papers" (one hundred and fifty), necessary for the files and distribution.

Which was adopted.

No. 5153 (G. O. No. 631).

By Alderman Dunn—

AN ORDINANCE to provide for the payment of Grand and Trial Jurors in the Courts of Record in the several counties embraced within the City of New York.

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

Section 1. In pursuance of the provisions of section 3314 of the Code of Civil Procedure, as amended by chapter 257 of the Laws of 1913, it is hereby directed that the sum of three dollars (\$3), in addition to the fees prescribed in section 3313 of said Code of Criminal Procedure, or in any other statutory provision, shall be allowed to each Grand Juror and each Trial Juror for each day's attendance at a term of Court of Record, of civil or criminal jurisdiction, held in the several counties embraced within the City of New York.

Sec. 2. This ordinance shall take effect immediately.

Which was laid over.

No. 5154.

By Alderman Gilmore—

Resolved, That permission be and the same is hereby given to Michael Morrissey to erect, place and keep a booth within the stoop line in front of premises 251 E. 84th st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 5155.

By Alderman Grimm—

Resolved, That in pursuance of the provisions of subdivision 8, section 188, of the Greater New York Charter, the Board of Estimate and Apportionment be and is hereby requested to authorize the Comptroller to issue special revenue bonds in the sum of one thousand seven hundred and fifty-four and 94-100 dollars (\$1,754.94), the proceeds whereof to be used by the Sheriff of Kings County for the purpose of meeting deficiencies in 1913 accounts. All obligations contracted hereunder to be incurred on or before December 31, 1913.

Bills Rendered and Unpaid.

Department of Correction.....	\$949 50
Employees for expenses.....	106 05
	\$1,055 55

Estimated to Meet Bills Not Yet Rendered.

Department of Correction.....	\$500 00
Employees expenses.....	268 80
	\$1,823 35

Balance in Food Supply Account, code 3804.....	\$62 50
Balance in Contingency Account, code 3815.....	5 91
	68 41

\$1,754 94

Which was referred to the Committee on Finance.

5156.

By Alderman Hannon—

Whereas, There is being produced at a certain theatre in this City a moving picture reel entitled "Traffic in White Slaves," which depicts false impressions of court scenes and exaggerates to an absurd degree things in connection with the subject, at times showing vicious and depraved scenes; therefore

Resolved, That the attention of the Police Department be and hereby is directed to this so-called entertainment with a view to a suppression of the same.

Which was adopted.

No. 5157.

By Alderman Herbst—

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one thousand eight hundred dollars (\$1,800), the proceeds whereof to be used by the Committee on Buildings of the Board of Aldermen for the purpose of meeting additional expenses in connection with revision of the building code, allowed for by issue known as R. B. L.—20A.

All obligations contracted for hereunder to be incurred on or before December 31, 1913.

Which was referred to the Committee on Finance.

No. 5158.

By Alderman Levine—

Resolved, That permission be and the same is hereby given to Hyman Stern to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5159.

By Alderman Lieberman—

Resolved, That permission be and the same is hereby given to Max Garfunkel to parade two men with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5160.

By Alderman Marks—

Resolved, That permission be and the same is hereby given to J. C. Clarke to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5161.

By Alderman Martyn—

Resolved, That permission be and the same is hereby given to Reuben Fried, of 109 Belmont ave., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Brooklyn, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5162.

By the same—

Resolved, That permission be and the same is hereby given to James F. Martyn to erect, place and keep a storm door within the stoop line in front of premises on the northeast corner of E. New York and Rochester aves., in the Borough of Brooklyn, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 5163.

By Alderman Nicoll—

Resolved, That permission be and the same is hereby given to the Little Fun Shop, of 132 W. 34th st., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor; provided, however, that the man when displaying his sign does not go on 34th st., between 5th and 6th aves.; 42d st., between 7th and 8th aves., or Broadway, between 39th and 44th sts.

Which was adopted.

No. 5164.

By the same—

Resolved, That permission be and the same is hereby given to A. Nicolaidie, of 16 W. 31st st., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor; provided, however, that the man when displaying his sign does not go on 34th st., between 5th and 6th aves.; 42d st., between 7th and 8th aves., or Broadway, between 39th and 44th sts.

Which was adopted.

No. 5165.

By Alderman O'Connor—

Resolved, That permission be and the same is hereby given to George A. Poole, of 151 Newtown ave., Long Island City, to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Queens, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5166.

By Alderman Shipley—

Resolved, That permission be and the same is hereby given to the William Ulmer Brewing Company to erect, place and keep an awning or marquee in front of the premises 370 Fulton st., Jamaica, Borough of Queens, provided that the said awning or marquee shall be erected so as to conform in all respects with the provisions of the ordinances in such case made and provided, the work to be done at their own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 5167.

By the same—

Resolved, That permission be and the same is hereby given to the Merit Company to erect, place and keep a show case within the stoop line in front of premises Nos. 318-320 Fulton st., Jamaica, in the Borough of Queens, provided the said show case shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at their own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Which was adopted.

No. 5168.

By Alderman Smith—

Resolved, That permission be and the same is hereby given to the Sample Millinery Company to parade three men with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5169.

By Alderman Stapleton—

Resolved, That permission be and the same is hereby given to the Hitchcock Publishing Company to parade two men with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5170.

By the same—

Resolved, That permission be and the same is hereby given to Mimon Coriat, Inc., to parade two men with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5171.

By the same—

Resolved, That permission be and the same is hereby given to the Independent Stabber Benevolent Association to parade with two automobiles through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was referred to the Committee on Streets, Highways and Sewers.

No. 5172.

By Alderman White—

Resolved, That permission be and the same is hereby given to Abraham Lawrence to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5173.

By the same—

Resolved, That permission be and the same is hereby given to George Lutz to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

No. 5174.

By Alderman Weston—

Resolved, That permission be and the same is hereby given to S. Strauss, of 850 Monroe st., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Brooklyn, under the supervision of the Police Department;

ment; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Which was adopted.

Alderman Coleman moved that the Board do now adjourn.

The Vice-Chairman put the question whether the Board would agree with said motion.

Which was decided in the affirmative.

And the Vice-Chairman declared that the Board stood adjourned until Tuesday, December 23, 1913, at 1.30 o'clock p. m.

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 December 15, 1913.

Friday, December 19, 1913—11 a. m.—Room 305—Case No. 1753—Long Island Railroad Company—"Service on lines of railroad from and to Long Island City and on 34th street-Long Island City ferry line"—Commissioner Cram. 11 a. m.—Room 305—Case No. 1270—Staten Island Railroad Company—"Accounting as to alteration of grade crossing on the Amboy road, near Huguenot"—Commissioner Cram. 11 a. m.—Room 305—New York Consolidated Railway Company—"Petition for construction of elevated station at Myrtle avenue and Cumberland street"—Commissioner Cram.

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.

## ASSIGNMENTS.

## CITY COURT OF THE CITY OF NEW YORK.

ASSIGNMENT OF TERMS AND JUSTICES FOR THE YEAR 1914.

We, the Justices of the City Court of The City of New York, do hereby appoint the following times for holding the Special, Equity and Trial Terms of said court, and assign Justices to hold the said terms during the year 1914:

## TRIAL TERMS.

Each and every Trial Term appointed shall commence on the first Monday of the month for which it is assigned, and be continued until and including the fourth Friday thereafter, except that in the months of November and December the term shall end on the 25th and 24th days of said months, respectively, unless continued by the justice presiding.

PART I.		PART V.	
January.....	Justice Schmuck	January.....	Justice Lynch
February.....	Justice McAvoy	February.....	Justice Green
March.....	Justice LaFetra	March.....	Justice Ransom
April.....	Justice Finelite	April.....	Justice Ransom
May.....	Justice McAvoy	May.....	Justice Green
June.....	Justice Schmuck	June.....	Justice Smith
October.....	Justice Ransom	October.....	Justice LaFetra
November.....	Justice Green	November.....	Justice Finelite
December.....	Justice Schmuck	December.....	Chief Justice O'Dwyer
PART II.		PART VI.	
January.....	Justice Green	January.....	Justice Finelite
February.....	Chief Justice O'Dwyer	February.....	Justice Smith
March.....	Justice Smith	March.....	Justice Delehanty
April.....	Justice Schmuck	April.....	Justice Delehanty
May.....	Justice LaFetra	May.....	Justice Ransom
June.....	Justice McAvoy	June.....	Justice Finelite
October.....	Justice Finelite	October.....	Justice Green
November.....	Justice Ransom	November.....	Chief Justice O'Dwyer
December.....	Justice Lynch	December.....	Justice LaFetra
PART III.		PART VII.	
January.....	Justice Delehanty	January.....	Justice McAvoy
February.....	Justice Finelite	February.....	Justice Ransom
March.....	Justice Schmuck	March.....	Justice McAvoy
April.....	Justice Green	April.....	Justice LaFetra
May.....	Chief Justice O'Dwyer	May.....	Justice Delehanty
June.....	Justice Lynch	June.....	Justice Ransom
October.....	Justice Smith	October.....	Justice Schmuck
November.....	Justice LaFetra	November.....	Justice Delehanty
December.....	Justice Green	December.....	Justice Smith
PART IV.		PART VIII.	
January.....	Justice Smith	January.....	Justice LaFetra
February.....	Justice Schmuck	February.....	Justice Lynch
March.....	Chief Justice O'Dwyer	March.....	Justice Green
April.....	Justice Lynch	April.....	Chief Justice O'Dwyer
May.....	Justice Finelite	May.....	Justice Smith
June.....	Chief Justice O'Dwyer	June.....	Justice Delehanty
October.....	Justice Lynch	October.....	Justice McAvoy
November.....	Justice Lynch	November.....	Justice Smith
December.....	Justice Finelite	December.....	Justice Delehanty

## SPECIAL TERMS.

PART I.		PART II.	
January 5 to 17.....	Justice Ransom	January 5 to 17.....	Chief Justice O'Dwyer
Jan. 19 to 31.....	Chief Justice O'Dwyer	January 19 to 31.....	Justice Ransom
February 2 to 14.....	Justice Delehanty	February 2 to 14.....	Justice LaFetra
February 16 to 28.....	Justice LaFetra	February 16 to 28.....	Justice Delehanty
March 2 to 18.....	Justice Finelite	March 2 to 18.....	Justice Lynch
March 19 to April 4.....	Justice Lynch	March 19 to April 4.....	Justice Finelite
April 6 to 18.....	Justice Smith	April 6 to 18.....	Justice McAvoy
April 20 to May 2.....	Justice McAvoy	April 20 to May 2.....	Justice Smith
May 4 to 16.....	Justice Lynch	May 4 to 16.....	Justice Schmuck
May 18 to 29.....	Justice Schmuck	May 18 to 29.....	Justice Lynch
June 1 to 17.....	Justice LaFetra	June 1 to 17.....	Justice Green
June 18 to July 3.....	Justice Green	June 18 to July 3.....	Justice LaFetra
July 6 to 15.....	Justice McAvoy	July 6 to 15.....	Justice McAvoy
July 16 to 25.....	Justice Lynch	July 16 to 25.....	Justice Lynch
July 27 to August 5.....	Justice Schmuck	July 27 to August 5.....	Justice Schmuck
August 6 to 15.....	Justice Green	August 6 to 15.....	Justice Green
August 17 to 26.....	Justice Smith	August 17 to 26.....	Justice Smith
Aug. 27 to Sept. 5.....	Justice Ransom	Aug. 27 to Sept. 5.....	Justice Ransom
September 7 to 12.....	Justice Finelite	September 7 to 12.....	Justice Finelite
September 14 to 19.....	Justice Delehanty	September 14 to 19.....	Justice Delehanty
September 21 to 26.....	Justice LaFetra	September 21 to 26.....	Justice LaFetra
Sept. 28 to Oct. 3.....	Chief Justice O'Dwyer	Sept. 28 to Oct. 3.....	Chief Justice O'Dwyer
October 5 to 17.....	Chief Justice O'Dwyer	October 5 to 17.....	Justice Delehanty
October 19 to 31.....	Justice Delehanty	October 19 to 31.....	Chief Justice O'Dwyer
November 2 to 18.....	Justice McAvoy	November 2 to 18.....	Justice Schmuck
Nov. 19 to Dec. 5.....	Justice Schmuck	Nov. 19 to Dec. 5.....	Justice McAvoy
December 7 to 19.....	Justice McAvoy	December 7 to 19.....	Justice Ransom
Dec. 21 to Jan. 2.....	Justice Ransom	Dec. 21 to Jan. 2.....	Justice McAvoy

Trial Parts and Special Terms open daily at 10 o'clock A. M.—Calendar called in Part I at 9:45 A. M.

Adopted in convention December 8, 1913.

EDWARD F. O'DWYER, FRANCIS B. DELEHANTY, JOSEPH I. GREEN, ALEXANDER FINELITE, PETER SCHMUCK, JOHN V. McAVOY, EDWARD B. LA FETRA, RICHARD T. LYNCH, RICHARD H. SMITH, ROBERT L. LUCE.

I, Thomas F. Smith, Clerk of the City Court of The City of New York, do hereby certify that the foregoing is a copy of the assignment of Justices to hold the terms and designation of the terms to be held by the court during the year 1914.

Dated Brownstone Building, 32 Chambers st., this 8th day of December, 1913.

d11,18,26,j3

THOMAS F. SMITH, Clerk.

## DEPARTMENT OF FINANCE.

(Continued from Page 11853.)

DEPARTMENT OF FINANCE.				Finance Voucher No. Invoice Dates. Name of Payee. Amount.				Finance Voucher No. Invoice Dates. Name of Payee. Amount.			
(Continued from Page 11853.)											
Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.					Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
				Police Department.				157075	12-16-13	Thomas O'Connor	751 08
156941		John E. Eastmond	185 00	156550		Police Pension Fund, Rhine-lander Waldo, Deductions, etc.	\$20,397 68	157076	2- 5-13	Charles H. Lawrence	34 40
156942		Francis J. Sullivan	180 00					157117	12- 5-13	H. T. Dakin	102 87
156943		John J. Barnicle	170 00					157118	11-28-13	The N. Y. Trap Rock Co.	839 52
156944		Edward J. Reilly	100 00					157119	11-25-13	N. Y. Trap Rock Co.	2,853 18
156945		Harry J. Rosenson	95 00					157120		Cranford Co.	4,153 95
156946		Joseph Burr	110 00	156907		McBride & Callan Cont. Co.	\$294 09	157121		Uvalde Cont. Co.	5,581 53
156947		Ellen Fanning	124 55	156908		Altman Plumbing Co.	164 60	157122		Cranford Co.	12,270 09
156948		Jacob Zentner et al.	55 62	156909		Jas. Harley Plumbing Co.	1,415 10	157123		John C. Schrade	3,127 86
156949		Brian G. Hughes	808 99					157124		John J. Creem Co.	6,505 53
156950		Georgia M. Barlach	808 99					157125		Carmine Carratura	4,494 56
156951		Vernal Realty Co.	549 73	156447		Uvalde Contracting Co.	\$4,277 45	157126	8-30-13	John P. Kane Co.	195 40
156952		Walter W. Taylor	383 57	156448		Harlem Contracting Co.	2,566 23	157136	10-20-13	J. Morris	39 20
156953		Sarah Avaden	234 99	156449		New York Telephone Co.	688 23	157137	11-21-13	Geo. W. Cobb, Jr.	73 00
156954		Edward Handford	300 00	156450		Wm. H. Egan	2,329 08	157138	11-29-13	The Banks Law Pub. Co.	81 75
156955		Camilla Giancarlo	600 00	156451		Lincoln Steele Fleming Co., Inc.	1,486 65	157139	8-15-13	United Motor New York Co.	63 73
156956		Fannie Vill	1,600 00	156452		Chas. G. Armstrong & Son	92 50	157140	11-20-13	Peerless Garage	47 00
156957		Catherine F. Van Brunt	200 00	156453		Thos. J. Buckley Engineer- ing Co.	5,525 00	157141	6-10-13	Jackson & Cowenhoven Co.	16 75
				156454		Asphalt Construction Co.	25,313 18	157142	11-21-13	Royal Eastern Elec. Supply Co.	1 95
				156455		Harlem Contracting Co.	552 25	157143	10- 8-13	Jackson & Cowenhoven Co.	23 15
				156456		Aztec Asphalt Co., Inc.	5,306 94	157144	11-14-13	Thomas M. De Laney	63 93
				156457		Aztec Asphalt Co., Inc.	5,562 90	157145	11-14-13	Short Bros.	10 20
				156458		Cleveland Trinidad Paving Co.	42,548 31	157146	11-20-13	Paul Ayres Co., Inc.	20 88
				156459		Rafferty Bros.	10,497 96	157147	11-21-13	W. R. Adams & Co.	5 00
				156460		Rafferty Bros.	11,535 75	157148	11-21-13	Thomas M. De Laney	5 65
				156461		Cleveland Trinidad Paving Co.	5,817 14	157149	11-21-13	The Peck Bros. & Co.	5 60
				156542		William A. Prendergast, Comptroller	4,403 00	157150	11-21-13	C. W. Keenan	22 71
								157151	6-16-13	Jackson & Cowenhoven Co.	15 70
								157152	11- 1-13	Daniel A. Maher	20 00
								Department of Public Charities.			
								156543	9-30-13	N. Y. Tel. Co.	\$1,056 52
								156544	7-31-13	N. Y. Tel. Co.	367 82
								156572		Sterling Potter	150 00
								156573	12- 4-13	Sterling Potter	1 25
								156574		Joseph D. Fleck	8 15
								156575		Joseph D. Fleck	2 80
								156576		Frank Kunzman	25 80
								156577	11-21-13	H. L. Bain	1 05
								156578		M. Niklas	8 65
								156579	12- 1-13	Edith Taylor	3 25
								156580	11-30-13	Postal Telegraph Cable Co.	4 66
								156581		Edward S. McSweeney	23 35
								156582		Wm. C. Yorke	6 20
								156583		C. B. Bacon	18 70
								156585		Frank J. Helmle	89 55
								156586		Riverside Cont. Co.	2,000 00
								156587	11-22-13	D. L. Delaney	1,422 00
								156588		Conron Bros. Co.	6,361 00
								156589	11-30-13	Borden's Condensed Milk Co.	3,345 17
								156590	11-30-13	Borden's Condensed Milk Co.	7,272 00
								156591	11-11-13	John Bellmann	223 48
								156592	11-11-13	John Bellmann	838 80
								156593	11- 8-13	Bleecker & Simons	278 34
								156594	10-30-13	Lewis De Groff & Son	206 33
								156495	11-25-13	Drostie & Snyder	2,580 26
								156596	11-15-13	Greenhut-Siegel Cooper Co.	6 30
								156597	11-22-13	Arthur C. Jacobson & Sons	110 25
								156598	11-11-13	Levy Bros.	278 86
								156599	11-10-13	The Manhattan Supply Co.	154 98
								156600	10-30-13	The Manhattan Supply Co.	158 48
								156601	11-18-13	Meeker & Co.	32 20
								156602	11- 3-13	Middle Lehigh Co.	133 18
								156603	11- 1-13	Pattison & Bowns	2,458 82
								156604	11-24-13	John W. Pearle	1,633 04
								156605	11-30-13	A. Silz, Inc.	1,020 80
								156606	11-10-13	J. D. Stout & Co.	126 97
								156607	11-10-13	Sulzberger & Sons Co.	191 58
								156608	11-10-13	Standard Oil Co., N. Y.	130 79
								156609	10-27-13	Tascarella Bros.	2,117 90
								156610	12- 1-13	Westchester Fish Co.	416 67
								156611	12- 1-13	Westchester Fish Co.	726 52
								156612	11-29-13	Conron Bros. & Co.	358 33
								156613	11-18-13	Lewis De Groff & Son	873 44
								156614	10-17-13	Horace Ingersoll Co.	1,242 57
								156615	11-24-13	J. D. Stout & Co.	179 23
								156657	10-16-13	The East River Mill & Lum- ber Co.	37 72
								156658	10-16-13	Agent and Warden, Auburn Prison	7 00
								156659	11-10-13	The Coal & Transfer Co., Inc.	135 00
								156660	9-30-13	Conron Bros. & Co.	4 75
								156661	10-29-13	Department of Correction	63 30
								156662	11-22-13	Dennison Mfg. Co.	6 75
								156663	11-17-13	Eimer & Amend	1 60
								156664	9-30-13	Hull, Grippen & Co.	60 95
								156665	9- 6-13	Hull, Grippen & Co.	95 95
								156666	11-18-13	The Hospital Supply Co.	123 50
								156667	9- 8-13	Hanlon & Goodman Co.	6 17
								156668	10- 3-13	Department of Correction	118 80
								156669	10-10-13	E. T. Joyce	352 72
								156670	11-25-13	Jones Packing Co.	40 72
								156671	8- 5-13	The Kny-Scheerer Co.	11 95
								156672	11-19-13	Krystalied Water Co.	12 00
								156673	11- 7-13	H. Kohnstamm & Co.	3 00
								156674	10-31-13	P. Lawless Sons	1 00
								156675	11-19-13	Lord & Taylor	96 85
								156676	10- 2-13	Library Bureau	158 88
								156677	11-19-13	The Manhattan Supply Co.	92 68
								156678	8-30-13	The J. L. Mott Iron Works	206 34
								156679	8-30-13	Meyers & Grayson	52 05
								156680	11- 7-13	Meinecke & Co.	45 30
								156681	11-21-13	Jas. A. Miller	3 40
								156682	10-29-13	Medical Society of the State of New York	2 50
								156683	11- 1-13	Jas. McIntyre	5 00
								156684	12- 4-13	Nanz Clock Co.	3 25
								156685	9-30-13	D. B. Pershall & Son	17 25
								156686	10-30-13	Park & Tilford	23 05
								156687	11- 1-13	Pelham Hygeia Ice Co.	66 88
								156688	11- 7-13	Agent and Warden, Auburn Prison	15 00
								156689	8-27-13	Agent and Warden, Auburn Prison	1,073 50
								156690	10-30-13	Agent and Warden, Auburn Prison	225 83
								156691	11-13-13	G. B. Raymond & Co.	27 50
								156692	11-13-13	James M. Shaw & Co.	1 50

Finance Vouch- er No.	Invoice Dates.	Name of Payee.	Amount.	Finance Vouch- er No.	Invoice Dates.	Name of Payee.	Amount.	Finance Vouch- er No.	Invoice Dates.	Name of Payee.	Amount.
156693	10-22-13	Stanley & Patterson.....	84 00	156786	10-28-13	The Avery Copper Mfg. Co.	6 00	157185	10-30-13	National Press Intelligence	
156694	10-16-13	Agent and Warden, Danne- mora Prison.....	101 76	156787	10-29-13	Annin & Co.....	16 62	157186	10-31-13	Co.....	10 00
156695	11-15-13	Agent and Warden, Danne- mora Prison.....	350 79	156788	10-7-13	James S. Barron & Co.....	168 85	157187	10-18-13	Brooklyn Daily Times.....	83 84
156696	11-13-13	Tower Mfg. & Novelty Co..	16 00	156789	10-7-13	James S. Barron & Co.....	32 13	157188	11-22-13	Engineering News.....	5 40
156697	10-8-13	Tower Mfg. & Novelty Co..	26 00	156790	10-20-13	Bloomington Bros.....	11 44	157189	11-21-13	Engineering Record.....	9 60
156698	10-20-13	Jas. Thompson & Sons.....	18 09	156791	9-30-13	Bloomington Bros.....	59 33	157190	11-21-13	The Journal of Commerce	162 60
156699	10-31-13	T. J. Taylor Milk Co.....	16 50	156792	11-25-13	Burton & Davis.....	7 91	157191	12-4-13	and Commercial Bulletin...	244 00
156700	10-6-13	Underwood Typewriter Co., Inc.....	2 43	156793	9-27-13	Bruce & Cook.....	1 20	157192	11-5-13	Mail & Express Co.....	106 00
156701	11-22-13	Underwood Typewriter Co., Inc.....	7 80	156794	9-17-13	Bramhall, Deane Co.....	121 70	157193		North Side News.....	212 00
156702	10-10-13	A. C. Wicke Mfg. Co.....	3 25	156795	11-1-13	Charles Baesler.....	30 00	157194		Cooper & Evans Co.....	124,431 40
156703	11-24-13	F. A. Walker.....	66 00	156796	2-15-13	Alexander R. Boyce.....	99 90			Arthur McMullen & Hoff Co.....	15,000 00
156704	10-8-13	John Wanamaker.....	220 47	156797	10-1-13	Finegan & Waltherthum...	30 00	Commissioner of Records.			
156705	11-11-13	Annin & Co.....	5 40	156798	10-30-13	Julius Haas Sons.....	140 00	156378		Samuel Lampert.....	\$4 00
156706	11-12-13	Acker, Merrill & Condit Co.	6 50	156799	9-20-13	S. F. Hayward & Co.....	42 00	156379		Elaine Craig.....	2 41
156707	11-20-13	The American Laundry Ma- chinery Co.....	25 00	156800		L. F. Dommerick & Co....	52 50	156380		Jas. J. Farrell.....	1 00
156708	9-3-13	The American Society for the Prevention of Cruelty to Animals.....	5 00	Public Service Commission.				156381	10-31-13	New York Tel. Co.....	37 02
156709		Bramhall, Deane Co.....	12 75	157153	11-8-13	Adams Express Co.....	\$2 95	156382	10-16-13	Underwood Typewriter Co.	40
156710	11-11-13	Burton & Davis Co.....	6 95	157154	12-2-13	August Belmont & Walter Luttgen.....	60 00	156383	8-29-13	Patterson Bros.....	2 90
156711	11-2-13	The Bird Archer Co.....	67 50	157155	11-15-13	Brooklyn Union Gas Co....	1 02	156384	11-11-13	Crescent Towel Supply Co.	3 00
156712	11-14-13	John Bellmann.....	49 50	157156	11-15-13	Jos. E. Collins.....	50 00	156385		Foster, Scott Ice Co.....	7 90
156713	11-10-13	Agent and Warden, Sing Sing Prison.....	7 68	157157	12-1-13	Emigrant Industrial Savings Bank.....	141 96	156386		Crystal Spring Water Co..	2 50
156714	11-26-13	Consumers' Pie Baking Co..	110 00	157158	12-1-13	Keller Bros.....	50 00	156387	9-15-13	Municipal Garage.....	92 14
156715	6-1-13	Strong Machinery & Supply Co.....	23 00	157159	12-1-13	Lee Bros. Storage & Van Co.	170 00	156388		Thos. F. Usher.....	192 00
156716	9-13-13	Duhrkop Oven Co.....	150 00	157160	12-1-13	National Railway Publishing Co.....	90 00	156389		Cyril Jones.....	63 50
156717	11-10-13	Emery Mfg. Co.....	52 00	157161	12-1-13	N. Y. C. & H. R. RR. Co..	236 69	156390	10-29-13	A. G. Spalding & Bros.....	25 13
156718	10-22-13	George Tiemann & Co.....	9 76	157162		The New York Mutual Gas Light Co.....	8 25	156391	10-24-13	Geo. Morley.....	51 30
156719	10-27-13	Universal Compound Co., Inc.....	6 00	157163	12-1-13	Powell Building.....	150 00	156392	9-10-13	The Service, Inc.....	26 50
156720	10-20-13	Underwood Typewriter Co.	4 50	157164	11-25-13	Frederick A. Schultz.....	15 00	156393	9-23-13	Samuel Lewis.....	16 15
156721	7-29-13	E. T. Joyce.....	134 69	157165	10-15-13	D. E. Seybel.....	208 33	156394	9-26-13	The Specification Soap & Oil Co.....	16 80
156722	10-30-13	F. S. Watt.....	23 86	157166	12-1-13	South Brooklyn Savings & Loan Association.....	50 00	156395	7-25-13	Dochtermann Van & Ex- press Co.....	7 50
156723	10-11-13	Wappler Electric Mfg. Co., Inc.....	4 00	157167		Union Towel Supply Co....	117 02	Register, Kings County.			
156724	9-20-13	John Wanamaker.....	232 00	157168	11-13-13	Frank Bennett.....	259 74	156396	12-9-13	Victor Typewriter Co.....	\$95 00
156725	9-25-13	Waite & Bartlett Mfg. Co..	13 00	157169		Lawyers' Title Insurance & Trust Co.....	236 50	156397	12-11-13	Austrian Pencil Co.....	8 00
156726	11-13-13	Bloomington Bros.....	23 64	157170		Fred'k W. Carpenter.....	15 10	156398	11-30-13	New York Tel. Co.....	30 23
156727	11-26-13	James S. Barron & Co.....	36 20	157171		George L. Lucas.....	460 69	Department of Street Cleaning.			
156728	10-30-13	H. T. Dakin.....	36 66	157172		Jesse O. Shipman.....	12 85	156402		Wm. H. Edwards, Commis- sioner.....	\$197 83
156729	11-12-13	Robert Ferguson.....	106 56	157173		Henry L. Oestreich.....	105 72	156403		Wm. H. Edwards, Commis- sioner.....	283 33
156730	10-8-13	Greenhut-Siegel Cooper Co.	774 58	157174		Clifton W. Wilder.....	65 95	United States Volunteer Life Saving Corps.			
156731	11-7-13	Goodyear's India Rubber Selling Co.....	189 30	157175	8-30-13	Abraham & Straus.....	9 22	156438	10-6-13	Jas. Leach.....	\$2 75
156732	11-25-13	Metropolitan Tobacco Co..	45 22	157176	11-11-13	William Bratter & Co.....	80 70	156439	11-8-13	J. E. Shearson.....	2 80
156733	10-22-13	The Smith Worthington Co.	64 11	157177	10-21-13	Fairbanks & Co.....	41 65	156440	12-1-13	M. Hoedt.....	2 50
156734	11-22-13	Standard Oil Co.....	138 00	157178	11-26-13	The Goulds Mfg. Co.....	5 00	156441	12-5-13	C. Poling.....	1 80
156735	10-27-13	Tower Manufacturing and Novelty Co.....	117 50	157179	11-1-13	The Great Bear Spring Co.	45 30	156442	12-9-13	F. O. Pierce Co.....	1 81
156736	9-29-13	Vacuum Oil Co.....	80 40	157180	7-9-13	David L. Herman.....	593 50	156443	12-9-13	Zacks Lumber Co.....	4 53
156737	10-9-13	Abraham & Straus.....	417 00	157181	11-18-13	T. B. King.....	37 20	156444	12-11-13	J. D. McCarthy.....	2 80
				157182	11-11-13	F. W. DeVoe & C. T. Ray- nolds Co.....	8 67				
				157183	10-31-13	Poster-Scott Ice Co.....	4 33				
				157184	11-1-13	Law Reporting Co.....	158 85				

## DEPARTMENT OF FINANCE.

Abstract of transactions of the Department of Finance for the week ending October 18, 1913:

Deposited in the City Treasury.	
To the credit of the City Treasury.....	\$19,302,361 72
To the credit of the Sinking Funds.....	170,118 42
Total.....	\$19,472,480 14
Warrants Registered for Payment.	
Appropriation Accounts, "A" Warrants.....	\$799,900 18
Special Revenue Bond Fund Accounts, "B" Warrants.....	31,910 44
Corporate Stock Fund Accounts, "C" Warrants.....	1,051,201 17
Special and Trust Fund Accounts, "D" Warrants.....	7,167,204 40
Total.....	\$9,050,216 19
Notes, Bills and Bonds Issued.	
Corporate stock notes.....	\$3,534,575 03
Revenue bills.....	6,024,074 36
Revenue bonds.....	2,800,000 00
Total.....	\$12,358,649 39
Bonds, Notes and Bills Redeemed.	
Bonds of former corporations now included in The City of New York.	\$1,650 00
Notes.....	1,996,404 11
Revenue bonds.....	4,719,671 39
Revenue bills.....	473,106 56
Total.....	\$7,190,832 06

Suits, Court Orders, Judgments, Etc.

Supreme Court, New York County—People ex rel. Tubular Dispatch Company against State Board of Tax Commissioners, etc.; certified copy of order reducing assessment on special franchise for year 1906. A. O. Townsend, attorney.

Court of General Sessions, New York County—People of the State of New York vs. Abraham Roth, \$517.10; copy of affidavits, order and certificate assigning Joseph R. Truesdale as counsel and allowing him \$500 compensation and \$17.10 expenses. Joseph R. Truesdale, attorney.

City Court, City of New York—John Harrigan against Wm. A. Prendergast; copy of summons and complaint. Williams, Folsom & Strouse, attorneys.

Court of General Sessions, New York County—People, on complaint of Grace G. Stern, against Levi Y. Richardson, \$10; certified copy of two orders reversing judgment of conviction and remitting fine of \$10. Bertha Rembaugh, attorney.

Supreme Court, New York County—Gouverneur Slip Pier West, East River, Manhattan; certified copy of order directing payment of award to Harlem River and Portchester Railroad Company. Charles M. Sheafe, Jr., attorney.

Supreme Court, Kings County—Edward M. Richard vs. Hanan Gewertz Company et al.; copy of summons and complaint. Arthur J. Storn, attorney.

Municipal Court, Brooklyn, 1st District—Julius Freyer against City of New York and Harry F. Burns; copy of summons and complaint. Charles A. Wilber, attorney.

Supreme Court, New York County—E. 166th st., The Bronx; notice of motion to confirm report. A. R. Watson, attorney.

Supreme Court, New York County—Amos Calleson against City of New York, Rhinelander Waldo, Commissioner, etc.; copy of summons and complaint, affidavits and bond and order to show cause. Beardsley, Hemmens & Taylor, attorneys.

Supreme Court, New York County—People ex rel. New York Mail & Newspaper Transportation Company against State Board of Tax Commissioners; certified copy of two orders reducing assessments upon special franchises, years 1906 and 1907. Arthur O. Townsend, attorney.

Supreme Court, New York County—E. 222d st., The Bronx; certified copy of order directing payment of award to Lena Scheier, et al. Arthur Knox, attorney.

Supreme Court, New York County—People ex rel. New York Title Insurance Company against Lawson Purdy, et al.; certified copy of order directing reduction of assessment upon real property for year 1913. Henry M. Bellinger, Jr., attorney.

Supreme Court, New York County—Magenta st., The Bronx; certified copy of order directing payment of award to Antonio Marino and another. John Lotito, attorney.

Supreme Court, Kings County—Benson ave., Brooklyn; certified copy of order directing. Edward Hagerty, attorney.

Supreme Court, Kings County—Valeska Kritiz against Mary O'Keefe, et al.; copy of summons and complaint. Weinberg Bros., attorneys.

Supreme Court, Kings County—Hanna Glass against Holbrook, Cabot & Rollins, et al.; notice of institution of action. Fischer & Solomon, attorneys.

Supreme Court, New York County—Hyman Glass against Holbrook, Cabot & Rollins, et al.; notice of institution of action. Fischer & Solomon, attorneys.

Supreme Court, New York County—People ex rel. Leasehold Investor Corporation against Lawson Purdy, et al.; certified copy of two orders reducing assessments upon real property for year 1913. James M. Vincent, attorney.

Supreme Court, New York County—Glover st., etc., The Bronx; certified copy of order directing payment of award to Susie E. Piser. May & Jacobson, attorneys.

Supreme Court, New York County—Cruger ave., The Bronx; certified copy of order directing payment of award to Tammasso Giordano. William D. Cameron, attorney.

Supreme Court, Kings County—Winthrop st., Brooklyn; certified copy of order directing payment of award to Elizabeth Hoffner. Louis H. Pink, attorney.

Supreme Court, New York County—People ex rel. William Kelly against Joseph P. Hennessey et al., \$171.15; copy of bill of costs. Jacob Brenner, attorney.

United States District Court, Southern District of New York—Merritt & Chapman Derrick and Wrecking Company against City of New York; copy of citation. Van Idanting, Duncan & Barker, attorneys.

Supreme Court, Kings County—Philip H. Boice, \$3,145.82; transcript of judgment. Otto B. Schmidt, attorney.

## Claims Filed.

October 14, 1913—Vincenzo De Maria, \$500; personal injuries sustained October 1, 1913, by being run down by a Department of Street Cleaning sprinkler in the vicinity of the ice dock at Wallabout Market, Brooklyn. Harry H. Altman, attorney.

October 14, 1913—Maurice D. Cadman, \$1,787.73; damages to property at Nos. 1449-1451 Fulton st., Brooklyn, by sewer overflow, October 1, 1913.

October 14, 1913—Ames Transfer Company, \$152.80; amount due for sand, gravel and brick, furnished James Garafano & Son and G. C. & A. E. Wheeler, on contract for sewers in W. 171st st., 172d st., 173d st., 174th st. and 175th st. William J. Lamey, attorney.

October 14, 1913—Fischer & Rosenbaum, \$4.50; refund of jury fee paid in 8th District Municipal Court (Louis Raphael vs. Paul Allen).

October 14, 1913—Westchester Lighting Company, interest \$5,523.89, \$12,625.98; amount due for electric arc street lighting furnished in that part of The Bronx formerly a part of the Town of Pelham, January 1, 1900, to August 31, 1913, and interest. Albert E. Arnold, attorney.

October 15, 1913—William Kelly, \$171.15; amount awarded as costs and disbursements in a proceeding entitled Supreme Court, New York County, ex rel. William Kelly against Joseph P. Hennessey et al., etc. Jacob Brenner, attorney.

October 15, 1913—Murphy Brothers, \$1,149.77; balance due for excavating in connection with contract for laying a 30-inch water main on Fresh Meadow road and Union ave., 3d Ward, Queens. N. Taylor Phillips, attorney.

October 15, 1913—S. Merritt Hook & Son, \$50; burial of William A. Soutenburgh, a veteran.

October 15, 1913—Lucy C. Hunter, \$372.75; award for damage parcel No. 15A; in the matter of opening Senator st., from 1st to 5th aves., Brooklyn. John R. McMullen, attorney.

October 15, 1913—Eliza G. Vitt, \$10,000; personal injuries sustained July 12, 1913, due to the dangerous condition of the sidewalk in front of No. 39 Stanley (now Stanton) st., Queens. Joseph S. Weinberger, attorney.

October 15, 1913—George Swindell, \$2,000; personal injuries sustained September 17, 1913, due to the dangerous condition of the sidewalk on the north side of Flood's alley, Brooklyn. Julius L. Mitchell, attorney.

October 15, 1913—William J. Montgomery, \$200; damages to automobile October 1, 1913, by running into a hole in 8th ave. at 53d st., Manhattan, Jerome C. Lewis, attorney.

October 16, 1913—Lehigh Valley Transportation Co., \$2,000; damages to steam tug "Luzerne" June 20, 1913, by being struck by an iron truss extending below the lawful floor of the draw on the Willis ave. bridge. Harrington, Bigham & Engler, attorneys.

October 16, 1913—Edward Leahy, \$1,000; personal injuries sustained September 22, 1913, due to a deep depression in the pavement near the car tracks at Park and Bedford ayes, Brooklyn. George H. Bruce, attorney.

October 16, 1913—Bradley Contracting Company, \$10,206.87; award for damage parcel No. 13, in the matter of opening Van Alst ave. from Nott ave. to Hoyt ave., Queens. James A. Lynch, attorney.

October 16, 1913—Flanagan Fay Company, \$25; balance due on open market order No. 750 for installing an engine heater in Fire Engine Co., No. 65, house at No. 53 W. 43d st., Manhattan.

October 16, 1913—Allen Hazen, \$250; bill for professional services in connection with filtration of Croton water, appearance at hearing before Mr. Mitchell.

October 16, 1913—Rebecca Small, \$285; damages to property at No. 954 Eastern Parkway, Brooklyn, by sewer overflow, October 1, 1913. Charles Jaffa, attorney.

October 16, 1913—Carl H. Schultz, \$14.45; damages to wagon October 3, 1913, in front of No. 440 1st ave., Manhattan, by Department of Street Cleaning cart.

October 16, 1913—Ed. McCrickert; damages to property at No. 684 Humboldt st., Brooklyn, by sewer overflow.

October 16, 1913—Mrs. Liling, \$25; doctor's bill for son, Matthew, infant, injured at St. George Ferry October 12, 1912.

October 17, 1913—Amelia M. Triebswetter; suit ruined by catching on a spike protruding from a fire hydrant at the northwest corner of Church and Walker sts., Manhattan.

October 17, 1913—Kathryn McCusker, \$5,000; personal injuries sustained July 23, 1913, due to the dangerous coal hole cover in front of No. 271 Myrtle ave., Brooklyn. Walter G. Rooney, attorney.

October 17, 1913—Thomas Murtagh, Infant, by his Guardian, Thomas Murtagh, \$10,000; personal injuries sustained September 8, 1913, by being run over by a Department Street Cleaning cart while sitting on the sidewalk in front of No. 206 E. 95th st., Manhattan. Grant & Rouss, attorneys.

October 17, 1913—Esther Katzman, \$500; personal injuries sustained September 11, 1913, due to a hole in the street on the south side of Delancey st., near Broome st., Manhattan. Benj. A. Hartstein, attorney.

October 17, 1913—Benj. Katzman, \$500; personal injuries sustained by his wife, Esther, as above. Benj. A. Hartstein, attorney.

October 17, 1913—Benjamin Pikofsky, \$500; personal injuries sustained May 3, 1913, by being run down by a Department of Street Cleaning cart while crossing 13th st. between Avenues B and C, Manhattan. Samuel Kornbluth, attorney.

October 17, 1913—Isidor Pikofsky, \$100; personal injuries sustained by his son, Benjamin, as above. Samuel Kornbluth, attorney.

October 17, 1913—S. Rentlinger, \$6; damages to van October 4, 1913, at 114th st. and 8th ave., Manhattan, by Department of Street Cleaning cart.

October 17, 1913—Clara W. Leavitt, \$500; damages to property at No. 56 W. 11th st., Manhattan, by sewer overflow, during the past month.

October 18, 1913—Nathan Levine; personal injuries sustained October 8, 1913, by a City employee suddenly opening the cover to an area shaft in front of Public Bath at No. 7 Rutgers place, Manhattan. Nathaniel H. Kramer, attorney.

October 18, 1913—Jacob Steile, \$201.11; damages to property at No. 625 Evergreen ave., Brooklyn, by sewer overflow August 1 and 6, 1913. Harry E. Lewis, attorney.

October 18, 1913—Hudson Fulton Realty Co., \$225; damages to property at No. 625 Evergreen ave., Brooklyn, by sewer overflow August 1 and 6, 1913. Harry E. Lewis, attorney.

October 18, 1913—Josephine Rezzano, \$600; award for damage parcel No. 34, in the matter of regulating and grading Cromwell ave. from Jerome ave. to Macombs road, The Bronx. Lawrence E. French, attorney.

October 18, 1913—Frank Gass, \$100; award for damage parcel No. 6A; in the matter of opening and extending Theriot ave., Leland ave., The Bronx. Lawrence E. French, attorney.

October 18, 1913—Jane Kelleher, \$25; award for damage parcel No. 1D; in the matter of opening and extending Theriot ave., Leland ave., The Bronx. Lawrence E. French, attorney.

October 18, 1913—Assignee of Charles A. Lannester, \$950; award for damage parcel No. 1J, 1JJ, 1H; in the matter of opening and extending Theriot ave., Leland ave., The Bronx. Lawrence E. French, attorney.

October 18, 1913—Antonio Perino, \$25; award for damage parcel No. 2I; in the matter of opening and extending Theriot ave., Leland ave., The Bronx. Lawrence E. French, attorney.

October 18, 1913—Edmund and Selma Peterson, \$225; award for damage parcel No. 2D, 2DD; in the matter of opening and extending Theriot ave., Leland ave., The Bronx. Lawrence E. French, attorney.

October 18, 1913—Fred Roppe, \$2,059.32; award for damage parcel No. 1N, 1NN; in the matter of opening and extending Theriot ave., Leland ave., The Bronx. Lawrence E. French, attorney.

October 18, 1913—Pipe and Contractors Supply Co., \$7.50; refund of amount paid October 17, 1913, to Bureau of Incumbrances for the release of their truck wrongfully taken from in front of No. 343-353 E. 123d st.

October 18, 1913—Louis Halle; refund of jury fee paid in 8th District Municipal Court in the case of Ida Bob vs. Max Weinstein and another.

October 18, 1913—New York Central & Hudson River R. R. Co., \$811.31; bill covering expenditures on account of the overhead highway bridge at E. 167th st., The Bronx.

October 18, 1913—Charles Miller, \$249; damages to property at 178 Moore st., Brooklyn, by sewer overflow, October 1, 1913. Paul Kahan, attorney.

October 18, 1913—May Lehrfeld; damages to skirt by falling over a big pipe at the curb at Broadway and 21st st., Manhattan, October 9, 1913.

October 18, 1913—Mrs. A. F. Deppert, \$100; personal injuries sustained September 28, 1913, due to the dangerous condition of the sidewalk in front of Nos. 129-193 (houses so numbered) Chestnut st., Brooklyn.

#### Approval of Sureties.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, viz.:

October 14, 1913, Department of Public Charities—For coal. Chas. D. Norton Company, Philadelphia, Pa., principal; New England Casualty Company, surety.

October 14, 1913, Department of Education—For furniture for Public School 175, Brooklyn. H. R. Lennox & Co., 5 Beekman st., principal; Title Guaranty and Surety Company, surety.

October 14, 1913, Department of Education—For furniture for Public School 175, Brooklyn. Richmond School Furniture Company, 16 Court st., principal; American Surety Company, surety.

October 14, 1913, Department of Education—For Item No. 2, plumbing, etc., in Public School 169. Jas. Harley Plumbing Company, 870 Flatbush ave., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 14, 1913, Department of Water Supply, Gas and Electricity—For valves, etc., Manhattan and The Bronx, section 3. Crane Company, 490 Cherry st., New York, principal; American Surety Company, surety.

October 14, 1913, Department of Public Charities—For heating, ventilation, etc. Albert Winternitz, 237 E. 72d st., New York, principal; Southern Surety Company, surety.

October 15, 1913, Department of Education—For heating, etc., in new Public School 22, Richmond. Wells & Newton Company, 292 Avenue B, principal; New England Casualty Company, surety.

October 15, 1913, Department of Education—For furniture for Public School 175, Brooklyn. Schoverling, Daly & Gales, 302 Broadway, principal; Fidelity and Deposit Company of Maryland, surety.

October 15, 1913, President, Borough of Brooklyn—For grading, etc., 77th st. Nicola Caponia, 1320 65th st., Brooklyn, principal; Massachusetts Bonding and Insurance Company, sureties.

October 15, 1913, Department of Public Charities—For additional buildings, Greenpoint Hospital. Albert Winternitz, 237 E. 72d st., New York, principal; New England Casualty Company and Southern Surety Company, sureties.

October 15, 1913, Department of Water Supply, Gas and Electricity—For valves, etc., sections 3 and 4. The A. P. Smith Manufacturing Company, East Orange, N. J., principal; Southern Surety Company, surety.

October 18, 1913, Department of Education—For plumbing, etc., in Public School 170, Brooklyn. J. J. Kenny Company, 236 W. 20th st., principal; U. S. Fidelity and Guaranty Company, surety.

October 16, 1913, Department of Education—For furniture for Public School 175, Brooklyn. Abraham & Straus, 420 Fulton st., Brooklyn, principal; Fidelity and Casualty Company of New York, surety.

October 16, 1913, President, Borough of Brooklyn. For sewer basins on 21st ave. D. Donegan Company, 5904 14th ave., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 16, 1913, Department of Education—For Item No. 1, construction of addition to Public School 169. Libman Construction Company, 107 W. 46th st., New York, principal; New England Casualty Company, Title Guaranty and Surety Company, sureties.

October 16, 1913, Department of Education. For electric equipment in Bay Ridge High School. Commercial Construction Company, 8 Bridge st., New York, principal; New England Casualty Co., surety.

October 16, 1913, Department of Docks and Ferries—For repairs to paving stone. O'Brien Bros., Inc., 54 South st., New York, principal; Globe Indemnity Company, Equitable Surety Company, sureties.

October 16, 1913, Board of Elections—For official and sample ballots, etc., for the general election November 4, 1913. M. B. Brown Ptg. & Bdg. Co., 53 Park place, New York, principal; Globe Indemnity Co., surety.

October 16, 1913, President, Borough of Brooklyn—For regulating, etc., Vandervoort ave. J. H. Niebling, 95 N. Oxford st., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 16, 1913, President, Borough of Brooklyn—For regulating, etc., Georgia ave. J. H. Niebling, 95 N. Oxford st., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 17, 1913, Department of Docks and Ferries—For supplies. R. W. Geldart, No. 2 Stone st., principal; Casualty Company of America, surety.

October 17, 1913, Department of Docks and Ferries—For supplies. H. G. Russell, 101 Park ave., principal; certified check, surety.

October 17, 1913, President, Borough of Brooklyn—For regulating, etc., Barbey st., etc. Joseph Jennings, 277 Euclid ave., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 17, 1913, President, Borough of Brooklyn—For sewer in Bullion st. Joseph Jennings, 277 Euclid ave., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 17, 1913, Department of Public Charities—For dry goods. The Manhattan Supply Company, 115 Franklin st., principal; New England Casualty Company, surety.

October 17, 1913, Department of Public Charities—For repairing, etc., steamer "Fidelity." James Shewan & Sons, W. 27th st., Brooklyn, principal; The Aetna Accident and Liability Company, surety.

October 17, 1913, Department of Public Charities—For repairs, etc., to the steamer "The Lowell." James Shewan & Sons, W. 27th st., Brooklyn, principal; The Aetna Accident and Liability Co., surety.

October 17, 1913, Department of Public Charities—For supplies. F. S. Banks & Co., 149 Church st., principal; The Aetna Accident and Liability Company, surety.

October 18, 1913, President, Borough of Brooklyn—For West st. sewer. E. Ghelardi, 1217 47th st., Brooklyn, principal; Fidelity and Deposit Company of Maryland, surety.

October 18, 1913, Fire Department—For steam heating system in Mount Hope Building, The Bronx. Jno. Hankin & Bro., 550 W. 25th st., principal; Massachusetts Bonding and Insurance Company, surety.

October 18, 1913, Fire Department—For steam heating system in Thomson Avenue Building, Queens. Jno. Hankin & Bro., 550 W. 25th st., principal; Massachusetts Bonding and Insurance Company, surety.

October 18, 1913, Fire Department—For steam heating system in Main Street Building, Queens. Jno. Hankin & Bro., 550 W. 25th st., principal; Massachusetts Bonding and Insurance Company, surety.

October 18, 1913, Department of Water Supply, Gas and Electricity—For transporting pumping engine from Station 1 to Station 2, New Lots. Evans, Almirall & Co., 1 Dominick st., New York, principal; New England Casualty Co., surety.

October 18, 1913, Department of Parks—For shelter pavilion in Zoological Park. The Bronx. Elton Contracting Company, 2304 3d ave., principal; Title Guaranty and Surety Company, surety.

October 18, 1913, Department of Parks—For cement walk on Ocean Parkway. Brooklyn. H. S. Blake, 371 Fulton st., Brooklyn, principal; National Surety Company, surety.

October 18, 1913, Department of Education—For temperature regulation in Public School 176, Brooklyn. National Regulator Co., 7 E. 42d st., principal; Fidelity and Deposit Company of Maryland, surety.

October 18, 1913, Department of Education—For construction of new Public School 170, Brooklyn. Thos. McKeown, Inc., 103 Park ave., principal; Illinois Surety Company, U. S. Fidelity and Guaranty Company, sureties.

#### Opening of Proposals.

The Comptroller by representative attended the opening of proposals at the following departments, viz.:

October 13, 1913, Police Department—For 650 automatic hammerless pistols.

October 14, 1913, President of the Borough of Richmond—For regulating and grading Castleton ave., from Jewett ave. to Simonson place, etc.

October 14, 1913, Department of Education—For installing fire alarm telegraph system in Public Schools 5, 8, 90, 119 and 169, Manhattan; for repairs to Public Schools 13, 49 and 70, Manhattan; for fire protection work at Public School 177, Manhattan; for alterations and repairs to heating and ventilating apparatus in the New York Parental School, Flushing; for fire extinguishers in various schools in Brooklyn, and for alterations and addition to the electrical equipment in Public School 20, Brooklyn.

October 15, 1913, President of the Borough of Brooklyn—For sewers in various streets, and regulating, grading and paving and repaving various streets with asphalt.

October 15, 1913, Water Supply, Gas and Electricity—For a surface condenser and air pump in the Clove Pumping Station, together with all appurtenances for the South Street Pumping Station gate valves in the Bowery, south of E. Houston st., and for furnishing 3,000 feet of wrought iron pipe and 45 pair of rubber boots, etc. For gasolene engine and pump in the sewage disposal plant at Mount Kisco, Westchester County, and for improving the old Croton Aqueduct, section 1, and installing a concrete wall in shaft No. 26. Section No. 2—For dismantling and transferring one pumping engine now in the Hook Creek Pumping Station, etc. Section No. 3—For erecting a new engine fountain, etc., in the 179th Street Pumping Station, Manhattan.

October 15, 1913, President of the Borough of Manhattan—For paving with bituminous concrete Kingsbridge ave., from 233d st. to 234th st., and Morris ave., from E. 176th st. to E. 170th st. For paving with granite blocks, E. 170th st., from Bristol st. to Wilkins place. For regulating, grading, setting curb, flagging sidewalks in W. 234th st. from Kingsbridge ave. to a point 150 feet west of Tibbett ave., etc.

October 16, 1913, Park Department—For furnishing plate glass for the Metropolitan Museum of Art.

October 16, 1913, Bridge Department—For installing metal railings, counters, etc., in the Municipal Building.

October 16, 1913, President of the Borough of Manhattan—For regulating, grading and repaving with wood block pavement, Duane st., 8th st., 13th st., and 53d st., etc.

October 17, 1913, Docks and Ferries—For furnishing and delivering Portland Cement, sand, broken stone and rope.

Respectfully, EDMUND D. FISHER, Deputy and Acting Comptroller.

#### Borough of Brooklyn.

Abstract of minutes of a duly advertised meeting of the Local Board of the Prospect Heights District at a meeting of said Board held Friday, November 14, 1913, at 2.30 p. m.

The roll was called and the following members answered to their names: Hon. George W. Tillson, Acting Commissioner of Public Works, presiding; Aldermen Doherty and Stevenson.

On motion of Alderman Doherty the

minutes of meeting held October 24, 1913, were approved.

The Secretary presented resolutions initiating the following improvements:

No. 266. That the lots lying on the north side of 7th st. between 4th and 5th aves., known as Nos. 71, 72 and 73, block 993, be enclosed with a board fence six feet high, at the expense of the owner or owners of said lots. Estimated cost, \$25; assessed valuation, \$4,700, which on motion of Alderman Stevenson was unanimously adopted.

No. 267. That a strip five feet in width be graded to the level of the curb along the front of lot lying on the north side of Bergen st. between Grand and Classon aves., known as No. 66, Block 1141, at the expense of the owner or owners of said lot. Estimated cost, \$75; assessed valuation, \$1,900, which on motion of Alderman Stevenson was laid over.

No. 267. That the lots lying on the north side of Bergen st. between Grand and Classon aves., known as No. 66, and portions of Nos. 65 and 67, block 1141, be enclosed with a board fence six feet high at the expense of the owner or owners of said lots. Estimated cost, \$14; assessed valuation, \$6,100, which on motion of Alderman Stevenson was unanimously adopted.

No. 268. That the vacant lot lying on the north side of 6th st. between 8th ave. and Prospect Park West, in block 1085, lot No. 61, be enclosed with a board fence six feet high at the expense of the owner or owners of said lots. Estimated cost, \$15; assessed valuation, \$5,400. On motion of Commissioner Tillson the resolution was unanimously adopted.

No. 270. That the lot lying on the northeast corner of 8th ave. and 3d st., known as No. 1, block 1079, be enclosed with a board fence six feet high at the expense of the owner or owners of said lot. Estimated cost, \$95; assessed valuation, \$26,000, which on motion of Alderman Stevenson was laid over.

Meeting adjourned.  
REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised meeting of the Local Board of the Bay Ridge District, held Friday, November 14, 1913, at 2.35 p. m.

The roll was called and the following members answered to their names: Hon. George W. Tillson, Acting Commissioner of Public Works, presiding; Aldermen Molen, Kenney and Dunn.

On motion of Aldermen Molen the minutes of meeting held October 24, 1913, were approved.

The Secretary presented resolutions initiating the following improvements:

No. 424. To rescind resolution of June 20, 1912, initiating proceedings to lay a permanent granite block pavement on 44th st. between 1st and 2d avenues. On motion of Alderman Dunn the resolution was unanimously adopted.

No. 1470. To lay a preliminary or permanent asphalt pavement on 6th ave. from 75th st. to 79th st., which was amended to read as follows:

"To lay a permanent asphalt pavement on a 6-inch concrete foundation on 6th ave. from 75th st. to 79th st.," which on motion of Alderman Dunn was unanimously adopted as amended.

No. 1475. To construct a sewer basin on 4th ave. at the north corner of Marine ave. at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basin. Estimated cost, \$200; assessed valuation, \$22,300, which on motion of Alderman Dunn was unanimously adopted.

No. 1397. To rescind resolution of November 14, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on 45th st. from Fort Hamilton ave. to 10th ave., which on motion of Alderman Dunn was unanimously adopted.

Meeting adjourned.  
REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised meeting of the Local Board of the New Lots District held Friday, November 14, 1913, at 2.40 p. m.

The roll was called and the following members answered to their names: Hon. George W. Tillson, Acting Commissioner of Public Works, presiding; Alderman Eichhorn.

On motion of Alderman Eichhorn the minutes of meeting held October 8, 1913, were approved.

The Secretary presented resolutions initiating the following improvements:

No. 346. To lay a preliminary or permanent asphalt pavement on Warwick st. from Sutter ave. to Livonia ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Warwick st. from Sutter ave. to Livonia ave.," which on motion of Commissioner Tillson was adopted as amended.

No. 346. To rescind resolution of February 27, 1913, initiating proceedings to

lay a preliminary asphalt pavement on a 4-inch concrete foundation on Warwick st. from Sutter ave. to Blake ave.

Owing to a typographical error the resolution was withdrawn.

No. 570. To construct a sewer in Atkins ave. between Blake ave. and New Lots ave., which was adopted.

No. 571. To construct sewer basins on Dumont ave. at the northwest and southwest corners of Miller ave. at the expense of the owner or owners of the lots fronting on the portions of the streets draining into said basins. Estimated cost, \$400; assessed valuation, \$116,400, which was adopted.

No. 569. To construct a sewer in Woodbine st. from Irving ave. to Knickerbocker ave.

On motion of Alderman Eichhorn the resolution was laid over.

No. 553. To construct a sewer in Williams ave. from Louisiana ave. to Hegeman ave., which was adopted.

No. 275. Bush. To lay a preliminary or permanent asphalt pavement on Sterling place from Eastern Parkway Extension to East New York ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Sterling place from Eastern Parkway Extension to East New York ave.," which on motion of Commissioner Tillson was adopted as amended.

No. 275. Bush. To rescind resolution of June 27, 1912, initiating proceedings to lay a preliminary asphalt block pavement on a 4-inch concrete foundation on Sterling place from Eastern Parkway Extension to East New York ave., which was adopted.

No. 542. To construct a sewer basin on Sunnyside ave. at the northwest corner of Sunnyside court, at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basin. Estimated cost, \$200; assessed valuation, \$89,400, which was adopted.

No. 575. That the lot lying on the southeast corner of Liberty ave. and Watkins st., known as No. 13, block 3503, be enclosed with a board fence 6 feet high at the expense of the owner or owners of said lot. Estimated cost, \$90; assessed valuation, \$11,000, which was adopted.

Meeting adjourned.  
REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised meeting of the Local Board of the Flatbush District held Friday, November 14, 1913, at 2.50 p. m.

The roll was called and the following members answered to their names: Hon. George W. Tillson, Acting Commissioner of Public Works, presiding; Aldermen Bosse, Esterbrook and Morrison.

On motion of Alderman Bosse the minutes of meeting held October 24, 1913, were approved.

The Secretary presented resolutions initiating the following improvements:

No. 1954. To lay cement sidewalks five feet in width where necessary on W. 16th st. from Mermaid ave. to Neptune ave., at the expense of the owner or owners of lots in front of which the sidewalks are to be laid. Estimated cost, \$700; assessed valuation, \$117,500, which on motion of Alderman Bosse was unanimously adopted.

No. 1972. To construct a sewer in E. 27th st. from Avenue N to Kings Highway, which on motion of Alderman Bosse was unanimously adopted.

No. 1973. To construct a sewer in Malbone st. between New York and Brooklyn aves., which was amended to read as follows:

"To construct a sewer on the south side of Malbone st. between New York and Brooklyn aves.," which on motion of Alderman Morrison was unanimously adopted as amended.

No. 1980. To construct a sewer basin on Neptune ave. at the southwest corner of Ocean parkway, at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basin. Estimated cost \$200; assessed valuation \$20,000, which on motion of Alderman Bosse was unanimously adopted.

No. 1956. To regulate, grade, set cement curb and lay cement sidewalks where necessary on Avenue M from E. 16th st. to E. 17th st., which was amended to read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Avenue M from E. 16th st. to a property line about 60 feet west of E. 17th st.," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 1981. To lay a preliminary or permanent asphalt pavement on Avenue M from E. 16th st. to E. 17th st., which was amended to read as follows:

"To lay a permanent asphalt pavement on a 5-inch concrete foundation on Avenue M from E. 16th st. to E. 17th st.," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 1632. To lay a preliminary or permanent asphalt pavement on Bay Ridge ave. (69th st.) from New Utrecht ave. to

17th ave., where not already paved, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Bay Ridge ave. (69th st.) from New Utrecht ave. to 17th ave., where not already paved," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 1632. To lay a preliminary or permanent asphalt pavement on Bay Ridge ave. (69th st.) from 17th ave. to 18th ave., where not already paved, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Bay Ridge ave. (69th st.) from 17th ave. to 18th ave., where not already paved," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 1632. To rescind resolution of October 9, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 69th st. from New Utrecht ave. to 18th ave., where not already paved, which on motion of Alderman Bosse was unanimously adopted.

No. 1971. That the vacant lots lying on the north side of St. Johns place between Utica and Schenectady aves., known as Nos. 57, 64 and 66, block 1378, be enclosed with a board fence six feet high at the expense of the owner or owners of said lots. Estimated cost \$85; assessed valuation, \$18,450. On motion of Alderman Morrison the resolution was laid over until next meeting.

No. 1971. That cement sidewalks five feet in width be laid on the north side of St. Johns place between Utica and Schenectady aves., beginning at a point 100 feet west of Utica ave. and extending westerly about 180 feet, at the expense of the owner or owners of lots in front of which the sidewalks are to be laid. Estimated cost \$150; assessed valuation, \$18,450, which on motion of Alderman Morrison was unanimously adopted.

No. 703. To regulate, grade, set curb and lay cement sidewalks on Canarsie lane between New York and Schenectady aves., which was amended to read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Canarsie lane between New York and Schenectady aves.," which on motion of Alderman Morrison was unanimously adopted as amended.

No. 703. To rescind resolution of August 30, 1912, initiating proceedings to regulate, grade, set cement curb on concrete and lay cement sidewalks on Canarsie lane, between Nostrand and Schenectady aves., which on motion of Alderman Morrison was unanimously adopted.

No. 903. B. R. To construct a sewer in W. 30th st. from Surf ave. southerly 360 feet, which on motion of Alderman Bosse was unanimously adopted.

No. 903. B. R. To lay a preliminary or permanent asphalt pavement on W. 30th st. from Surf ave. to a line about 360 feet south of Surf ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on W. 30th st. from Surf ave. to a line about 360 feet south of Surf ave.," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 903. B. R. To lay a preliminary or permanent asphalt pavement on W. 30th st. from Mermaid to Surf aves., excluding the portion of W. 30th st. occupied by the New York and Coney Island Railroad Company, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on W. 30th st. from Mermaid ave. to Surf ave., excluding the portion of W. 30th st. occupied by the New York and Coney Island Railroad Company," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 903. B. R. To rescind resolution of October 8, 1913, initiating proceedings to lay a preliminary asphalt pavement on a 5-inch concrete foundation on W. 30th st. from Mermaid ave. to a line about 360 feet south of Surf ave., excluding the portion of W. 30th st. occupied by the New York and Coney Island Railroad Company, which on motion of Alderman Bosse was unanimously adopted.

No. 1988. To regulate, grade, set curb and lay cement sidewalks on 79th st. from 15th ave. to 17th ave., which was amended to read as follows:

"To regulate, grade and lay cement sidewalks on 79th st. from 15th ave. to 17th ave.," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 1947. To lay out 20-foot malls in the centre of 84th st., between 16th and 18th aves. On motion of Commissioner Tillson the resolution was laid over.

Mr. Connors was requested to file a new petition for the block between 17th and 18th aves.

No. 1947. To park a strip 20 feet in width in the centre of 84th st. and to set the necessary curbs therefor, between 16th and 18th aves., and to lay a preliminary or permanent asphalt pavement on the remaining portion of the roadway of 84th st. between 16th and 18th aves., which on

motion of Commissioner Tillson was laid over.

No. 1909. To amend resolution of July 2, 1913, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks where not already laid on E. 40th st. from Avenue I to Avenue K, by omitting that portion of E. 40th st. from Avenue I to Avenue J, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on E. 40th st. from Avenue J to Avenue K," which on motion of Alderman Morrison was denied.

No. 1989. To lay a preliminary or permanent asphalt pavement on Terrace place from Prospect ave. to Coney Island ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Terrace place from Prospect ave. to Coney Island ave.," which on motion of Alderman Bosse was unanimously adopted.

No. 1985. To lay a preliminary or permanent asphalt pavement on Montgomery st. from Nostrand ave. to New York ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Montgomery st. from Nostrand ave. to New York ave.," which on motion of Alderman Morrison was unanimously adopted.

No. 1993. To regulate, grade, set cement curb and lay cement sidewalks on E. 18th st. from Avenue M to Avenue N, which on motion of Alderman Bosse was unanimously adopted.

No. 1969. That the lots lying on the north side of Malbone st. between Rogers and Nostrand aves.; on the east side of Rogers ave. between Malbone and Sullivan sts. and on the south side of Sullivan st. between Rogers and Nostrand aves., known as Nos. 1, 5, 22, 52, 56 and 59, block 1308, be enclosed with a board fence six feet high at the expense of the owner or owners of said lots. Estimated cost \$300; assessed valuation, \$31,200, which on motion of Alderman Morrison was laid over until next meeting.

No. 1743. To construct a sanitary sewer in W. 37th st. from Surf ave. southerly about 245 feet, which on motion of Alderman Bosse was unanimously adopted.

No. 1699. To regulate, grade, set cement curb and lay cement sidewalks on W. 37th st. from Neptune ave. to a line about 260 feet south of Surf ave., and to construct the necessary bulkhead, which was amended to read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on W. 37th st. from Neptune ave. to a line about 260 feet south of Surf ave., omitting the land occupied by the New York and Coney Island Railroad Company," which on motion of Alderman Bosse was unanimously adopted as amended.

No. 1699. To regulate, grade, set cement curb and lay cement sidewalks on W. 37th st. from Bay View ave. to Neptune ave., and to construct the necessary bulkhead, which on motion of Alderman Bosse was unanimously adopted.

No. 1699. To rescind resolution of November 14, 1912, initiating proceedings to regulate and grade W. 37th st. from Bay View ave. to the bulkhead about 260 feet south of Surf ave., between the easterly street line and a line 48 feet west and parallel therewith, and for setting cement curb on both sides and laying cement sidewalks on the east side, omitting the land occupied by the New York and Coney Island Railroad Company, which on motion of Alderman Bosse was unanimously adopted.

Meeting adjourned.  
REUBEN L. HASKELL, Borough Secretary.

Commissioner of Public Works.  
For the week ending November 15, 1913.  
Bureau of Public Buildings and Offices.  
During the week ending November 15, 1913, the Bureau of Public Buildings and Offices issued twenty-two (22) orders for supplies and sixty-seven (67) orders for repairs, making a total of eighty-nine (89) orders for the week. Bills aggregating \$1,299.54 were signed and forwarded to the Department of Finance for audit and payment.

Appointments: Michael A. Cribben, 1033 3d ave., New York City, Watchman, \$900, November 3, 1913.

Bureau of Incumbrances and Permits.  
Complaint Department: Department of Street Cleaning, 5; Bureau of Complaints, 4; mail, 36; office, 9; Inspectors, 6. Classification and Disposal: Boulders removed, 11; trees and limbs removed, 13; miscellaneous, 19 loads earth, etc. (poles).

Inspectors' Department—Complaints made, 36; complaints settled, 60; slips settled, 188; Inspectors' slips OK'd, 10.

Permit Department—Permits: Building material, 26; crosswalks, 25; special, 128; vault repairs, 6; cement walks, 45; driveways, 19; electric companies, 81; railroad companies, 23; gas companies, 207; water companies, 44; sewer and oil duct, 6.

Cashier's Department—Moneys received: Repaving over water connections, \$1,072.45; repaving over sewer connections, \$272; inspection of work done by corporations, \$94; extra paving, \$38.70;

special paving, \$718.60; vaults, \$24; railroads (C. P. B. No. 32), \$5,165.85; total amount, \$7,385.60.

Assistant Commissioner of Public Works.

The following is a list of contracts awarded during week ending November 15, 1913: 1—Grade, curb and lay sidewalks on Montgomery st. from Kingston ave. to Albany ave., Joseph J. McKenna, 1386 Sterling place, Brooklyn; \$5,513.45. 2—Grade, curb and lay sidewalks on Crown st. from Kingston ave. to Albany ave., J. J. McKenna, 1386 Sterling place, Brooklyn; \$5,633.46. 3—Grade, curb and lay sidewalks on Webster ave., from Gravesend ave. to 47th st., Ulrich & Co., 939 Lafayette ave., Brooklyn; \$1,160.80. 4—Grade, curb and lay sidewalks on W. 36th st. from Neptune ave. to Canal ave., John J. Guinan Contracting Co., 2310 Gravesend ave., Brooklyn; \$2,593.50. 5—Paving with preliminary asphalt, on concrete, Union st. from Franklin ave. to Bedford ave., Uvalde Contracting Company, 1 Broadway, New York City; \$6,174.75. 6—Paving with preliminary asphalt, on concrete, President st. from Franklin ave. to Bedford ave., Uvalde Contracting Company, 1 Broadway, New York City; \$6,169.25. 7—Paving with preliminary asphalt, on concrete, Amboy st. from Sutter ave. to Blake ave., Uvalde Contracting Company, 1 Broadway, New York City; \$3,312.05. 8—Paving with permanent asphalt, on concrete, Saratoga ave., from Pitkin ave. to Sutter ave., Uvalde Contracting Company, 1 Broadway, New York City; \$9,691. Sewer in Riverdale ave., between Douglass st. and Saratoga ave., F. A. Pellegrino Construction Company, 6808 New Utrecht ave., Brooklyn; \$678.63. 9—Sewer in 71st st., from 15th ave. to New Utrecht ave., etc., F. A. Pellegrino Construction Company, 6808 New Utrecht ave., Brooklyn; \$2,679.11. 10—Sewers in E. 95th st. from Clarkson ave.

Laboring Force Employed During the Week.

	Stokers, Etc.	Inspectors of Construction.	Inspectors of Sewer Connections.	Foremen.	Stationary Engineers.	Inspectors of Sewers and Basins.	Mechanics.	Labors.	Horses and Carts.
Repairing and cleaning sewers...	12	9	7	1	77	23			
Street Improvement Fund .....	44				16				
26th Ward disposal works .....	4			4	13				
31st Ward disposal works .....	10		1	9	18				
Cleaning large B. & C. sewers ..		1			8				
Gowanus station .....			2		2				

Bureau of Highways, Division of Street Repairs.

November 13, 1913.

Force employed on repairs to street pavements: Foremen, 37; Mechanics, 97; Laborers, 226; horses and wagons, 31; horses and carts, 2; teams, 45.

Work done by connection gangs: Miscellaneous openings repaired, 17; water and sewer connections repaired, 30; corporation openings repaired, 58; dangerous holes repaired and made safe, 194; complaints received, 171; defects remedied, 111.

Work Done by Repair Gangs.

	Con- Re- pairs.	Con- nec- tions.
T. and G. granite.....	1,608	946
Sand granite .....	5,946	346
Belgian .....	165	178
Cobbles .....	1	1
Medina .....	2	2
Brick .....	65	36
Wood block .....	21	78
Asphalt block .....		571
Macadam .....		
Total .....	7,805	2,158

123 cubic yards stone crushed; 221 miles of streets sprinkled; water; 34 linear feet wooden drain and 2 cesspools cleaned. Total number of square yards of pavement repaired, 9,963; linear feet of curbing reset (and cement), 198; square feet of bridging relaid, 100; square feet of flagging relaid, 25,412; square feet of cement walk, 2,305; linear feet of foundation under curb, 106; brick walk relaid, 75.

Force employed on macadam and unimproved roadways: Foremen, 16; steam rollers, 4; Mechanics, 10; Laborers, 126; horses and wagons, 10; teams, 27; sprinklers, 14; horses and carts, 9.

Dirt roadway repaired and cleaned, by hand, square yards, 13,576; dirt roadway repaired and cleaned, by machine, square yards, 50,285; sidewalk repairs and dirt, square yards, 1,495; loads of material hauled to work, 1,407; loads of material hauled to dump, 538; macadam repairs, square yards, 3,280.

Asphalt Plant—Force at plant: Superintendent, 1; Foremen, 2; Engineers, 2; Automobile Engineer, 1; Stokers, 2; Asphalt Workers, 16; Laborer, 1; wearing surface, boxes, 1,210; binder, boxes, 230.

Force on Maintenance: Foremen, 4; Engineers, 5; Asphalt Workers, 80; trucks,

to Avenue A, Angelo Pains, 694 Degraw st., Brooklyn; \$12,375.79. 11—Sewer in Slocum place from Coney Island ave. to E. 11th st. (now Stratford road), James G. Gorman, 371 Fulton st., Brooklyn; \$909.85. 12—Sewer in Snediker ave. from Newport st. to New Lots road, E. Ghelardi Contracting Company, Inc., 1217 47th st., Brooklyn; \$1,425.12. 13—Sewer in 70th st. from end of existing sewer about 159 feet east of 17th ave. to 18th ave., R. Nazaro Company, 6509 11th ave., Brooklyn; \$1,716.02. 14—Sewer in E. 4th st. between Fort Hamilton and Caton aves., Frank Merendino, Inc., 556a 17th st., Brooklyn; \$981.58. 15—Sewer in 77th st. from 17th ave. to 18th ave., etc., Albert F. Koch, Inc., 352 Palisade ave., Jersey City, N. J.; \$2,667.56.

Bureau of Sewers.

Moneys received: For sewer permits, \$1,246.98. Number of permits issued, 132; for new sewer connections, 99; for old sewer connections (repairs), 33; Engineer's report and maintenance ends Saturday, November 15, 1913.

Linear feet 6-inch sewers built, 2,959; linear feet sewer built 24-inch to 90-inch, 1,168; linear feet pipe sewer built, 3,036; total number of feet sewer built, 4,204; number of manholes built, 28; number of basins built, 15; number of feet sewer repaired, 34; number of basins repaired, 31; linear feet of pipe sewers cleaned, 72,950; linear feet of sewers examined, 83,215; number of basins cleaned, 783; number of basins examined, 677; manhole covers put on, 12; number of basin pans set, 5; number gallons sewage pumped, 26th Ward, 71,334,500; number gallons sewage pumped, 31st Ward, 39,355,020; cubic feet sludge pumped, 26th Ward, 48,320; cubic feet sludge pumped, 31st Ward, 21,587; complaints examined, 10; manholes repaired, 16.

Laboring Force Employed During the Week.

	Stokers, Etc.	Inspectors of Construction.	Inspectors of Sewer Connections.	Foremen.	Stationary Engineers.	Inspectors of Sewers and Basins.	Mechanics.	Labors.	Horses and Carts.
Repairing and cleaning sewers...	12	9	7	1	77	23			
Street Improvement Fund .....	44				16				
26th Ward disposal works .....	4			4	13				
31st Ward disposal works .....	10		1	9	18				
Cleaning large B. & C. sewers ..		1			8				
Gowanus station .....			2		2				

15; wearing surface laid, cubic feet, 9,248.9; binder, cubic feet, 1,455.2.

Force on Openings: Foremen, 2; Engineers, 2; Asphalt Workers, 22; trucks, 8. Bureau of Buildings.

Record of operations for week ending November 15, 1913:

Plans filed for new buildings, brick, 50, estimated cost, \$369,900; plans filed for new buildings, frame, 42, estimated cost, \$132,925; total, new buildings, 92, \$502,825. Plans filed for alterations, 89, estimated cost, \$58,420; cost of book ships, \$3,580; grand total, 181, \$569,825. Unsafe cases filed, 7; violation cases filed, 85; unsafe notices issued, 7; violation notices issued, 85; cases referred to Counsel, 86.

L. H. POUNDS, President, Borough of Brooklyn.

### Changes in Departments, Etc.

#### DEPARTMENT OF FINANCE.

December 15, 1913—John C. Hoefling, Deputy Auditor of Accounts, Auditing Bureau, Main Division, services ceased as of the close of business, December 8, 1913. Patrick J. Fearon, 329 55th st., Brooklyn, appointed as Temporary Bookkeeper in the Auditing Bureau, Division of Expert Accounting, at \$1,200 per annum, taking effect as of December 4, 1913. Samuel S. Klauber, Temporary Searcher, Brooklyn Office, Bureau for the Collection of Assessments and Arrears, resigned as of the close of business December 11, 1913.

#### DEPARTMENT OF PARKS.

Borough of The Bronx.  
December 16, 1913—Joseph Rea, 354 E. 136th st., Park Laborer, discharged. Boroughs of Manhattan and Richmond.  
Employed under Civil Service rule 12, paragraph 4 (for fifteen days) December 13, 1913, James Dolan, Foreman, 551 3d ave., \$3.50 per day; extension, for fifteen days, of employment under Civil Service rule 12, paragraph 4, December 13, 1913, James McCormack, Foreman, 2535 Hughes ave., \$3.50 per day.

December 16, 1913—Pay fixed, to take effect January 1, 1914: Edwin C. Gregory, Assistant Engineer, \$2,750 per annum; Arthur Herbert, Assistant Engineer, \$2,750 per annum; William C. Bunting, Assistant Engineer, \$2,750 per annum; Calvin H. Warren, Topographical Draftsman, \$1,650 per annum; Christopher A. Farrell, Rodman, \$1,200 per annum; John F. Dunn, Jr., Rodman, \$1,200 per annum; Harry Devenoge, Rodman, \$1,200 per annum; Johanna E. Korth, Stenographer and Typewriter, \$1,200 per annum; Joseph O'Con-

nell, Clerk, \$1,200 per annum; Henrietta Rothstein, Clerk, \$1,050 per annum; Jennie M. Fox, Telephone Operator, \$900 per annum; Albert Silver, Clerk, \$480 per annum; Joseph Lettis, Clerk, \$480 per annum.

Borough of Queens.

December 12—Ernest M. Roggelin, 38 Lexington ave., Maspeth, L. I., Foreman at \$3 per day, discharged for lack of funds.

Borough of Brooklyn.

December 15, 1913—Resigned, December 12, 1913: John Martin, Park Laborer, 99th st. and 3d ave., Brooklyn.

#### DEPARTMENT OF DOCKS AND FERRIES.

December 16, 1913—Daniel McLeod, heretofore employed in this Department as a Dock Builder, died on the 15th inst.

#### DEPARTMENT OF BRIDGES.

December 16, 1913—Transfer of James J. Clear, 1335 Prospect place, Brooklyn, from the position of Watchman, to that of Bridge Tender in this Department, at \$900 per annum; said transfer to date from December 18, 1913.

#### PRESIDENT, BOARD OF ALDERMEN.

December 16, 1913—Frank N. Nelson, a Clerk in this office, has been transferred to the office of the Commissioner of Accounts, to take effect at the beginning of business on December 16, 1913.

#### COMMISSIONERS OF ACCOUNTS.

December 16, 1913—Appointed: Joseph F. Brennan, 346 E. 46th st., second grade clerk, annual salary \$900; employment to take effect December 16, 1913.



### OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business and at which the Courts regularly open and adjourn, as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts.

#### CITY OFFICES.

##### MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 5 p. m.; Saturday, 9 a. m. to 12 m.  
Telephone, 8020 Cortlandt.  
Arndolph L. Kline, Mayor.  
Robert Adamson, Secretary.  
James Matthews, Executive Secretary.  
John J. Glennon, Chief Clerk and Bond and Warrant Clerk.

##### BUREAU OF WEIGHTS AND MEASURES.

Room 1, City Hall, 9 a. m. to 5 p. m.; Saturday, 9 a. m. to 12 m.  
John L. Walsh, Commissioner.  
Telephone, 4334 Cortlandt.

##### BUREAU OF LICENSES.

9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 2030 Worth.  
James G. Wallace, Jr., Chief of Bureau.  
Principal Office, 57-59 Centre street.

##### ARMORY BOARD.

Mayor, Arndolph L. Kline; the Comptroller, William A. Prendergast; the Acting President of the Board of Aldermen, O. Grant Esterbrook; Chief of Coast Artillery, Elmore F. Austin; Brigadier-General John G. Eddy, Commodore R. P. Forsheim; the President of the Department of Taxes and Assessments, Lawson Purdy.  
Clark D. Rhinehart, Secretary, Room 6, Basement, Hall of Records, Chambers and Centre streets.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 3900 Worth.

##### ART COMMISSION.

City Hall, Room 21. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone call, 1197 Cortlandt.  
Robert W. de Forest, President Metropolitan Museum of Art, President; Frank L. Babbott, Vice-President; John A. Mitchell, Secretary; George L. Rives, Trustee of New York Public Library; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences; Arndolph L. Kline, Mayor of The City of New York; I. N. Phelps Stokes, Architect; John Bogart; Karl Bitter, Sculptor; George W. Breck, Painter.  
John Quincy Adams, Assistant Secretary.

##### BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m. Saturdays, 10 a. m. to 12 m.  
Telephone, 7560 Cortlandt.  
O. Grant Esterbrook, Acting-President.

Borough of Manhattan—1st Dist., Bernard E. Donnelly; 2d Dist., Michael Stapleton; 3d Dist., John J. White; 4th Dist., James J. Smith; 5th Dist., Joseph M. Hannon; 6th Dist., Frank J. Dotzler; 7th Dist., Frank L. Dowling; 8th Dist., Max S. Levine; 9th Dist., John P. McCourt; 10th Dist., Hugh J. Cumiskey; 11th Dist., Louis Wendel, Jr.; 12th Dist., William P. Kenneally; 13th Dist., John McCann; 14th Dist., John Loos; 15th Dist., Niles R. Becker; 16th Dist., John T. Eagan; 17th Dist., Daniel M. Bedell; 18th Dist., James J. Nugent; 19th Dist., William D. Brush; 20th Dist., John J. Reardon; 21st Dist., Oscar Igstadter; 22d Dist.,

Edward V. Gilmore; 23d Dist., John H. Boschen; 24th Dist., John A. Bolles; 25th Dist., Charles Delaney; 26th Dist., Henry H. Curran; 27th Dist., Nathan Lieberman; 28th Dist., Courtlandt Nicoll; 29th Dist., John F. Walsh; 30th Dist., Ralph Folks; 31st Dist., Hyman Pouker; 32d Dist., Thomas A. McGrath; 33d Dist., Samuel Marks.

Borough of The Bronx—34th Dist., James L. Devine; 35th Dist., Thomas J. Mulligan; 36th Dist., Thomas H. O'Neil; 37th Dist., Philip J. Schmidt; 38th Dist., Abram W. Herbst; 39th Dist., James Hamilton; 40th Dist., Jacob Weil; 41st Dist., Frederick H. Wilmut.

Borough of Brooklyn—42d Dist., Robert F. Downing; 43d Dist., Michael Carberry; 44th Dist., Frank Cunningham; 45th Dist., John S. Gaynor; 46th Dist., James R. Weston; 47th Dist., John Diemer; 48th Dist., James J. Molten; 49th Dist., Francis P. Kenney; 50th Dist., Charles W. Dunn; 51st Dist., Leo V. Doherty; 52d Dist., Daniel R. Coleman; 53d Dist., Frederick H. Stevenson; 54th Dist., Jesse D. Moore; 55th Dist., Frank T. Dixon; 56th Dist., William P. McGarry; 57th Dist., Robert H. Bosse; 58th Dist., O. Grant Esterbrook; 59th Dist., George A. Morrison; 60th Dist., Otto Muhlbauer; 61st Dist., William H. Pendry; 62d Dist., Jacob J. Veltin; 63d Dist., Edward Eichhorn; 64th Dist., Henry F. Grimm; 65th Dist., James F. Martyn.

Borough of Queens—66th Dist., George M. O'Connor; 67th Dist., Otto C. Gelbke; 68th Dist., Alexander Dujat; 69th Dist., Charles Augustus Post; 70th Dist., W. Augustus Shipley.

Borough of Richmond—71st Dist., William Pink; 72d Dist., John J. O'Rourke; 73d Dist., Charles F. Cole.

P. J. Scully, City Clerk.

#### BELLEVUE AND ALLIED HOSPITALS.

Office, Bellevue Hospital, Twenty-sixth street and First avenue.

Telephone, 4400 Madison Square.  
Board of Trustees—Dr. John W. Brannan, President; James K. Paulding, Secretary; John G. O'Keefe, Arden M. Robbins, James A. Farley, Samuel Sachs, Leopold Stern; Michael J. Drummond, ex-officio.

General Medical Superintendent, Dr. George O'Hanlon.

#### BOARD OF AMBULANCE SERVICE.

Headquarters, 300 Mulberry street.  
Office hours, 9 a. m. to 5 p. m. Saturdays, 12 m.

President, Commissioner of Police, R. Waldo Secretary, Commissioner of Public Charities, M. J. Drummond; Dr. John W. Brannan, President of the Board of Trustees of Bellevue and Allied Hospitals; Dr. Royal S. Copeland, Wm. I. Sprengel berg; D. C. Potter, Director.  
Ambulance Calls—Telephone, 3100 Spring.  
Administration Offices—Telephone, 7586 Spring.

#### BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 a. m. to 5 p. m. Saturdays, 12 m.

Joseph P. Hennessy, President.  
William C. Ormond.  
Antonio C. Astarita.  
Thomas J. Drennan, Secretary.  
Telephones, 29, 30 and 31 Worth.

#### BOARD OF CITY RECORD.

The Mayor, the Corporation Counsel and the Comptroller.

OFFICE OF THE SUPERVISOR.  
Park Row Building, No. 21 Park Row.  
David Ferguson, Supervisor.  
Henry McMillen, Deputy Supervisor.  
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.  
Telephones, 1505 and 1506 Cortlandt.

#### BOARD OF ELECTIONS.

General Office, No. 107 West Forty-first street.  
Commissioners: J. Gabriel Britt, President; Moses M. McKee, Secretary; James Kane and Jacob A. Livingston.  
Telephone, 2946 Bryant.

#### BOROUGH OFFICES.

Manhattan.  
No. 112 West Forty-second street.  
William C. Baxter, Chief Clerk.  
Telephone, 2946 Bryant.  
The Bronx.  
No. 368 East One Hundred and Forty-eighth street.  
John L. Burgoyne, Chief Clerk.  
Telephone, 336 Melrose.  
Brooklyn.  
Nos. 435-445 Fulton street.  
George Russell, Chief Clerk.  
Telephone, 695 Main.  
Queens.  
Henry W. Sharkey, Chief Clerk, No. 64 Jackson avenue, Long Island City.  
Telephone, 3375 Hunters Point.  
Richmond.  
Borough Hall, New Brighton, S. I.  
Alexander M. Ross, Chief Clerk.  
Telephone, 1000 Tompkinsville.  
All offices open from 9 a. m. to 4 p. m. Saturdays, from 9 a. m. to 12 m.

#### BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; the Comptroller, the Acting President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

#### OFFICE OF THE SECRETARY.

Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Adea, Clerk to Board.  
No. 277 Broadway, Room 1406. Telephone 2280 Worth.

#### OFFICE OF THE CHIEF ENGINEER.

Nelson P. Lewis, Chief Engineer, Arthur S. Tuttle, Assistant Chief Engineer, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.

#### BUREAU OF FRANCHISES.

Harry P. Nichols, Engineer, Chief of Bureau, 277 Broadway, Room 801. Telephone, 2282 Worth.  
STANDARD TESTING LABORATORY.  
Otto H. Klein, Director, 125 Worth street.  
Telephones, 3088 and 3089 Franklin.  
Office hours, 9 a. m. to 5 p. m. Saturdays, 9 a. m. to 12 m.

#### EFFICIENCY AND BUDGET ADVISORY STAFF.

Room 823, 51 Chambers street. Telephone, 1684 Worth. Benjamin F. Welton, Efficiency Engineer in Charge.

#### BOARD OF EXAMINERS.

Rooms 6027 and 6028, Metropolitan Building.  
No. 1 Madison avenue, Borough of Manhattan, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 5840 Gramercy.  
George A. Just, Chairman. Members: William Crawford, Lewis Harding, D. Everett Wald, John Kenlon, Charles Buek and Cecil F. Shallercross.  
Edward V. Barton, Clerk.  
Board meeting every Tuesday at 2 p. m.

#### BOARD OF INEBRIETY.

Office, 300 Mulberry street, Manhattan.  
Telephone, 7116 Spring.  
Thomas J. Colton, President; Rev. William Morrison, John Dornin, M.D.; Rev. John J.

Hughes; William Browning, M.D.; Michael J. Drummond, Commissioner of Public Charities; Patrick A. Whitney, Commissioner of Correction. Executive Secretary, Charles Samson. Office hours, 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m. Board meets first Wednesday in each month, at 10 o'clock.

#### BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Office, No. 148 East Twentieth street. Patrick A. Whitney, Commissioner of Correction, President. John B. Mayo, Judge, Special Sessions, Manhattan. Robert J. Wilkin, Judge, Special Sessions Brooklyn. Frederick B. House, City Magistrate, First Division. Edward J. Dooley, City Magistrate, Second Division. Samuel B. Hamburger, John C. Heintz, Rosalie Maggio, Richard E. Troy. Thomas R. Minnick, Secretary. Telephone, 1047 Gramercy.

#### BOARD OF REVISION OF ASSESSMENTS.

William A. Prendergast, Comptroller. Archibald R. Watson, Corporation Counsel. Lawson Purdy, President of the Department of Taxes and Assessments. John Korb, Jr., Chief Clerk, Finance Department, No. 280 Broadway. Telephone, 1200 Worth.

#### BOARD OF WATER SUPPLY.

Office, No. 165 Broadway. Charles Strauss, President; Charles N. Chadwick and John F. Galvin, Commissioners. Joseph P. Morrissey, Secretary. J. Waldo Smith, Chief Engineer. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 4310 Cortlandt.

#### BUREAU OF THE CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67. Robert R. Moore, Chamberlain. Henry J. Walsh, Deputy Chamberlain. Office hours, 9 a. m. to 5 p. m. Telephone, 4270 Worth.

#### CHANGE OF GRADE DAMAGE COMMISSION.

Office of the Commission, Room 223, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City. William D. Dickey, Cambridge Livingston. David Robinson, Commissioners. Lamont McLoughlin, Clerk. Regular advertised meetings on Monday, Tuesday and Thursday of each week at 2 o'clock p. m. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 3284 Worth.

#### CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11, 12; 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m. Telephone, 7560 Cortlandt. P. J. Scully, City Clerk and Clerk of the Board of Aldermen. Joseph F. Prendergast, First Deputy. James J. Hines, Chief Clerk of the Board of Aldermen. Joseph V. Sculley, Clerk, Borough of Brooklyn. Matthew McCabe, Deputy City Clerk, Borough of Queens. George D. Frenz, Deputy City Clerk, Borough of Richmond. William K. Walsh, Deputy City Clerk, Borough of Richmond.

#### COMMISSIONERS OF ACCOUNTS.

Harry M. Rice, Commissioners. Municipal Building, Borough of Manhattan, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 4315 Worth.

#### COMMISSIONER OF LICENSES.

Office, No. 277 Broadway. Herman Robinson, Commissioner. Samuel Prince, Deputy Commissioner. John J. Caldwell, Secretary. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 2828 Worth.

#### COMMISSIONERS OF SINKING FUND.

Ardolph L. Kline, Mayor, Chairman; William A. Prendergast, Comptroller; Robert R. Moore, Chamberlain; O. Grant Esterbrook, Acting President of the Board of Aldermen, and Henry H. Curran, Chairman Finance Committee, Board of Aldermen, members; John Korb, Jr., Secretary. Office of Secretary, Room 9, Stewart Building No. 280 Broadway, Borough of Manhattan. Telephone, 1200 Worth.

#### DEPARTMENT OF BRIDGES.

Municipal Building, 18th floor. Arthur J. O'Keefe, Commissioner. William H. Sinnott, Deputy Commissioner. Edgar E. Schiff, Secretary. Office hours, 9 a. m. to 5 p. m. Saturdays, 9 a. m. to 12 m. Telephone, 380 Worth.

#### DEPARTMENT OF CORRECTION.

CENTRAL OFFICE. No. 148 East Twentieth street. Office hours, from 9 a. m. to 5 p. m. Saturdays, 9 a. m. to 12 m. Telephone, 1047 Gramercy. Patrick A. Whitney, Commissioner. William J. Wright, Deputy Commissioner. John B. Fitzgerald, Secretary.

#### DEPARTMENT OF DOCKS AND FERRIES.

Pier "A" N. R., Battery place. Telephone, 300 Rector. Robert A. C. Smith, Commissioner. Charles J. Farley, First Deputy Commissioner. Richard C. Harrison, Second Deputy Commissioner. Matthew J. Harrington, Secretary. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

#### DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION. Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m. (in August 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m. Telephone, 5580 Plaza. Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in July, and the second and fourth Wednesdays in every month, except July and August. Joseph Barondess, Nicholas J. Barrett, Henry J. Bigham, Thomas W. Churchill, Joseph E. Cosgrove,

Francis P. Cannon, Thomas M. De Laney, Martha Lincoln Draper (Miss), Ernest P. Biliert, Rev. James M. Farrar, D.D., Alexander Ferris, George J. Gillespie, John Greene, Robert L. Harrison, Louis Haupt, M.D., Ella W. Kramer (Mrs.), Peter J. Lavelle, Olivia Leventritt (Miss), Isadore M. Levy, Alrick H. Man, John Martin, Robert E. McCafferty, Dennis J. McDonald, M.D., Augustus G. Miller, George C. Miller, Henry P. Morrison, Louis Newman, Antonio Pisan, M.D.; Alice Lee Post (Mrs.), Arthur S. Somers, Morton Stein, Abraham Stern, M. Samuel Stern, Ernest W. Strattmann, Cornelius J. Sullivan, James E. Sullivan, Michael J. Sullivan, Bernard Surdam, Rupert B. Thomas, John R. Thompson, Christine Towns (Mrs.), John Whalen, Ira S. Wile, M.D., Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.

Thomas W. Churchill, President. John Greene, Vice-President. A. Emerson Palmer, Secretary. Fred H. Johnson, Assistant Secretary. C. B. J. Snyder, Superintendent of School Buildings. Patrick Jones, Superintendent of School Supplies. Henry R. M. Cook, Auditor. Thomas A. Dillon, Chief Clerk. Henry M. Leipziger, Supervisor of Lectures. Albert Shiels (District Superintendent), Director of Division of Reference and Research. Claude G. Leland, Superintendent of Libraries. A. J. Maguire, Supervisor of Janitors.

BOARD OF SUPERINTENDENTS. William H. Maxwell, City Superintendent of Schools, and Andrew W. Edson, William L. Ettlinger, John H. Haaren, Clarence E. Meloney, Edward B. Shallow, Edward L. Stevens, Gustave Straubmuller, John H. Walsh, Associate City Superintendents.

DISTRICT SUPERINTENDENTS. Darwin L. Bardwell, William A. Boylan, William A. Campbell, John P. Conroy, John W. Davis, John Dwyer, James M. Edsall, Cornelius E. Franklin, John Griffin, M.D., Henry W. Jameson, Henry E. Jenkins, Cecil A. Kidd, James Lee, Charles W. Lyon, James J. McCabe, Ruth G. McGray (Mrs.), William J. O'Shea, Arthur C. Perry, Jr., John S. Roberts, Albert Shiels, Edgar Dubs Shimer, Edward W. Stitt, Grace C. Strachan (Miss), Joseph S. Taylor, Benjamin Velt, Joseph H. Wade.

BOARD OF EXAMINERS. William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith, Examiners.

BOARD OF RETIREMENT. Thomas W. Churchill, Abraham Stern, Arthur S. Somers, William H. Maxwell, Josephine E. Rogers, Mary A. Curtis, Lyman A. Best, Principal, Public School 171, Brooklyn, Secretary. Telephone 4140 Cypress.

#### DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 5 p. m. (June, July and August 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m. Telephone, 1200 Worth. William A. Prendergast, Comptroller. Douglas Mathewson, Deputy Comptroller. Edmund D. Fisher, Deputy Comptroller. Hubert L. Smith, Assistant Deputy Comptroller. George L. Tirrell, Secretary to the Department. Thomas W. Hynes, Supervisor of Charitable Institutions. Water S. Wolfe, Chief Clerk.

BUREAU OF AUDIT. Charles S. Hervey, Chief Auditor of Accounts. Room 29. Harry York, Deputy Chief Auditor of Accounts. Duncan MacInnes, Chief Accountant and Bookkeeper. John J. Kelly, Auditor of Disbursements. H. H. Raskyben, Auditor of Receipts. David Rothschild, Bookkeeper in charge Division of Refunds. James J. Munroe, Chief Inspector. R. B. McIntyre, Examiner in Charge, Expert Accountants' Division.

LAW AND ADJUSTMENT DIVISION. Albert E. Hadlock, Auditor of Accounts. Room 185.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS. Tilden Adamson, Supervising Statistician and Examiner. Room 180.

STOCK AND BOND DIVISION. James J. Sullivan, Chief Stock and Bond Clerk. Room 85.

OFFICE OF THE CITY PAYMASTER. No. 83 Chambers street and No. 65 Reade street. John H. Timmerman, City Paymaster.

DIVISION OF REAL ESTATE. Charles A. O'Malley, Appraiser of Real Estate. Room 103, No. 280 Broadway.

DIVISION OF AWARDS. Joseph R. Kenny, Bookkeeper in Charge. Rooms 155 and 157, No. 280 Broadway.

BUREAU FOR THE COLLECTION OF TAXES. Borough of Manhattan—Stewart Building, Room O. Frederick H. E. Epstein, Receiver of Taxes. John J. McDonough and Sylvester L. Malone, Deputy Receivers of Taxes.

Borough of The Bronx—Municipal Building, Third and Tremont avenues. Edward H. Healy and John J. Knewitz, Deputy Receivers of Taxes.

Borough of Brooklyn—Municipal Building, Rooms 2-3. Alfred J. Boulton and David E. Kemlo, Deputy Receivers of Taxes.

Borough of Queens—Municipal Building, Court House Square, Long Island City. William A. Beadle and Thomas H. Green, Deputy Receivers of Taxes.

Borough of Richmond—Borough Hall, St. George, New Brighton. John De Morgan and Edward J. Lovett, Deputy Receivers of Taxes.

BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS. Borough of Manhattan—Stewart Building, Room B. Daniel Moynahan, Collector of Assessments and Arrears.

George W. Wanmaker, Deputy Collector of Assessments and Arrears. Borough of The Bronx—Municipal Building, Rooms 1-3. Charles F. Bradbury, Deputy Collector of Assessments and Arrears.

Borough of Brooklyn—Mechanics' Bank Building, corner Court and Montague streets. Theodore G. Christmas, Deputy Collector of Assessments and Arrears.

Borough of Queens—Municipal Building, Court House Square, Long Island City. Peter L. Menninger, Deputy Collector of Assessments and Arrears.

Borough of Richmond—St. George, New Brighton. Edward W. Berry, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS. Stewart Building, Chambers street and Broadway, Room K.

Sydney H. Goodacre, Collector of City Revenue and Superintendent of Markets. William Strohmeyer, Deputy Superintendent of Markets.

William A. Griffith, Deputy Collector of City Revenue.

#### DEPARTMENT OF HEALTH.

Centre and Walker streets, Manhattan. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Burial Permit and Contagious Disease Office always open. Telephone, 6280 Franklin. Ernst J. Lederle, Ph.D., Commissioner of Health and President; Joseph J. O'Connell, M.D.; Rhineland Waldo, Commissioners. Eugene W. Scheffer, Secretary. Herman M. Biggs, M.D., General Medical Officer. Walter Bessel, M.D., Sanitary Superintendent. William H. Guilfoyle, M.D., Registrar of Records. James McC. Miller, Chief Clerk.

Borough of Manhattan. Alonzo Blauvelt, M.D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk; Shirley W. Wynne, M.D., Assistant Registrar of Records.

Borough of The Bronx, No. 3731 Third avenue. Marion B. McMillan, M.D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M.D., Assistant Registrar of Records.

Borough of Brooklyn, Flatbush avenue, Wiloughby and Fleet streets. Travers R. Maxfield, M.D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M.D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica. John H. Barry, M.D., Assistant Sanitary Superintendent; George R. Crowley, Assistant Chief Clerk; Robert Campbell, M.D., Assistant Registrar of Records.

Borough of Richmond, No. 514 Bay street, Stapleton, Staten Island. John T. Sprague, M.D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk; Frederick S. Williams, Assistant Registrar of Records.

#### DEPARTMENT OF PARKS.

Louis F. La Roche, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.

Clinton H. Smith, Secretary. Offices, Arsenal, Central Park. Telephone, 7300 Plaza. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Michael J. Kennedy, Commissioner of Parks for the Borough of Brooklyn. Offices, Litchfield Mansion, Prospect Park, Brooklyn. Office hours, 9 a. m. to 5 p. m.; July and August 9 a. m. to 4 p. m.

Thomas J. Higgins, Commissioner of Parks for the Borough of The Bronx. Office, Zbrovski Mansion, Claremont Park. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 2640 Tremont. Walter G. Eliot, Commissioner of Parks for the Borough of Queens. Office, The Overlook, Forest Park, Richmond Hill, L. I.

#### PERMANENT CENSUS BOARD.

No. 114 East 47th street, fourth floor. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. The Mayor, City Superintendent of Schools and Police Commissioner. George H. Chatfield, Secretary. Telephone, 3591 Murray Hill.

#### DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE. Foot of East Twenty-sixth street, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 7400 Madison square.

Michael J. Drummond, Commissioner. Frank J. Goodwin, First Deputy Commissioner; Stephen A. Nugent, Third Deputy Commissioner; Thomas L. Fogarty, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 331 Schermerhorn street, Brooklyn. Telephone 2977 Main.

Dr. John P. Fitzgerald, General Medical Superintendent. J. McKee Borden, Secretary. Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building Repairs and Supplies, Bills and Accounts, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Bureau of Dependent Adults, foot of East twenty-sixth street. Office hours, 9 a. m. to 5 p. m.

The Children's Bureau, No. 124 East 50th street. Office hours, 9 a. m. to 5 p. m.

Sterling Potter, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island. Telephone, 1000 Tompkinsville.

#### DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park Row, 9 a. m. to 5 p. m. Saturdays, 9 a. m. to 12 m. Telephone, 3863 Cortlandt.

William H. Edwards, Commissioner. James F. Lynch, Deputy Commissioner, Borough of Manhattan.

Julian Scott, Deputy Commissioner, Borough of Brooklyn. James F. O'Brien, Deputy Commissioner, Borough of The Bronx.

John J. O'Brien, Chief Clerk.

#### DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records, corner Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Commissioners—Lawson Purdy, President; Chas. J. McCormack, John J. Halteran, Charles T. White, Daniel S. McElroy, Edward Kaufmann, Judson G. Wall. Telephone, 3900 Worth.

#### DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park Row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 3863 Cortlandt. William H. Edwards, Commissioner. James F. Lynch, Deputy Commissioner, Borough of Manhattan.

Julian Scott, Deputy Commissioner, Borough of Brooklyn. James F. O'Brien, Deputy Commissioner, Borough of The Bronx.

John J. O'Brien, Chief Clerk.

John L. Jordan, Deputy Commissioner, Borough of The Bronx, Tremont and Arthur avenues. M. P. Walsh, Deputy Commissioner, Borough of Queens, Municipal Building, Long Island City. John E. Bowe, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

#### EXAMINING BOARD OF PLUMBERS.

Members of the Board: James M. Morrow, Chairman; John J. Hannegan, Fred B. Robertson; ex-officio members: Rudolph P. Miller, Edwin J. Fort, Municipal Building, 8th floor. Telephone, 1268 Worth. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

#### FIRE DEPARTMENT.

Headquarters: Office hours, for all, from 9 a. m. to 5 p. m.; Saturdays, 12 m. Central offices and fire stations open at all hours.

OFFICES. Headquarters of Department, Nos. 157 and 159 East 67th street, Manhattan. Telephone, 640 Plaza.

Brooklyn office, Nos. 365 and 367 Jay street, Brooklyn. Telephone, 2653 Main. Joseph Johnson, Commissioner.

George W. Olvany, Deputy Commissioner. Philip P. Farley, Deputy Commissioner, Boroughs of Brooklyn and Queens.

Daniel E. Finn, Secretary of Department. Lloyd Dorsey Willis, Secretary to Commissioner, Walter J. Nolan, Secretary to Deputy Commissioner, Boroughs of Brooklyn and Queens.

John Kenlon, Chief of Department, in charge Bureau of Fire Extinguishment, 157 and 159 East 67th street, Manhattan.

Thomas Lally, Deputy Chief in charge, Boroughs of Brooklyn and Queens, 365-367 Jay street, Brooklyn.

William Guerin, Deputy Chief in charge Bureau of Fire Prevention, 157 and 159 East 67th street, Manhattan.

Leonard Day, Electrical Engineer, Chief of Bureau of Fire Alarm Telegraph, 157 and 159 East 67th street, Manhattan.

John R. Keefe, Clerk, in charge Bureau of Repairs and Supplies, 157 and 159 East 67th street, Manhattan.

#### LAW DEPARTMENT.

OFFICE OF CORPORATION COUNSEL. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Main office, Hall of Records, Chambers and Centre streets, 6th and 7th floors. Telephone, 4600 Worth.

Archibald R. Watson, Corporation Counsel. Assistants—Charles D. Olendorf, William P. Burr, R. Percy Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McCormick, David S. Garland, Curtis A. Peters, George M. Curtis, John P. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell, John Widdcombe, Arthur Sweeney, William H. King, George P. Nicholson, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, William E. C. Mayer, John Lehman, Francis Martin, Charles McIntyre, Clarence L. Barber, Isaac P. Cohen, George H. Cowie, Solon Berrick, James P. O'Connor, Elliott S. Benedict, Isaac Phillips, Edward A. McShane, Eugene Fay, Ricardo M. Deacosta, John M. Barrett, Frank P. Reilly, Leon G. Godley, Alexander C. MacNulty, Samuel Hoffman, John W. Goff, Jr., William R. Wilson, Jr., Charles E. Nellyan, Patrick J. Walsh, Ashton Parker.

Secretary to the Corporation Counsel—Edmund Kirby, Jr.

Brooklyn Office, No. 153 Pierrepont street. Telephone, 2948 Main. James D. Bell, Assistant in charge.

BUREAU OF STREET OPENINGS. Main office, No. 90 West Broadway. Telephone, 5070 Barclay. Joel J. Squier, Assistant in charge.

Brooklyn branch office, No. 166 Montague street. Telephone, 5916 Main. Edward Riegelmann, Assistant in charge.

Queens branch office, Municipal Building, Court House Square, Long Island City. Telephone, 3886 Hunters Point. Walter C. Sheppard, Assistant in charge.

BUREAU FOR THE RECOVERY OF PENALTIES. No. 119 Nassau street. Telephone, 4526 Cortlandt. Herman Stiefel, Assistant in charge.

BUREAU FOR THE COLLECTION OF ARREARS OF PERSONAL TAXES. No. 280 Broadway, 5th floor. Telephone, 4585 Worth. Geo. O'Reilly, Assistant in charge.

TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS. No. 44 East Twenty-third street. Telephone, 61 Gramercy. John P. O'Brien, Assistant in charge.

METROPOLITAN SEWERAGE COMMISSION. Office, No. 17 Battery place. George A. Soper, Ph.D., President; James H. Furtess, Secretary; H. de B. Parsons, Charles Scoy Smith, Linsly R. Williams, M.D.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 1694 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION. No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Frank Gallagher, President; Richard Welling and Alexander Keogh, Commissioners. Frank A. Spencer, Secretary.

LABOR BUREAU. Nos. 54-60 Lafayette street. Telephone, 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION. Nos. 157 and 159 East 67th street, Headquarters Fire Department.

Joseph Johnson, Fire Commissioner and ex-officio Chairman; Geo. O. Eaton, Sidney Harris, Bartholomew Donovan, Russell W. Moore, Albert Bruns, Secretary.

Meetings at call of Fire Commissioner.

#### POLICE DEPARTMENT.

CENTRAL OFFICE. No. 240 Centre street, 9 a. m. to 5 p. m. (month of June, July and August, 9 a. m. to 4 p. m.) Saturdays, 9 a. m. to 12 m.

Telephone, 3100 Spring. Rhineland Waldo, Commissioner.

Douglas I. McKay, First Deputy Commissioner. George S. Dougherty, Second Deputy Commissioner.

Harry W. Newberger, Third Deputy Commissioner.

James E. Dillon, Fourth Deputy Commissioner. William H. Kipp, Chief Clerk.

PUBLIC RECREATION COMMISSION. 51 Chambers street; Room 1001.

James E. Sullivan, President; General George W. Wingate, Charles B. Stover, Mrs. V. G. Simkhovich, Gustavus T. Kirby, George D. Pratt, Robbins Gilman, Cyril H. Jones, Acting Secretary.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 1471 Worth.

Commission meeting every second Thursday at 4 p. m.

#### PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.

Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.

Stated public meetings of the Commission, Tuesdays and Fridays at 12.15 p. m., in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.

Commissioners—Edward E. McCall, Chairman; Milo R. Malbis, John E. Eustis, J. Sergeant Cram, George V. S. Williams, Counsel, George S. Coleman, Secretary, Travis H. Whitney. Telephone, 4160 Beekman.

## TENEMENT HOUSE DEPARTMENT.

John J. Murphy, Commissioner. Manhattan office (Boroughs of Manhattan and Richmond), Municipal Building. Telephone, 1526 Worth. William H. Abbott, Jr., First Deputy Commissioner. Brooklyn office (Boroughs of Brooklyn and Queens), 503 Fulton street. Telephone, 3825 Main. Frank Mann, Second Deputy Commissioner. Bronx office, 391 East 149th street. Telephone, 7107-7108 Melrose. William B. Calvert, Superintendent. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

## BOROUGH OFFICES.

## BOROUGH OF MANHATTAN.

Office of the President Nos. 14, 15 and 16, City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
George McAneny, President.  
Leo Arnstein, Secretary of the Borough.  
Louis Graves, Secretary to the President.  
Commissioner of Public Works. Office, Municipal Building.  
Edgar Victor Frothingham, Commissioner of Public Works.  
W. R. Patterson, Assistant Commissioner of Public Works.  
Henry Welles Durham, Chief Engineer in Charge of Highways.  
Charles H. Graham, Chief Engineer in Charge of Sewers.  
Julian B. Beaty, Superintendent of Public Buildings and Offices.  
Telephone, 4227 Worth.  
Rudolph P. Miller, Superintendent of Buildings.  
Telephone, 1575 Stuyvesant.

## BOROUGH OF THE BRONX.

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
Cyrus C. Miller, President.  
George Donnelly, Secretary.  
Thomas W. Whittle, Commissioner of Public Works.  
James A. Henderson, Superintendent of Buildings.  
Telephone, 2680 Tremont.

## BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16, Borough Hall; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
Lewis H. Pounds, President.  
Reuben L. Haskell, Borough Secretary.  
John B. Creighton, Secretary to the President.  
George W. Tillson, Acting Commissioner of Public Works.  
Patrick J. Carlin, Superintendent of Buildings.  
William J. Taylor, Superintendent of the Bureau of Sewers.  
Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.  
John W. Tumbidge, Superintendent of Highways.  
Telephone, 3960 Main.

## BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 5400 Hunters Point.  
Maurice E. Connolly, President.  
Hugh Hall, Secretary to the President.  
Samuel Brock, Secretary of the Borough.  
Joseph Flanagan, Commissioner of Public Works.  
G. Howland Leavitt, Superintendent of Highways.  
John R. Higgins, Superintendent of Sewers.  
John W. Moore, Superintendent of Buildings.  
Daniel Ehntholt, Superintendent of Street Cleaning.  
Francis X. Duer, Superintendent of Public Buildings and Offices. Office, Town Hall, Flushing, L. I.  
Telephone, 1740 Flushing.

## BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island George Cromwell, President.  
Maybury Fleming, Secretary.  
Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.  
John Seaton, Superintendent of Buildings.  
H. E. Buel, Superintendent of Highways.  
John T. Petherston, Assistant Engineer and Acting Superintendent of Street Cleaning.  
Ernest H. Seehusen, Superintendent of Sewers.  
John Timlin, Jr., Superintendent of Public Buildings and Offices.  
Offices, Borough Hall, New Brighton, N. Y.  
9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 1000 Tompkinsville.

## CORONERS.

Borough of Manhattan—Office, 70 Lafayette street, corner of Franklin street.  
Open at all times of the day and night.  
Coroners: Israel L. Feinberg, Herman Hellenstein, James E. Winterbottom, Herman W. Holtzhauser.  
Telephones, 5057, 5058 Franklin.  
Borough of the Bronx—Corner of Arthur avenue and Tremont avenue. Telephones, 1250 Tremont and 1402 Tremont.  
Office hours, 8 a. m. to 12 p. m. every day.  
Jacob Shogut, Jerome F. Healy.  
Borough of Brooklyn—Office, 236 Duffield street, near Fulton street. Telephone, 4004 Main and 4005 Main.  
Alexander J. Rooney, Edward Glimpen, Coroners.  
Open at all hours of the day and night.  
Borough of Queens—Office, Town Hall, Fulton street, Jamaica, L. I.  
Alfred S. Ambler, G. J. Schaefer.  
Office hours from 9 a. m. to 10 p. m., excepting Sundays and holidays; office open then from 9 a. m. to 12 m.  
Borough of Richmond—No. 175 Second street, New Brighton. Open at all hours of the day and night.  
William H. Jackson, Coroner.  
Telephone, 7 Tompkinsville.

## COUNTY OFFICES.

## NEW YORK COUNTY.

## COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.  
Thomas Allison, Commissioner.  
Frederick F. Simpson, Assistant Commissioner.  
Telephone, 241 Worth.

## COMMISSIONER OF RECORDS.

Office, Hall of Records.  
John P. Cowan, Commissioner.  
Frank K. Bowers, Deputy Commissioner.  
William Moore, Superintendent.  
James J. Fleming, Jr., Chief Clerk.  
Telephone, 3900 Worth.  
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

During the months of July and August, from 9 a. m. to 2 p. m.

## COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court House. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 3 p. m., except on Saturdays.  
William P. Schneider, County Clerk.  
Charles E. Gehring, Deputy.  
Wm. B. Selden, Second Deputy.  
Herman W. Beyer, Superintendent of Indexing and Recording.  
Telephone, 5388 Cortlandt.

## DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.  
Office hours from 9 a. m. to 5.15 p. m., Saturdays 9 a. m. to 12 m.  
Charles S. Whitman, District Attorney.  
Henry D. Sayer, Chief Clerk.  
Telephone, 2304 Franklin.

## PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
William M. Hoes, Public Administrator.  
Telephone, 6376 Cortlandt.

## REGISTER.

Hall of Records, office hours, from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.  
Max S. Grifenhagen, Register.  
William Halpin, Deputy Register.  
Telephone, 3900 Worth.

## SHERIFF.

No. 298 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
Julius Harburger, Sheriff.  
John P. Gilchrist, Under Sheriff.  
Telephone, 4984 Worth.

## SURROGATES.

Halls of Records. Court opens from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.  
John P. Cohalan and Robert Ludlow Fowler, Surrogates; William V. Leary, Chief Clerk.  
Bureau of Records: John P. Curry, Commissioner; Charles W. Calkin, Deputy Commissioner; Frank J. Scannell, Superintendent.  
Telephone, 3900 Worth.

## KINGS COUNTY.

## COMMISSIONER OF JURORS.

Park Building, 381-387 Fulton street, Brooklyn. Thomas R. Farrell, Commissioner.  
Michael J. Trudden, Deputy Commissioner.  
Office hours, from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m.  
Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 1454 Main.

## COMMISSIONER OF RECORDS.

Hall of Records.  
Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
Edmund O'Connor, Commissioner.  
William F. Thompson, Deputy Commissioner.  
Telephone, 6988 Main.

## COUNTY CLERK.

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
Charles S. Devoy, County Clerk.  
John Felner, Deputy County Clerk.  
Telephone call, 4980 Main.

## COUNTY COURT.

County Court House, Brooklyn Rooms 1, 10, 14, 17, 18, 22 and 23. Court opens at 10 a. m. daily and sits until business is completed. Part I, Room No. 23; Part II, Room No. 10; Part III, Room No. 14; Part IV, Room No. 1. Court House, Clerk's office, Rooms 17, 18, 19 and 22, open daily from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
Norman S. Dike and Lewis L. Fawcett, County Judges.  
John T. Rafferty, Chief Clerk.  
Telephones, 4164 and 4165 Main.

## DISTRICT ATTORNEY.

Office, 66 Court street, Borough of Brooklyn. Hours, 9 a. m. to 5.30 p. m.; Saturdays, 9 a. m. to 1 p. m.  
James C. Cropsey, District Attorney.  
Telephones, 2954-5-6-7 Main.

## PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn, a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Frank V. Kelly, Public Administrator.  
Telephone, 2840 Main.

## REGISTER.

Hall of Records. Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then from 9 a. m. to 2 p. m., provided for by statute; Saturdays, 9 a. m. to 12 m.  
Edward T. O'Loughlin, Register.  
Alfred T. Hobbey, Deputy Register.  
Telephone, 2830 Main.

## SHERIFF.

Temple Bar Building, 186 Remsen street, Room 401, Brooklyn, N. Y.  
9 a. m. to 4 p. m.; Saturdays, 12 m.  
Charles B. Law, Sheriff.  
Lewis M. Swasey, Under Sheriff.  
Telephones, 6845, 6847 Main.

## SURROGATE.

Hall of Records, Brooklyn N. Y.  
Herbert T. Ketcham, Surrogate.  
John H. McCooey, Chief Clerk and Clerk to the Surrogate's Court.  
Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m., except during months of July and August, when office hours are from 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 3945 Main.

## BRONX COUNTY.

## COMMISSIONER OF JURORS.

Seventh floor, Bergen Building, Arthur and Tremont avenues, Bronx. 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.  
John A. Masoa, Commissioner.  
John A. Pachler, Assistant Commissioner.  
James A. McMahon, Secretary.  
Telephone, 3700 Tremont.

## QUEENS COUNTY.

## COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.; Queens County Court House, Long Island City.  
Thorndyke C. McKenney, Commissioner of Jurors.  
Rodman Richardson, Assistant Commissioner of Jurors.  
Telephone, 9631 Hunters Point.

## COUNTY CLERK.

No. 364 Fulton street, Jamaica.  
Office open, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Leonard Ruoff, County Clerk.  
Telephone, 151 Jamaica.

## COUNTY COURT.

County Court House, Long Island City.  
Telephone, 596 Hunters Point.  
County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms on Saturday of each week and on Friday of each week during which civil actions are being tried with juries, except Saturdays and Fridays during the month of August and the first Saturday and all the Fridays in the month of September, at each of said terms issues of law, and issues of fact triable without a jury, will be tried, and motions and special proceedings heard.  
Clerk's Office open 9 a. m. to 5 p. m., except Saturdays, 9 a. m. to 12.30 p. m.  
Burt Jay Humphrey, County Judge.  
Telephone, 551 Jamaica.

## DISTRICT ATTORNEY.

Office, Queens County Court House, Long Island City, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.  
Matthew J. Smith, District Attorney.  
Telephones, 3871 and 3872 Hunters Point.

## PUBLIC ADMINISTRATOR.

No. 364 Fulton street, Jamaica, Queens County.  
Randolph White, Public Administrator, County of Queens.  
Office hours, 9 a. m. to 4 p. m.  
Saturdays, 9 a. m. to 12 m.  
Telephone, 397 Jamaica.

## SHERIFF.

County Court House, Long Island City, 9 a. m. to 4 p. m.; during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
George Emsler, Sheriff.  
Samuel J. Mitchell, Under Sheriff.  
Telephones, 3766-7 Hunters Point (office).

## SURROGATE.

Daniel Noble, Surrogate.  
Office, No. 364 Fulton street, Jamaica.  
Except on Sundays, holidays and on holidays, the office is open from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.  
The calendar is called on each week day at 10 a. m., except during the month of August.  
Telephone, 397 Jamaica.

## RICHMOND COUNTY.

## COMMISSIONER OF JURORS.

Village Hall, Stapleton.  
Charles J. Kullman, Commissioner.  
Office open from 9 a. m. until 4 p. m.; Saturdays from 9 a. m. to 12 m.  
Telephone, 81 Tompkinsville.

## COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
C. Livingston Bostwick, County Clerk.  
Telephone, 28 New Dorp.

## COUNTY JUDGE AND SURROGATE.

County Court—J. Harry Tiernan, County Judge Terms of the County Court.  
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, J. Harry Tiernan, Surrogate. 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, when all Surrogate's matters shall be made returnable at Borough Hall, St. George, on Saturday at 10.30 a. m. There will be no Surrogate's Court during the month of August. Office at Richmond is open daily from 9 a. m. to 4 p. m., Saturdays from 9 a. m. to 12 noon.  
Surrogate's Court and Office, Richmond, S. I. Surrogate's Chambers, Borough Hall, St. George, New Brighton, N. Y.  
William Finley, Clerk of the Surrogate's Court.

## DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.  
Albert B. District Attorney.  
Telephone, 50 Tompkinsville.  
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

## PUBLIC ADMINISTRATOR.

Office, Port Richmond.  
William T. Holt, Public Administrator.  
Telephone, 704 West Brighton.

## SHERIFF.

County Court House, Richmond, S. I.  
Joseph F. O'Grady, Sheriff; Peter J. Finn, Jr., Under Sheriff.  
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 120 New Dorp.

## THE COURTS.

## APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.  
Court House, Madison avenue, corner Twenty-fifth street. Court open from 2 p. m. until 6 p. m. Friday, Motion Day. Court opens at 10.30 a. m. Motions called at 10 a. m. Orders called at 10.30 a. m.  
George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, Francis M. Scott, Victor J. Dowling, Henry D. Hotchkiss, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.  
Clerk's Office opens 9 a. m.  
Telephone, 3340 Madison Square.

## SUPREME COURT—FIRST DEPARTMENT.

County Court House, Chambers street, Court open from 10.15 a. m. to 4 p. m.  
Special Term, Part I. (motions), Room No. 16.

Special Term, Part II. (ex-parte business), Room No. 13.

Special Term, Part III., Room No. 19.  
Special Term, Part IV., Room No. 20.  
Special Term, Part V., Room No. 6.  
Special Term, Part VI., Room No. 31.  
Trial Term, Part II., Room No. 32.  
Trial Term, Part III., Room No. 21.  
Trial Term, Part IV., Room No. 21.  
Trial Term, Part V., Room No. 24.  
Trial Term, Part VI., Room No. 18.  
Trial Term, Part VII., Room No. —.  
Trial Term, Part VIII., Room No. 23.  
Trial Term, Part IX., Room No. 35.  
Trial Term, Part X., Room No. 26.  
Trial Term, Part XI., Room No. 27.  
Trial Term, Part XII., Room No. —.  
Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.  
Trial Term, Part XIV., Room No. 23.  
Trial Term, Part XV., Room No. 37.  
Trial Term, Part XVI., Room No. —.  
Trial Term, Part XVII., Room No. 20.  
Trial Term, Part XVIII., Room No. 29.  
Appellate Term, Room No. 29.  
Naturalization Bureau, Room No. 7, first floor.  
Assignment Bureau, room on mezzanine floor, northeast.

Clerks in attendance from 10 a. m. to 4 p. m.  
Clerk's Office, Special Term, Part I. (motions), Room No. 15.

Clerk's Office, Special Term, Part II. (ex-parte business), ground floor, southeast corner.  
Clerk's Office, Special Term, Calendar ground floor, south.

Clerk's Office, Trial Term, Calendar, room northeast corner, second floor east.

Clerk's Office, Appellate Term, room southwest corner, third floor.

Trial Term, Part I. (criminal business), Criminal Court House, Centre street.  
Justices—Leonard A. Giegerich, P. Henry Dugro, James A. Blanchard, Samuel Greenbaum, Edward B. Amend, Vernon M. Davis, Joseph E. Newburger, John W. Goff, Samuel Seabury, M. Warley Platzek; Peter A. Hendrick, John Ford, John J. Brady, Mitchell L. Brianger, Charles L. Guy, Irving Lehman, Alfred R. Page, Edward J. Gavegan, Nathan Bijur, John J. Delany, Francis K. Pendleton, Daniel P. Cohalan, Thomas P. Donnelly, Edward G. Whitaker, Bartow S. Weeks, Eugene A. Philbin.  
Telephone, 4580 Cortlandt.

## SUPREME COURT—CRIMINAL DIVISION.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.  
Court opens at 10.30 a. m.  
William F. Schneider, Clerk; Edward R. Carroll, Special Deputy to the Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
During July and August, Clerk's Office will close at 2 p. m.  
Telephone, 6064 Franklin.

## APPELLATE DIVISION, SUPREME COURT.

SECOND JUDICIAL DEPARTMENT.  
Court House, Borough Hall, Brooklyn. Court meets from 1 p. m. to 5 p. m., excepting that on Fridays court opens at 10 o'clock a. m. Almet F. Jenks, Presiding Justice; Michael H. Hirschberg, Joseph A. Burr, Edward B. Thomas, William J. Carr, Adelbert P. Rich, Luke D. Stapleton, Justices.  
John B. Byrne, Clerk; Clarence A. Barrow, Deputy Clerk. Motion days, first and third Mondays of each term.  
Clerk's office opens 9 a. m.  
Telephone, 1392 Main.  
John B. Byrne, Clerk.

## APPELLATE TERM—SUPREME COURT.

Court Room, 503 Fulton street, Brooklyn. Court meets 10 a. m. December term begins December 1, 1913. Justices Samuel T. Maddox, Walter H. Jaycox, Joseph Aspinall; Joseph H. DeBraga, Clerk; Owen J. Macaulay, Deputy Clerk.  
Clerk's Office opens 9 a. m.  
Telephones, 7452 and 7453 Main.

## SUPREME COURT—SECOND DEPARTMENT.

KINGS COUNTY.  
Kings County Court House, Joralemon and Fulton streets, Borough of 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, Room 7, Hall of Records, Brooklyn, N. Y.  
James F. McGee, General Clerk.  
Telephone, 5460 Main.

QUEENS COUNTY.  
County Court House, Long Island City.  
Court opens at 10 a. m. Trial and Special Term for Motions and ex-parte business each month except July, August and September, in Part I.  
Trial Term, Part 2, January, February, March, April, May and December.  
Special Term for Trials, January, April, June and November.  
Naturalization, first Friday in each Term.  
Thomas B. Seaman, Special Deputy Clerk in charge.

John O. Peace, Part 1 and Calendar Clerk.  
James Ingram, Part 2, Clerk.  
Clerk's office open 9 a. m. to 5 p. m., except Saturdays, 9 a. m. to 12.30 p. m.  
Telephone, 3896 Hunters Point.

RICHMOND COUNTY.

Terms of Court in Year 1913.  
Second Monday of January, first Monday of February, first Monday of April, first Monday of June, first Monday of November. Trial Terms to be held at County Court House at Richmond.  
Second Monday of February, second Monday of June, second Monday of November. Special Terms for Trials to be held at Court Room, Borough Hall, St. George.

First and third Saturdays of January, second and fourth Saturdays of March, first and third Saturdays of April, second and fourth Saturdays of May, first and third Saturdays of October, first and third Saturdays of December. Special Terms for Motions to be held at Court House, Borough Hall, St. George.  
C. Livingston Bostwick, Clerk.  
John H. Wilkinson, Special Deputy.

## COURT OF GENERAL SESSIONS.

Held in the Building for Criminal Courts, Centre, Elm, White and Franklin streets.  
Court opens at 10.30 a. m.  
Warren W. Foster, Otto A. Rosalsky, Thomas T. Crain, Edward Swann, Joseph P. Mulcahey, James T. Malone, Jeremiah T. Mahoney, Judges of the Court of General Sessions; Edward R. Carroll, Clerk. Telephone, 1201 Franklin.  
Clerk's Office open from 9 a. m. to 4 p. m., and on Saturdays until 12 m.  
During July and August Clerk's Office will close at 2 p. m., and on Saturdays at 12 m.

## CITY COURT OF THE CITY OF NEW YORK.

No. 33 Chambers street, Brownstone Building, City Hall Park, from 10 a. m. to 4 p. m.  
Special Term Chambers will be held from 10 a. m. to 4 p. m.  
Clerk's Office open from 9 a. m. to 4 p. m.  
Edward F. O'Dwyer, Chief Justice; Francis B. Delehanty, Joseph L. Green, Alexander Finkelstein, John V. McAvoy, Peter Schmuck, Richard T. Lynch, Edward B. La Petra, Richard H. Smith, Robert L. Luce, Justices. Thomas F. Smith, Clerk.  
Telephone, 122 Cortlandt.

## COURT OF SPECIAL SESSEIONS.

Isaac Franklin Russell, Chief Justice; Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Parker, John Fleming, Robert J. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney, Arthur C. Salmon, Cornelius P. Collins, Moses Herrman and Frederic Kernochan, Justices.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Telephone, 3983 Franklin.

Court opens at 10 a. m.

Part I., Criminal Courts Building, Borough of Manhattan. John P. Hilly, Clerk. Telephone 3983 Franklin.

Part II., 171 Atlantic avenue, Borough of Brooklyn. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.

Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesday of each week. H. S. Moran, Clerk. Telephone, 657 Jamaica.

Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesday of each week. Robert Brown, Clerk. Telephone, 324 Tompkinsville.

## CHILDREN'S COURT.

New York County—No. 66 Third avenue, Manhattan. Dennis A. Lambert, Clerk. Telephone, 1832 Stuyvesant.

Kings County—No. 102 Court street, Brooklyn. Joseph W. Duffy, Clerk. Telephone, 627 Main.

Queens County—No. 19 Hardenbrook avenue, Jamaica. Sydney Ollendorf, Clerk. This court is held on Monday and Thursday of each week. Telephone, 657 Jamaica.

Richmond County—Corn Exchange Bank Bldg., St. George, S. I. William J. Browne, Clerk. Court is held on Tuesday of each week. Telephone, 324 Tompkinsville.

## CITY MAGISTRATES' COURT

## FIRST DIVISION.

William McAdoo, Chief City Magistrate; Robert C. Cornell, Peter T. Barlow, Matthew P. Breen, Frederick B. House, Charles N. Harris, Joseph E. Corrigan, Paul Krotel, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, Francis K. McQuade, John A. L. Campbell, Samuel D. Levy, Norman J. Marsh, Joseph M. Deuel, George M. S. Schulz, Thomas J. Nolan, Robert C. Ten Eyck, City Magistrates.

Court open from 9 a. m. to 4 p. m.

Philip Bloch, Chief Clerk, 300 Mulberry street, Telephone, 6213 Spring.

First District—Criminal Court Building.

Second District—Jefferson Market.

Third District—Second avenue and First street.

Fourth District—151 East Fifty-seventh street.

Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.

Sixth District—One Hundred and Sixty-second street and Washington avenue.

Seventh District—No. 314 West Fifty-fourth street.

Eighth District—1014 East One Hundred and Eighty-first street, west of Boston road, The Bronx.

Ninth District (Night Court for Males)—No. 151 East Fifty-seventh street.

Tenth District (Night Court for Females)—No. 151 East Fifty-seventh street.

Eleventh District—Domestic Relations Court—151 East Fifty-seventh street.

## SECOND DIVISION.

## BOROUGH OF BROOKLYN.

Otto Kempner, Chief City Magistrate; Edward J. Dooley, John Naumer, A. V. B. Voorhees, Jr., Alexander H. Geismar, John F. Hyman, Howard P. Nash, Charles J. Dodd, John C. McGuire, Louis H. Reynolds, John J. Walsh, Alfred R. Steers, City Magistrates.

Office of Chief Magistrate, 44 Court street, Rooms 209-214, Telephone, 7411 Main.

William F. Delaney, Chief Clerk.

Archibald J. McKinney, Chief Probation Officer.

Myrtle and Vanderbilt avenues, Brooklyn, N. Y. Courts.

First District—No. 318 Adams street.

Second District—Court and Butler streets.

Fifth District—No. 249 Manhattan avenue.

Sixth District—No. 495 Gates avenue.

Seventh District—No. 31 Snider avenue (Flat-bush).

Eighth District—West Eighth street (Coney Island).

Ninth District—Fifth avenue and Twenty-third street.

Tenth District—No. 133 New Jersey avenue.

Domestic Relations Court—Myrtle and Vanderbilt avenues.

## BOROUGH OF QUEENS.

City Magistrates—Joseph Fitch, John A. Leach, Harry Miller, James J. Conway.

Courts.

Fifth District—St. Mary's Lyceum, Long Island City.

Second District—Town Hall, Flushing, L. I.

Third District—Central avenue, Far Rockaway, L. I.

Fourth District—Town Hall, Jamaica, L. I.

## BOROUGH OF RICHMOND.

City Magistrates—Joseph B. Handy, Nathanie Marsh.

Courts.

First District—Lafayette avenue, New Brighton Staten Island.

Second District—Village Hall, Stapleton, Staten Island.

All Courts open daily for business from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

## MUNICIPAL COURTS.

## BOROUGH OF MANHATTAN.

First District—The First District, embraces the territory bounded on the south and west by the southerly and westerly boundaries of the said borough, on the north by the centre line of Fourteenth street and the centre line of Fifth street from the Bowery to Second avenue, on the east by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street, Wauhope Lynn, William F. Moore, John Hoyer, Justices.

Thomas O'Connell, Clerk.

Frank Mangin, Deputy Clerk.

Location of Court—Merchants' Association Building, Nos. 64-66 Lafayette street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. July and August from 9 a. m. to 2 p. m. Additional Part is held at southwest corner of Sixth avenue and Tenth street.

Telephone, 6030 Franklin.

Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.

Benjamin Hoffman, Alexander Wolf, Leonard A. Snitkin, Gustave Hartman, Justices.

James J. Devlin, Clerk.

Location of Court—Nos. 264 and 266 Madison street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4300 Orchard.

Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre

line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth avenues, on the west by the westerly boundary of the said borough.

Thomas E. Murray, Thomas F. Noonan, Justices.

Michael Skelly, Clerk.

Location of Court—No. 314 West Fifty-fourth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone 5450 Columbus.

Fourth District—The Fourth District embraces the territory bounded on the south by the centre line of East Fourteenth street, on the west by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, on the north by the centre line of Fifty-ninth street, on the east by the easterly line of said borough; excluding, however, any portion of Blackwells Island.

Michael E. Blake, William J. Boyhan, Justices.

Abram Bernard, Clerk.

Location of Court—Part I. and Part II., No. 207 East Thirty-second street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4358 Murray Hill.

Fifth District—The Fifth District embraces the territory bounded on the south by the centre line of Sixty-fifth street, on the east by the centre line of Central Park West, on the north by the centre line of One Hundred and Tenth street, on the west by the westerly boundary of said borough, including, however, all of Blackwells Island and excluding any portion of Wards Island.

Alfred P. W. Seaman, William Young, Frederic Spiegelberg, Justices.

John H. Servis, Clerk.

Location of Court—Northwest corner of Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4006 Riverside.

Sixth District—The Sixth District embraces the territory bounded on the south by the centre line of Fifty-ninth street and by the centre line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the centre line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the centre line of Fifth avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the centre line of One Hundred and Tenth street, on the east by the easterly boundary of said borough, including, however, all of Blackwells Island and excluding any portion of Wards Island.

Jacob Marks, Solomon Oppenheimer, Justices.

John J. Dietz, Clerk.

Location of Court—Nos. 155 and 157 East 88th street. Clerk's Office open daily (Sunday and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line coterminous with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.

Philip J. Sinnott, David L. Weil, John R. Davies, Justices.

John P. Burns, Clerk.

Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.

Eighth District—The Eighth District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the west by the centre line of Fifth avenue, on the north and east by the northerly and easterly boundaries of said borough, including Randall's Island and the whole of Wards Island.

Joseph P. Fallon and Leopold Prince, Justices.

Hugh H. Moore, Clerk.

Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3950 Harlem.

Ninth District—The Ninth District embraces the territory bounded on the south by the centre line of Fourteenth street and by the centre line of Fifty-ninth street from the centre line of Seventh avenue to the centre line of Central Park West, on the east by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, and by the centre line of Fifth avenue from the centre line of Ninety-sixth street to the centre line of One Hundred and Tenth street, on the north by the centre line of Ninety-sixth street from the centre line of Lexington avenue to the centre line of Central Park West, on the west by the centre line of Seventh avenue and Central Park West.

Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.

Frank Bulkley, Clerk.

Location of Court—Southwest corner of Madison avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 3873 Plaza.

## BOROUGH OF THE BRONX.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court room, Town Hall, No. 1400 Williamsbridge road, Westchester, New York City. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

Peter A. Sheil, Justice.

Stephen Collins, Clerk.

Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m.

Telephone, 457 Westchester.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court room, southeast corner of Washington avenue and One Hundred and Sixty-second street. Office hours from 9 a. m. to 4 p. m. Court opens at 9 a. m. (Sundays and legal holidays excepted).

John M. Tierney and William E. Morris, Justices.

Thomas A. Maher, Clerk.

Telephone, 3043 Melrose.

## BOROUGH OF BROOKLYN.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards, and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning, of the Borough of Brooklyn.

Court House, northwest corner State and Court streets. Parts I. and II.

Eugene Conran, Justice. John L. Gray, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. (Sundays and legal holidays excepted).

Telephone, 7081 Main.

Second District—Seventh Ward and that portion of the Twenty-first and Twenty-third Wards west of the centre line of Stuyvesant avenue and the centre line of Schenectady avenue, also that portion of the Twentieth Ward beginning at the intersection of the centre lines of North Portland and of Myrtle avenues, thence along the centre line of Myrtle avenue to Waverly avenue, thence along the centre line of Waverly avenue to Park avenue, thence along the centre line of Park avenue to Washington avenue, thence along the centre line of Washington avenue to Flushing avenue, thence along the centre line of Flushing avenue to North Portland avenue, and thence along the centre line of North Portland avenue to the point of beginning.

Court room, No. 495 Gates avenue.

John R. Farrar, George Freifeld, Justices.

John Henigin, Jr., Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. (Sundays and legal holidays excepted). Saturdays, 9 a. m. to 12 m.

Telephone, 504 Bedford.

Third District—Embraces the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards, and that portion of the Twenty-seventh Ward lying northwest of the centre line of Starr street between the boundary line of Queens County and the centre line of Central avenue and northwest to the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and northwest of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.

Court House, Nos. 6 and 8 Lee avenue, Brooklyn.

Philip D. Meagher and William J. Bogenschutz, Justices. John W. Carpenter, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. (Sundays and legal holidays excepted).

Court opens at 9 a. m.

Telephone, 955 Williamsburg.

Fourth District—Embraces the Twenty-fourth and Twenty-fifth Wards, that portion of the Twenty-first and Twenty-third Wards lying east of the centre line of Stuyvesant avenue and east of the centre line of Schenectady avenue, and that portion of the Twenty-seventh Ward lying southeast of the centre line of Starr street between the boundary line of Queens and the centre line of Central avenue and southeast of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and southeast of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.

Court room, No. 14 Howard avenue.

Jacob S. Strahl, Justice. William A. Nelson, Jr., Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. (Sundays and legal holidays excepted).

Fifth District—Contains the Eighth, Thirtieth and Thirty-first Wards, and so much of the Twenty-second Ward as lies south of Prospect avenue.

Court House, northwest corner of Fifty-third street and Third avenue (No. 5220 Third avenue).

Cornelius Furgueson, Justice. Jeremiah J. O'Leary, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. (Sundays and legal holidays excepted).

Sixth District—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and Twentieth Wards beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic avenue to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Myrtle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.

Lucien S. Baylis and Stephen Callaghan, Justices. William R. Fagan, Clerk.

Court House, No. 238 Duffield street.

Telephone, 6166 Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal and Edward A. Richards, Justices. James P. Sinnott, Clerk.

Court House, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue).

Clerk's Office open from 8.45 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Trial days, Mondays, Tuesdays, Wednesdays, Thursdays and Fridays, During July and August, 8.45 a. m. to 2 p. m.

Telephones, 904 and 905 East New York.

## BOROUGH OF QUEENS.

First District—Embraces the territory bounded by and within the canal, Rappelye avenue, Jackson avenue, Old Bowers Bay road, Bowers Bay, East River and Newtown Creek.

Court room, St. Mary's Lyceum, Nos. 113 and 117 Fifth street, Long Island City.

Clerk's Office open from 9 a. m. to 4 p. m. each day, excepting Saturdays, closing at 12 m. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.

Thomas C. Kadien, Justice. John P. Cassidy, Clerk.

Telephone, 1420 Hunters Point.

Second District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, boundary line between the Second and Third Wards, Flushing Creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck Bay, East River, Bowers Bay, Old Bowers Bay road, Jackson avenue, Rappelye avenue, the canal and Newtown Creek.

Court room in Court House of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, Queens County, New York.

John M. Cragen, Justice. J. Frank Ryan, Clerk.

Trial days, Tuesdays, Thursdays and Fridays.

Clerk's Office open from 9 a. m. to 4 p. m. (Sundays and legal holidays excepted).

Telephone, 87 Newtown.

Third District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, Vanover avenue, Jamaica avenue, Shaw avenue, Atlantic avenue, Morris avenue, Rockaway road, boundary line between Queens and Nassau counties, Atlantic Ocean, Rockaway Inlet, boundary line between Queens and Kings counties and Newtown Creek.

Alfred Denton, Justice. John H. Nuhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m.

Trial days, Tuesdays and Thursdays (Fridays for jury trial only), at 9 a. m.

Fourth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing

Creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck Bay, boundary lines between Queens and Nassau counties, Rockaway road, Morris avenue, Atlantic avenue, Shaw avenue, Jamaica avenue and Vandever avenue.

Court House, Town Hall, northeast corner of Fulton street and Flushing avenue, Jamaica.

James F. McLaughlin, Justice. George W. Damon, Clerk.

Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Telephone, 1654 Jamaica.

## BOROUGH OF RICHMOND.

First District—First and Third Wards (Towns of Castleton and Northfield). Court room, former Village Hall, Lafayette avenue and Second street, New Brighton.

Thomas C. Brown, Justice. Thomas E. Cremins, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m. (Sundays and legal holidays excepted).

Court opens 9 a. m.

Telephone, 503 Tompkinsville.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court room, former Edgewater Village Hall, Stapleton.

Arnold J. B. Wedemeyer, Justice. William Wedemeyer, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m.

Court opens at 9 a. m. Calendar called at 9 a. m. Court continued until close of business.

Trial days, Mondays, Wednesdays and Fridays.

Telephone, 313 Tompkinsville.

per cent. of the contract. The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid. (As to form of deposit, see general instructions, last column, last page.)

Bids will be compared and the contract awarded to the lowest bidder for each class complete. Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 18, 1913. d18.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING AND DELIVERING, AS REQUIRED, BUTTER, CHEESE AND EGGS TO THE HOSPITALS, CHILDREN'S CLINICS AND THE TUBERCULOSIS DAY CAMPS OF THE DEPARTMENT OF HEALTH, CITY OF NEW YORK, IN THE VARIOUS BOROUGHES AND THE TUBERCULOSIS SANATORIUM AT OTISVILLE, ORANGE COUNTY, NEW YORK, DURING THE YEAR 1914.

The time for the delivery of the supplies and the performance of the contract is during the year 1914.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract. The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid. (As to form of deposit, see general instructions, last column, last page.)

Bids will be compared and the contract awarded to the lowest bidder for each line or item.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 18, 1913. d18.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING AND DELIVERING, AS REQUIRED, BREAD, FISH AND MINERAL WATERS TO THE HOSPITALS, CHILDREN'S CLINICS AND THE TUBERCULOSIS DAY CAMPS OF THE DEPARTMENT OF HEALTH, CITY OF NEW YORK, IN THE VARIOUS BOROUGHES AND THE TUBERCULOSIS SANATORIUM AT OTISVILLE, ORANGE COUNTY, NEW YORK, AS NOTED IN THE SCHEDULE, OR SUCH OTHER PLACE OR PLACES AS MAY BE SPECIFIED IN WRITING BY THE BOARD OF HEALTH DURING THE YEAR 1914.

The time for the delivery of the supplies and the performance of the contract is during the year 1914.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract. The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid. (As to form of deposit, see general instructions, last column, last page.)

Bids will be compared and the contract awarded to the lowest bidder for each class complete.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 18, 1913. d18.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING AND DELIVERING, AS REQUIRED, FRESH MEATS, SMOKED MEATS AND POULTRY TO THE WILLARD PARKER, RECEPTION, RIVERSIDE AND KINGSTON AVENUE HOSPITALS, THE TUBERCULOSIS DAY CAMPS OF THE DEPARTMENT OF HEALTH, CITY OF NEW YORK, IN THE VARIOUS BOROUGHES, AND TUBERCULOSIS SANATORIUM AT OTISVILLE, ORANGE CO., N. Y., AS NOTED IN THE SCHEDULE, OR SUCH OTHER PLACE OR PLACES AS MAY BE SPECIFIED IN WRITING BY THE BOARD OF HEALTH DURING THE YEAR 1914.

The time for the delivery of the supplies and the performance of the contract is during the year 1914.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to 30 per cent. of the contract. The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid. (As to form of deposit, see general instructions, last column, last page.)

Bids will be compared and the contract awarded to the lowest bidder for each class complete.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 18, 1913. d18.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE WITH

ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, THE PLUMBING WORK IN ONE BRICK KITCHEN BUILDING TO BE ERECTED AT KINGSTON AVENUE HOSPITAL, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is two hundred (200) consecutive working days.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount of Three Thousand Five Hundred Dollars (\$3,500).

The bid, however, must be accompanied by a deposit of an amount of not less than one hundred and seventy-five dollars (\$175).

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 17, 1913. d17.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE, WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, THE HEATING WORK IN ONE BRICK KITCHEN BUILDING TO BE ERECTED AT KINGSTON AVENUE HOSPITAL, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is two hundred (200) consecutive working days.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount of Two Thousand Dollars (\$2,000).

The bid, however, must be accompanied by a deposit of an amount of not less than One Hundred Dollars (\$100).

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 17, 1913. d17.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE, WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, EXCEPT PLUMBING AND HEATING, ONE BRICK KITCHEN BUILDING TO BE ERECTED AT KINGSTON AVENUE HOSPITAL, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is two hundred (200) consecutive working days.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount of Thirty Thousand Dollars (\$30,000).

The bid, however, must be accompanied by a deposit of an amount of not less than One Thousand Two Hundred Dollars (\$1,200).

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 17, 1913. d17.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**MONDAY, DECEMBER 22, 1913.**

FOR DREDGING ABOUT 4,200 CUBIC YARDS AT THE WESTERLY SIDE OF NORTH BROTHER ISLAND, BOROUGH OF THE BRONX.

The time for the completion of the work and the full performance of the contract is ten (10) calendar days.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to 50 per cent. of the contract.

The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for either Propositions Nos. 1, 2, 3 or 4, at the discretion of the Department.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

**TUESDAY, DECEMBER 30, 1913.**

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE WITH

**MONDAY, DECEMBER 22, 1913.**

FOR MAKING REPAIRS TO TWO PIERS, ONE BULKHEAD PLATFORM AND ONE LANDING STAGE AT NORTH BROTHER ISLAND AND ONE PIER AND LANDING STAGE AT THE FOOT OF 132D ST., EAST RIVER, BOROUGH OF THE BRONX.

The time for the completion of the work and the full performance of the contract is one hundred (100) calendar days.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to 50 per cent. of the contract.

The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President;  
JOSEPH J. O'CONNELL, M.D., RHINE-  
LANDER WALDO, Board of Health.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

**Amendment to Sanitary Code.**

AT A MEETING OF THE BOARD OF Health of the Department of Health, held December 9, 1913, the following resolution was adopted:

Resolved, That section 108 of the Sanitary Code be and the same is hereby amended to take effect January 1, 1914, so as to read as follows:

Section 108. It shall be the duty of every owner, tenant, lessee, occupant or person in charge of any and every building or place of business in the generally built-up portions of The City of New York forthwith to provide or cause to be provided, and at all times thereafter to keep and cause to be kept and provided, within such building or place of business, and for the exclusive use of such building or place of business, separate receptacles for receiving and holding, without leakage, all the ashes, garbage and liquid substances that may accumulate during thirty-six hours, from said building or place of business, or the portion thereof of which such person may be the owner, tenant, lessee, occupant or in charge, and every such receptacle designed and used to hold ashes shall be made of or lined with some suitable metal.

And it shall be the duty of every owner, lessee or agent of any such building or place of business to cause to be separated and put into their respective receptacles all such materials and substances, and such receptacles shall not be filled to within four inches of the top thereof.

And such receptacles, as well as any light refuse or rubbish to be removed, shall be kept within the premises until the proper time for removal, and shall then be placed in the area, or within the stoop line, fence or other enclosure in front of any building and not upon the sidewalk, and shall there remain until such materials or substances are removed by the Department of Street Cleaning, but in no case shall such receptacles be placed where they shall be or become a nuisance.

All light refuse or rubbish likely to be scattered or blown about shall, before being placed outside of any building or premises for removal, be properly bundled, packed or otherwise secured.

Any receptacle containing garbage or liquid substances, which shall be placed outside of a building in the area or within the stoop line, fence or other enclosure shall be covered and kept covered until such removal, as aforesaid.

The foregoing provisions are applicable throughout The City of New York, except that in the Borough of Richmond ashes from house furnaces shall be kept in a receptacle separate and apart from the remainder of the household waste, and no material other than furnace ashes shall be placed in said receptacle. Other household waste materials, including garbage, kitchen ashes, sweepings, soiled paper or rubbish shall be placed in a separate metal or metal lined receptacle, which when placed outside of a building for removal shall be covered and kept covered with a tight fitting cover.

No receptacle shall when filled contain more than two cubic feet of material nor weigh more than one hundred pounds, and a sufficient number of receptacles shall be provided by the owner, lessee or occupant of a building to hold whatever ashes or other waste materials may accumulate thereat during sixty hours next preceding the removal thereof.

Newspapers, wrapping paper and other light rubbish likely to be blown or scattered about the street shall be securely bundled, tied or packed before placed for removal. Yard sweepings, hedge cuttings, grass, leaves, earth, stone bricks or trade waste shall not be mixed with household waste.

Accumulations of household refuse resulting from failure to take advantage of the regular collection service shall be removed at the expense of the person or persons concerned.

A true copy.

EUGENE W. SCHEFFER, Secretary. d15.22

AT A MEETING OF THE BOARD OF Health of the Department of Health of The City of New York, held in the said City on the 9th day of December, 1913, the following resolution was adopted:

Whereas Bichloride of mercury, otherwise known as corrosive sublimate, has frequently been taken by mistake and loss of life has resulted therefrom, therefore, be it

Resolved, That the Sanitary Code be and the same is hereby amended by the adoption of an additional section to be known as section sixty-seven (a), to take effect March 1, 1914, and to read as follows:

Section 67a. Bichloride of mercury, otherwise known as corrosive sublimate, shall not be held, kept, sold or offered for sale at retail in the dry form except in colored tablets individually wrapped, the wrapper to have the word "Poison" in plain letters conspicuously placed, and dispensed in sealed containers of glass, conspicuously labeled with the word "Poison" in red letters.

This section does not apply to tablets containing one-tenth of a grain or less of bichloride of mercury.

A true copy.

EUGENE W. SCHEFFER, Secretary. d15.22

## BOROUGH OF THE BRONX.

### Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at the above office, until 10.30 a. m., on

**TUESDAY, DECEMBER 30, 1913.**

No. 1. FOR ALL THE LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION OF THE HEATING AND VENTILATING SYSTEM IN THE PUBLIC COMFORT STATION TO BE LOCATED AT 149TH ST. AND BERGEN AVE., BOROUGH OF THE BRONX.

The time allowed for the completion of the work will be one hundred and fifty (150) calendar consecutive working days.

The amount of security required will be Two Hundred and Fifty Dollars (\$250).

No. 4. FOR ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A PUBLIC COMFORT STATION TO BE LOCATED AT 149TH ST. AND BERGEN AVE., BOROUGH OF THE BRONX, EXCEPT PLUMBING AND GAS FITTING AND HEATING AND VENTILATION.

The time allowed for the completion of the work will be one hundred and fifty (150) calendar consecutive working days.

The amount of security required will be Five Thousand Dollars (\$5,000).

No. 5. FOR ALL THE LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION OF THE PLUMBING AND GAS FITTING SYSTEM IN THE PUBLIC COMFORT STATION TO BE LOCATED AT 149TH ST. AND BERGEN AVE., BOROUGH OF THE BRONX.

The time allowed for the completion of the work will be one hundred and fifty (150) calendar consecutive working days.

The amount of security required will be One Thousand Two Hundred Dollars (\$1,200).

Blank forms can be obtained upon application therefor; the plans and specifications may be seen and other information obtained at said office.

CYRUS C. MILLER, President. d18.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at the above office, until 10.30 a. m., on

**TUESDAY, DECEMBER 30, 1913.**

No. 1. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN WHITE PLAINS AVE. FROM WALKER AVE. TO WESTCHESTER AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

3,100 cubic yards of earth excavation,  
200 cubic yards of rock excavation,  
27,600 cubic yards of filling,  
5,625 linear feet new curb,  
2,875 square feet new bluestone flagging,  
19,200 square feet concrete sidewalk,  
2,360 square feet new bridge stone,  
1,925 cubic yards dry rubble masonry,  
300 linear feet vitrified pipe, 12 inches in diameter,  
5,000 feet (B. M.) timber,  
2,300 linear feet guard rail.

The time allowed for the completion of the work will be one hundred and eighty (180) consecutive working days.

The amount of security required will be Thirteen Thousand Dollars (\$13,000).

No. 2. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN E. 168TH ST. FROM CLAY AVE. TO MORRIS AVE., AND BUILDING STEPS AND APPURTENANCES, WHERE NECESSARY, BETWEEN CLAY AVE. AND TELLER AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

2,620 cubic yards of earth excavation,  
1,480 cubic yards rock excavation,  
1,880 cubic yards filling,  
1,240 linear feet new bluestone curb,  
30 linear feet old curb,  
8,650 square feet cement flagging,  
140 cubic yards of rubble masonry in mortar,  
160 cubic yards broken range ashlar masonry,  
6 cubic yards class B concrete,  
770 cubic feet of steps,  
300 cubic feet cut granite,  
170 linear feet vitrified pipe, 8 inches in diameter,  
70 linear feet vitrified pipe, 4 inches in diameter,  
1 manhole,  
250 linear feet guard rail,  
510 linear feet iron pipe railing,  
9 cast iron inlets,  
270 square feet sodding,  
7 cast iron lamp-posts,  
4 bronze lamps,  
1 pavilion,  
1 subway conduit system,  
30 linear feet of vitrified pipe, 12 inches in diameter.

The time allowed for the completion of the work will be one hundred and twenty (120) consecutive working days.

The amount of security required will be Seven Thousand Dollars (\$7,000).

Blank forms can be obtained upon application therefor; the plans and specifications may be seen, and other information obtained at said office.

CYRUS C. MILLER, President. d18.30

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at the above office, until 10.30 a. m., on

**TUESDAY, DECEMBER 30, 1913.**

No. 1. FOR PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF ZEREGA AVE. FROM WESTCHESTER AVE. TO ST. RAYMOND AVE., AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO (PERMANENT PAVEMENT).

The Engineer's estimate of the work is as follows:

4,115 square yards of completed sheet asphalt pavement, medium traffic mixture, including binder course and keeping the pavement in repair for five years from date of acceptance,  
822 cubic yards of concrete,  
100 linear feet of new curbstone furnished and set,  
2,090 linear feet of old curbstone rejointed, recut on top and resurfaced.

The time allowed for the completion of the work will be thirty (30) consecutive working days.

The amount of security required will be Four Thousand Five Hundred Dollars (\$4,500).

No. 2. FOR PAVING WITH BITUMINOUS CONCRETE ON A CEMENT CONCRETE FOUNDATION THE ROADWAY OF CLAYSON POINT ROAD, FROM WESTCHESTER

AVE. TO THE EAST RIVER, ADJUSTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO (PRELIMINARY PAVEMENT).

The Engineer's estimate of the work to be done is as follows:

57,900 square yards of completed bituminous concrete pavement and keeping the pavement in repair for five years from date of acceptance.  
5,050 square yards of completed bituminous concrete pavement, not to be kept in repair.  
7,400 cubic yards of Class B concrete.  
6,000 linear feet of curbstone adjusted.  
The time allowed for the completion of the work will be one hundred and thirty (130) consecutive working days.

The amount of security required will be Forty-six Thousand Dollars (\$46,000).

No. 3. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN AND PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF E. 140TH ST., FROM PARK AVE. TO MORRIS AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO (PERMANENT PAVEMENT).

The Engineer's estimate of the work is as follows:

1,600 square yards of completed sheet asphalt pavement, medium traffic mixture, including binder course, and keeping the pavement in repair for five years from date of acceptance.  
335 cubic yards of concrete.  
1,200 linear feet of new curbstone furnished and set.  
50 linear feet of old curbstone rejoined, recut on top and reset.

1,400 cubic yards of excavation of all kinds.  
4,800 square feet concrete sidewalk.  
The time allowed for the completion of the work will be sixty (60) consecutive working days.

The amount of security required will be Two Thousand Seven Hundred Dollars (\$2,700).

No. 4. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN E. 164TH ST., FROM SHERIDAN AVE. TO JEROME AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

6,100 cubic yards of earth excavation.  
9,600 cubic yards of rock excavation.  
9,000 cubic yards of filling.  
3,100 linear feet of new curb.  
16,500 square feet of concrete sidewalk.  
450 square feet of new bridge stone.  
400 cubic yards of dry rubble masonry.  
100 linear feet of vitrified pipe 12 inches in diameter.  
1,500 linear feet of guard rail.  
Sinkage, shrinkage and settlement.

The time allowed for the completion of the work will be one hundred and fifty (150) consecutive working days.

The amount of security required will be Ten Thousand Nine Hundred Dollars (\$10,900).

No. 5. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN W. 254TH ST., BETWEEN BROADWAY AND GRADE PLUS 57.2, ABOUT 235 FEET WEST OF THE WESTERLY HOUSE LINE OF VALLES AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

850 cubic yards of earth excavation.  
350 cubic yards of rock excavation.  
18,700 cubic yards of filling.  
1,950 linear feet of new curb.  
7,750 square feet of new bluestone flagging.  
800 square feet of new bridge stone.  
400 cubic yards of dry rubble masonry.  
200 linear feet of vitrified pipe 15 inches in diameter.  
1,400 linear feet of guard rail.

The time allowed for the completion of the work will be one hundred and forty-five (145) consecutive working days.

The amount of security required will be Six Thousand Dollars (\$6,000).

No. 6. FOR SETTING CURBSTONES AND FLAGGING THE SIDEWALKS IN BEACH AVE., FROM GLEASON AVE. TO WATSON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

1,560 linear feet of new curb.  
7,600 square feet of concrete sidewalk.  
The time allowed for the completion of the work will be thirty (30) working days.

The amount of security required will be One Thousand One Hundred Dollars (\$1,100).

No. 7. FOR CONSTRUCTING SEWER AND APPURTENANCES IN CASTLE HILL AVE. BETWEEN WESTCHESTER AVE. AND PARKER ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

505 linear feet of vitrified pipe sewer, 20-inch.  
567 linear feet of vitrified pipe sewer, 15-inch.  
810 linear feet of vitrified pipe sewer, 12-inch.  
75 linear feet of basin connections.  
50 linear feet of vitrified pipe drains, 12-inch to 24-inch.  
262 spurs for house connections.  
20 manholes.  
1 receiving basin, Type B.  
50 cubic yards of rock excavation.  
140 cubic yards of concrete, Class C.  
1,000 pounds of steel reinforcement bars.  
1,000 feet, board measure, of timber sheeting.

The time allowed for the completion of the work will be one hundred and fifty (150) consecutive working days.

The amount of security required will be Four Thousand Six Hundred Dollars (\$4,600).

No. 8. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN WALDO AVE., BETWEEN W. 242D ST. AND W. 236TH ST.; W. 236TH ST., BETWEEN WALDO AVE. AND RIVERDALE AVE.; RIVERDALE AVE., BETWEEN W. 236TH ST. AND W. 238TH ST.; GREYSTONE AVE., BETWEEN W. 236TH ST. AND 500 FEET NORTH OF W. 238TH ST.; W. 238TH ST., BETWEEN WALDO AVE. AND RIVERDALE AVE.; ALSO WITH TEMPORARY CONNECTIONS AT THE INTERSECTIONS OF WALDO AVE. AND GREYSTONE AVE., AT W. 236TH ST., GREYSTONE AVE. AND FIELDSTON ROAD WITH W. 238TH ST., W. 236TH ST. WITH RIVERDALE AVE. AND FIELDSTON ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

297 linear feet of concrete sewer 4 feet in diameter.  
212 linear feet of vitrified pipe sewer, 24-inch.  
7 linear feet of vitrified pipe sewer, 18-inch.  
1,345 linear feet of vitrified pipe sewer, 15-inch.  
2,834 linear feet of vitrified pipe sewer, 12-inch.  
278 linear feet of basin connections.  
150 linear feet of vitrified pipe drains, 12-inch to 24-inch.  
518 spurs for house connections.

49 manholes.  
10 receiving basins, Type B.  
6,000 cubic yards of rock excavation.  
15 cubic yards of concrete, Class A.  
15 cubic yards of concrete, Class B.  
145 cubic yards of concrete, Class C.  
1,000 pounds of steel reinforcement bars.  
1,000 feet, board measure, of timber sheeting.  
1,000 feet, board measure, of timber sheeting.  
The time allowed for the completion of the work will be three hundred (300) consecutive working days.

The amount of security required will be Nineteen Thousand Dollars (\$19,000).

No. 9. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN LAFAYETTE AVE., FROM BRONX RIVER TO DAMIS AVE.; DAMIS AVE., FROM BRONX RIVER AVE. TO WESTCHESTER AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

827 linear feet of double concrete sewer 5 feet 0 inches by 7 feet 0 inches.  
809 linear feet of double concrete sewer 5 feet 0 inches by 6 feet 6 inches.  
826 linear feet of single concrete sewer 7 feet 6 inches by 6 feet 6 inches.  
25 linear feet of single concrete sewer 5 feet 3 inches by 6 feet 0 inches.  
286 linear feet of single concrete sewer 4 feet 6 inches in diameter.  
996 linear feet of single concrete sewer 54 inches by 68 inches.  
52 linear feet of single concrete sewer 34 inches by 46 inches.  
28 linear feet of single concrete sewer, 32 inches by 44 inches.  
28 linear feet of single concrete sewer 29 inches by 40 inches.  
26 linear feet of vitrified pipe sewer, 30-inch.  
52 linear feet of vitrified pipe sewer, 24-inch.  
26 linear feet of vitrified pipe sewer, 20-inch.  
58 linear feet of vitrified pipe sewer, 18-inch.  
26 linear feet of vitrified pipe sewer, 15-inch.  
31 linear feet of vitrified pipe sewer, 12-inch.  
9 linear feet of basin connections.  
200 linear feet of vitrified pipe drain, 12-inch to 24-inch.  
470 spurs for house connections.  
36 manholes.  
2 receiving basins, Type B.  
200 square yards of slope pavement.  
850 cubic yards of rock excavation.  
2,200 cubic yards of concrete, Class B.  
20 cubic yards of concrete, Class C.  
25 cubic yards of stone ballast.  
47,000 pounds of steel reinforcement bars.  
65,000 feet, board measure, of timber sheeting.  
15,000 feet, board measure, of timber sheeting.  
49,000 linear feet of piles.

The time allowed for the completion of the work will be three hundred (300) consecutive working days.

The amount of security required will be Fifty Thousand Dollars (\$50,000).

Blank forms can be obtained upon application therefor; the plans and specifications may be seen, and other information obtained at said office.

CYRUS C. MILLER, President.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of the Bronx, at the above office, until 10.30 a. m., on

THURSDAY, DECEMBER 18, 1913.

No. 1. FOR CLEANING AND PAINTING THE STEEL AND IRON WORK OF THE BRIDGES OVER THE N. Y. C. & H. R. R. TRACKS AT GERARD AVE. AND RIVER AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The time allowed for the completion of the work will be fifty (50) consecutive working days.

The amount of security required will be Eight Hundred Dollars (\$800).

No. 2. FOR FURNISHING AND DELIVERING SPRUCE LUMBER.

The time allowed for the delivery of the article and the performance of the contract will be on or before December 31, 1913.

The amount of security required will be thirty (30) per cent. of the total amount of the award.

No. 3. FOR FURNISHING AND DELIVERING GEORGIA LONG LEAF YELLOW PINE LUMBER.

The time allowed for the delivery of the articles and the performance of the contract will be on or before December 31, 1913.

The amount of security required will be thirty (30) per cent. of the total amount of the award.

Blank forms can be obtained upon application therefor; the specifications may be seen and other information obtained at said office.

CYRUS C. MILLER, President.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Proposals.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING, INSTALLING, MAINTAINING AND RESERVING, FOR THE USE OF THE HIGH PRESSURE FIRE SERVICE, ALL APPARATUS AND EQUIPMENT NECESSARY FOR GENERATING AND TRANSMITTING 1,830 KILOWATTS OF THREE-PHASE, 6,600-VOLT, TWENTY-FIVE CYCLE ELECTRIC POWER, AND FURNISHING AND DELIVERING THIS POWER, UNDER THE TERMS OF THIS CONTRACT, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

THE BIDDER WILL STATE THE PRICE OF EACH ITEM OR ARTICLE CONTAINED IN THE SPECIFICATIONS OR SCHEDULES, PER LAMP, LAMPPOST, COLUMN, SERVICE PIPE, STANDPIPE OR OTHER UNIT OF MEASURE, BY WHICH THE BIDS WILL BE TESTED.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 16, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING AND MAINTAINING ELECTRIC LAMPS FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE CITY OF NEW YORK.

No. 1. BOROUGH OF MANHATTAN.

No. 2. BOROUGH OF THE BRONX.

No. 3. BOROUGH OF QUEENS.

No. 4. BOROUGH OF RICHMOND.

The amount of security required is twenty-five (25) per cent. 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, per lamp, lamp-post, column, service pipe, standpipe or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 16, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING GAS FOR AND TO THE PUBLIC LAMPS ON THE STREETS, SUPPLYING GAS, ETC., FOR NEW LAMPS WHEN REQUIRED, FOR MAKING CERTAIN REPAIRS TO LAMPPOSTS AND FOR FURNISHING GAS TO PUBLIC BUILDINGS, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE CITY OF NEW YORK.

No. 1. BOROUGH OF MANHATTAN.

No. 2. BOROUGH OF THE BRONX.

No. 3. BOROUGH OF QUEENS.

No. 4. BOROUGH OF RICHMOND.

The amount of security required is twenty-five (25) per cent. 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, per lamp, lamp-post, column, service pipe, standpipe or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 16, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING GAS FOR AND TO THE PUBLIC LAMPS ON THE STREETS, SUPPLYING GAS, ETC., FOR NEW LAMPS WHEN REQUIRED, FOR MAKING CERTAIN REPAIRS TO LAMPPOSTS AND FOR FURNISHING GAS TO PUBLIC BUILDINGS, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE CITY OF NEW YORK.

No. 1. BOROUGH OF MANHATTAN.

No. 2. BOROUGH OF THE BRONX.

No. 3. BOROUGH OF QUEENS.

No. 4. BOROUGH OF RICHMOND.

The amount of security required is twenty-five (25) per cent. 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, per lamp, lamp-post, column, service pipe, standpipe or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 16, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING AND MAINTAINING ELECTRIC LAMPS FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The amount of security required is twenty-five (25) per cent. of the amount of bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules, per lamp, lamp-post, column, service pipe, standpipe, or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 15, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING PUTTING IN PLACE AND MAINTAINING ONE HUNDRED AND FIFTY-FIVE (155) GAS REGULATORS FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR FURNISHING GAS REGULATORS IN PUBLIC BUILDINGS IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The amount of security required for furnishing gas regulators is fifty (50) per cent. 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, per regulator, or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 15, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING PUTTING IN PLACE AND MAINTAINING SIX HUNDRED AND NINE (609) GAS REGULATORS FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR FURNISHING GAS REGULATORS IN PUBLIC BUILDINGS IN THE CITY OF NEW YORK, IN THE BOROUGH OF MANHATTAN AND THE BRONX.

FOR FURNISHING STEAM HEAT FOR HEATING OR POWER PURPOSES TO CERTAIN PUBLIC BUILDINGS FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR FURNISHING STEAM TO PUBLIC BUILDINGS IN THE CITY OF NEW YORK IN THE BOROUGH OF MANHATTAN AND THE BRONX.

The amount of security required for furnishing gas regulators is fifty (50) per cent. of the amount of the bid or estimate.

For furnishing steam the amount of security required is twenty-five (25) per cent. 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, per regulator, in the contract for gas regulators and per thousand pounds of steam, as measured on a meter, or per building per month, or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 16, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING GAS FOR AND TO THE PUBLIC LAMPS ON THE STREETS, SUPPLYING GAS, ETC., FOR NEW LAMPS WHEN REQUIRED, FOR MAKING CERTAIN REPAIRS TO LAMPPOSTS AND FOR FURNISHING GAS TO PUBLIC BUILDINGS, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR LIGHTING STREETS, AVENUES, PUBLIC BUILDINGS, PARKS AND PUBLIC PLACES IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

FOR FURNISHING GAS LAMPS, ETC., ON THE STREETS, AND SO ON, AND FOR CONNECTING, LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING THE SAME, AND ALSO LAMPS BELONGING TO THE CITY, SUPPLYING NEW LAMPS WHEN REQUIRED AND FOR FURNISHING BURNERS AND APPLIANCES FOR IMPROVED SYSTEM OF LIGHTING ON THE STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR FURNISHING GAS LAMPS, ETC., ON THE STREETS, AND SO ON, IN THE BOROUGH OF BROOKLYN, IN THE CITY OF NEW YORK.

FOR FURNISHING NAPHTHA OR SIMILAR ILLUMINATING MATERIAL FOR THE PUBLIC LAMPS USING SAME AND FOR FURNISHING, LIGHTING, EXTINGUISHING, CLEANING, REPAIRING AND MAINTAINING SUCH LAMPS, SUPPLYING NAPHTHA, ETC., FOR NEW LAMPS, FOR FURNISHING NEW LAMPS AS REQUIRED, FOR FURNISHING OR MAKING CERTAIN REPAIRS TO LAMPPOSTS AND FOR FURNISHING BURNERS AND APPLIANCES FOR IMPROVED SYSTEM OF LIGHTING STREETS, AVENUES, PARKS AND PUBLIC PLACES, FROM JANUARY 1, 1914, TO DECEMBER 31, 1914, BOTH INCLUSIVE.

FOR FURNISHING GAS LAMPS, ETC., ON THE STREETS, AND SO ON, IN THE BOROUGH OF BROOKLYN, IN THE CITY OF NEW YORK.

The amount of security required is twenty-five (25) per cent. of the amount of bid or estimate, except "For furnishing gas lamps," where the security required is fifty (50) per cent. 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, per lamp, lamp-post, column, service pipe, standpipe or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building.

HENRY S. THOMPSON, Commissioner.

New York, December 15, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1904,

The bidder will state the price of each item or article contained in the specification, as well as in the contract for the furnishing and so on, of the apparatus, equipment and power required, as measured by meter or other unit of measure, by which the bids will be tested.

Blank forms may be obtained at the office of the Department, Room 2339, Park Row Building, HENRY S. THOMPSON, Commissioner.

New York, December 16, 1913. d17,30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, at the above office, until 2 o'clock p. m., on

**MONDAY, DECEMBER 29, 1913.**

**Borough of Brooklyn.**

FOR REMODELING AND EXTENDING THE BUILDINGS AT THE N. PORTLAND AVE. REPAIR YARD, NO. 98 N. PORTLAND AVE.

Section III. FOR ALL STEAM HEATING WORK.

The security required will be Five Hundred Dollars (\$500).

The bidder will state the price per unit for the work contained in the specifications or schedule, by which the bids will be tested. The bids will be compared and the award will be made to the lowest formal bidder in a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelopes in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner. d16,29

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m., on

**MONDAY, DECEMBER 29, 1913.**

**Boroughs of Manhattan and Brooklyn.**

FURNISHING AND DELIVERING FIFTY THOUSAND POUNDS OF PIG LEAD.

The time allowed for the delivery of the materials and supplies and the performance of the contract will be thirty (30) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The bids will be compared and award will be made to the lowest formal bidder in a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelopes in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner. d16,29

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity, at the above office, until 2 o'clock p. m., on

**TUESDAY, DECEMBER 23, 1913.**

**Boroughs of Manhattan and Brooklyn.**

FURNISHING AND DELIVERING RUBBER COATS AND BOOTS, TOOL STEEL, BRASS RODS, BRASS WIRE, SUCTION HOSE COMPLETE WITH VALVES AND STRAINERS, LEATHER, COUNTERSHAFT, STEEL SPLIT PULLEYS, GASOLINE MOTOR DRIVEN SUCTION PUMPS, AXE, PICK AND SLEDGE HANDLES, SHOVELS, MELTING POTS, SCYTHES, BLADES, LAWN MOWERS, GRASS SHEARS, WOODEN RAKES, SCYTHES, SNATHS, FILES.

The time allowed for the delivery of the materials and supplies and the performance of the contract will be thirty (30) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The bidder will state the price per unit for each item of work contained in the specifications or schedule, by which the bids will be tested. The bids will be compared and award will be made to the lowest formal bidder on each item.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelopes in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner. d11,23

See General Instructions to Bidders on the last page, last column, of the "City Record."

## BOARD MEETINGS.

### Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

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

### Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

### Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesday, at 11 a. m., at call of the Mayor.

JOHN KORB, JR., Secretary.

### Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Friday, at 11 a. m., upon notice of the Chief Clerk.

JOHN KORB, JR., Chief Clerk.

**Board of City Record.**

The Board of City Record meets in the City Hall at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

## BELLEVUE AND ALLIED HOSPITALS.

### Proposals.

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees in the Staff Room of Bellevue Hospital (entrance, 415 E. 26th st.), until 3 o'clock p. m., on

**TUESDAY, DECEMBER 30, 1913.**

For:

Specification No. 8. X-RAY TUBES AND X-RAY PLATES.

Specification No. 9. FORAGE.

Specification No. 10. ICE.

The time for delivery and the full performance of the contract is as follows: X-ray tubes and plates by or before December 31, 1914; forage by or before August 31, 1914; ice by or before March 31, 1914.

The surety required on contract will be thirty (30) per cent. of the total amount of the award. The deposit required will be not less than one and one-half (1 1/2) per cent. of the total amount of the bid or estimate.

The bidder will state the price per gallon, per yard, per pound or other designated unit, by which the bid 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, 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 E. 29th st., Borough of Manhattan.

**BOARD OF TRUSTEES, BELLEVUE AND ALLIED HOSPITALS.** BY JOHN W. BRANNAN, President.

Dated December 16, 1913. d18,30

See General Instructions to Bidders on the last page, last column, of the "City Record."

## MUNICIPAL CIVIL SERVICE COMMISSION.

### Notices of Examinations.

MUNICIPAL CIVIL SERVICE COMMISSION, MUNICIPAL BUILDING, ROOM 1482, NEW YORK, DECEMBER 11, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

**THURSDAY, DECEMBER 11, 1913, to 4 p. m.**

**FRIDAY, DECEMBER 26, 1913,**

for the position of

ASSISTANT DIRECTOR OF BACTERIOLOGICAL LABORATORIES, MUNICIPAL SANATORIUM, OTISVILLE, NEW YORK, DEPARTMENT OF HEALTH.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., FRIDAY, DECEMBER 26, 1913, will be accepted. Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which postage is not fully 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, 6; Technical, 4. Seventy per cent. required on Experience and seventy-five per cent. on the Technical paper.

Applications for this examination must be filed on a special blank, Form B. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications.

Candidates must have the degree of M.D. or Ph.D., or its equivalent and at least two years' experience in bacteriological work.

Candidates must be able to prepare the various antitoxins and other sera, small-pox vaccine and other biological products supplied by the New York City Board of Health, and to carry on research work in tuberculosis problems and to carry out such clinical work in bacteriology as may develop in connection with the sanatorium.

Minimum age, 21 years. Salary, \$3,000 per annum.

F. A. SPENCER, Secretary. d11,26

MUNICIPAL CIVIL SERVICE COMMISSION, MUNICIPAL BUILDING, ROOM 1482, NEW YORK, DECEMBER 9, 1913.

### AMENDED NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

**TUESDAY, DECEMBER 9, 1913, TO 4 P. M.**

**TUESDAY, DECEMBER 23, 1913,**

for the position of

ALIENIST, GRADE 3.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., TUESDAY, DECEMBER 23, 1913, will be accepted. Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which postage is not fully prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York. Candidates must be qualified examiners in lunacy of the State of New York. Candidates must have had experience in the care and treatment of the insane.

The subjects and weights of the examination are: Experience, 5; Technical, 5. Seventy-five per cent. required on the technical and 70 per cent. on the experience.

Applications for this examination must be filed on a special blank, Form B. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications. The experience will then be rated. Candidates failing to receive 70 per cent. on the experience paper will not be summoned for the physical examination. Candidates failing to pass the physical examination will not be summoned for the written examination.

The time and place of holding the physical and mental examinations will be announced later.

There are two vacancies in the Department of Public Charities; one at \$1,350 and one at \$1,800 per annum with maintenance; two vacancies in Bellevue and Allied Hospitals, one at \$2,100 and one at \$1,500 per annum, with maintenance.

Minimum age, 25 years.

Applications for this position filed during September, 1913, need not be renewed.

F. A. SPENCER, Secretary. d9,23

MUNICIPAL CIVIL SERVICE COMMISSION, MUNICIPAL BUILDING, ROOM 1482, NEW YORK, DECEMBER 5, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

**FRIDAY, DECEMBER 5, 1913, TO 4 P. M.**

**FRIDAY, DECEMBER 19, 1913,**

for the position of

INSPECTOR, PUBLIC WORKS, GRADE 2.

Certification will be made from list resulting from this examination to fill vacancies in the positions of Inspector of Regulating, Grading and Paving, Inspector of Sewer Construction, Inspector of Sewer Connections, Inspector of Street Openings and Inspector of Incumbrances.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., FRIDAY, DECEMBER 19, 1913, will be accepted. Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which postage is not fully 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; Duties, 5; Arithmetic, 1. Seventy per cent. required on the Duties paper; 70 per cent. on Experience and 70 per cent. on the entire examination.

Applications for this examination must be filed on a special blank, Form B. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications. The experience paper will then be rated. Candidates receiving less than 70 per cent. will not be summoned for the physical examination. Candidates failing in the physical examination will not be summoned for the mental test.

Candidates will be tested as to their practical knowledge of the details of the materials and construction work of highways, pavements, sewers, water pipe lines and other City work. They should be familiar in a general way with the laws and ordinances regarding such work and specifications for materials and workmanship and must be able to intelligently interpret them.

They should be familiar with City practice and contractors' methods. They should have had either a technical education or at least three years' practical experience in connection with similar work.

Minimum age, 21 years; usual salary, \$1,200 per annum.

There are at present six vacancies in the Borough of Manhattan and four in the Borough of Queens.

F. A. SPENCER, Secretary. d5,19

MUNICIPAL CIVIL SERVICE COMMISSION, MUNICIPAL BUILDING, ROOM 1482, NEW YORK, DECEMBER 4, 1913.

### AMENDED NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN THAT application will be received from

**THURSDAY, DECEMBER 4, 1913, TO 4 P. M.**

**THURSDAY, DECEMBER 18, 1913,**

for the position of

TELEGRAPH OPERATOR (MALE), FIRE DEPARTMENT.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., Thursday, December 18, 1913, will be accepted. Application blanks will be mailed upon request but the Commission will not guarantee the delivery of the same. Applications forwarded by mail, upon which postage is not fully prepaid, will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York. Applicants who filed applications for this position in October, 1913, will be notified to appear for the examination.

The subjects and weights of the examination are: Technical (to include a practical test and a written examination), each to count fifty (50) per cent.; 8; experience, 2. 75 per cent. required on the written technical paper and 75 per cent. on the practical test. A total percentage of seventy is required.

Candidates should possess a thorough knowledge of telegraphy and of the maintenance of circuits, including the correction of trouble; should be familiar with the Morse code and other telegraphic signals; and should have experience fitting them for the exercise of quick judgment in cases of emergency.

Applications for this examination must be filed on a special blank, Form B. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications.

A physical examination will precede the mental. Candidates having organic diseases which are likely to incapacitate them in a short time and candidates whose hearing is defective will be rejected.

Minimum age, 21 years; maximum age, 40 years. Salary, \$1,200 and \$1,500 per annum.

There are vacancies in the Fire Department. The dates of the mental and physical examinations will be announced later.

d4,18. F. A. SPENCER, Secretary.

## DEPARTMENT OF PARKS.

### Proposals.

OFFICE OF THE DEPARTMENT OF PARKS, ZBROWSKI MANSION, CLAREMONT PARK, BOROUGH OF THE BRONX.

SEALED BIDS WILL BE RECEIVED BY the Park Commissioner at the above office of the Department of Parks until 11 o'clock a. m., on

**MONDAY, DECEMBER 29, 1913.**

FOR THE PRIVILEGE OF SELLING REFRESHMENTS (SPIRITUOUS AND MALT LIQUORS EXCEPTED) AT THE STAND IN VAN CORTLANDT PARK, OPPOSITE THE MAIN GATE TO WOODLAWN CEMETERY, ON JEROME AVE.

Privilege will be granted for a period of three (3) years from the first day of January, 1914.

No bids will be considered unless accompanied by a certified check or money to the amount of one-quarter of the sum bid for the rent and privilege per year.

The bids will be compared and the privilege will be awarded to the highest responsible bidder.

The Commissioner reserves the right to reject any or all bids.

Form of proposal and full information as to bidding can be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, New York City.

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx. d13,29

OFFICE OF THE DEPARTMENT OF PARKS, ZBROWSKI MANSION, CLAREMONT PARK, BOROUGH OF THE BRONX.

SEALED BIDS WILL BE RECEIVED BY the Park Commissioner at the above office of the Department of Parks until 10 o'clock a. m., on

**SATURDAY, DECEMBER 20, 1913.**

FOR THE RENTAL OF HOTEL BUILDING AND SHED AND PRIVILEGE OF SELLING REFRESHMENTS IN THE SAID HOTEL BUILDING NOW OCCUPIED BY ANDREW GACKS, AT THE NORTHERLY TERMINUS OF THE BRIDGE OVER EAST CHESTER BAY, IN PELHAM BAY PARK.

II. FOR THE RENTAL OF THE BUILDING KNOWN AS THE "MARSHALL HOUSE," TOGETHER WITH SHED, NOW OCCUPIED BY ROBERT F. SPITTLE, AND PRIVILEGE OF SELLING REFRESHMENTS IN SAID BUILDING, ON THE CITY ISLAND ROAD, NEAR THE WESTERLY APPROACH OF THE CITY ISLAND BRIDGE, IN PELHAM BAY PARK.

Each of the above places to be bid for separately.

Lease and privilege will be granted for a period of three (3) years, and possession will be given on April 1, 1914.

No bids will be considered unless accompanied by a certified check, or money to the amount of one-quarter of the sum bid for the rent and privilege per year.

The bids will be compared and the privilege will be awarded to the highest responsible bidder.

The Commissioner reserves the right to reject any or all bids.

Form of proposal and full information as to bidding can be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont park, New York City.

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx. d9,20

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

**THURSDAY, DECEMBER 18, 1913.**

**Borough of Manhattan.**

1. FURNISHING AND DELIVERING COAL IN PARKS AND ON PARKWAYS.

The time allowed for the completion of this contract will be as required before January 1, 1915.

No bond will be required with the bid, as heretofore, but will be required on awarding of the contract in an amount equal to thirty (30) per cent. of the contract. A certified check or cash in the sum of one and one-half (1 1/2) per cent. of the total amount of the estimate must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

MICHAEL J. KENNEDY, President; THOMAS J. HIGGINS, WALTER G. ELIOT, LOUIS F. LA ROCHE, Commissioners of Parks. d8,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

**THURSDAY, DECEMBER 18, 1913.**

**Borough of Queens.**

FOR ALL LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION AND COMPLETION OF THE HEATING WORK FOR A COMFORT STATION LOCATED IN KINGS PARK, JAMAICA, BOROUGH OF QUEENS, TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

Time allowed for the completion of the contract will be one hundred (100) consecutive working days.

A bond of Two Hundred Dollars (\$200) will be required on awarding of the contract, and a certified check or cash in the sum of Fifty Dollars (\$50) must accompany the bid.

Blank forms may be obtained at the office of the Department of Parks, Borough of Queens, Forest Park, Richmond Hill, Long Island.

MICHAEL J. KENNEDY, President; THOMAS J. HIGGINS, WALTER G. ELIOT, LOUIS F. LA ROCHE, Commissioners of Parks. d6,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

**THURSDAY, DECEMBER 18, 1913.**

**Borough of Queens.**

FOR ALL LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION AND COMPLETION OF THE PLUMBING WORK FOR A COMFORT STATION LOCATED IN KINGS PARK, JAMAICA, BOROUGH OF QUEENS, TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

Time allowed for the completion of the contract will be one hundred (100) consecutive working days.

A bond of One Thousand Dollars (\$1,000) will be required on awarding of the contract and a certified check or cash in the sum of Fifty Dollars (\$50) must accompany the bid.

Blank forms may be obtained at the office of the Department of Parks, Borough of Queens, Forest Park, Richmond Hill, L. I.

MICHAEL J. KENNEDY, President; THOMAS J. HIGGINS, WALTER G. ELIOT, LOUIS F. LA ROCHE, Commissioners of Parks. d6,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

**THURSDAY, DECEMBER 18, 1913.**

DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above offices of the Department of Parks until 3 o'clock p. m., on

THURSDAY, DECEMBER 18, 1913.  
Borough of Brooklyn.

1. FOR REPAIRS TO TIMBER BRIDGE IN DYKER BEACH PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be fifteen (15) consecutive working days.

The amount of security required is Seven Hundred Dollars (\$700).  
A certified check or cash in the sum of thirty-five dollars (\$35) must accompany bid.

2. ALL LABOR AND MATERIALS REQUIRED FOR THE MANUFACTURING, FURNISHING, DELIVERY, ERECTION AND COMPLETION OF STEEL MAP CASE FOR ENGINEER'S OFFICE, DEPARTMENT OF PARKS, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be sixty (60) consecutive working days.

The amount of security required is Two Hundred and Fifty Dollars (\$250).

A certified check or cash in the sum of twelve dollars and fifty cents (\$12.50) must accompany bid.

Blank forms and further information may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, West and 5th sts., Prospect Park, Brooklyn.

Bids will be compared and the contract awarded at a lump or aggregate sum.  
MICHAEL J. KENNEDY, President; LOUIS E. LA ROCHE, THOMAS J. HIGGINS, WALTER G. ELIOT, Commissioners of Parks.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, DECEMBER 18, 1913.

Borough of Manhattan.

FOR CONSTRUCTING A CONCRETE BULKHEAD ALONG THE EASTERLY BOUNDARY OF THE PUBLIC DRIVEWAY, WHERE REQUIRED, BETWEEN 174TH ST. AND 183D ST.

The time allowed for the completion of the whole work will be one hundred and fifty (150) consecutive working days.

The amount of the security required is Fifty Thousand Dollars (\$50,000).

A certified check or cash in the sum of twenty-five hundred dollars (\$2,500) must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and plans may be seen at the office of the Department of Parks, Borough of Manhattan, Arsenal, Central Park, 64th st. and 5th ave., New York City.

MICHAEL J. KENNEDY, President; THOMAS J. HIGGINS, WALTER G. ELIOT, LOUIS F. LA ROCHE, Commissioners of Parks.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, THE ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, DECEMBER 18, 1913.

Borough of Manhattan.

FOR REPAIRS AND KEEPING IN REPAIR DURING THE SEASON OF 1914 THE MOTOR, HORSE AND HAND LAWN MOWERS.

The time allowed for completion of work is before November 1, 1914.

The amount of bond is One Thousand Dollars (\$1,000).

Certified check or cash in the sum of \$50 must accompany bid.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

MICHAEL J. KENNEDY, President; THOMAS J. HIGGINS, WALTER G. ELIOT, LOUIS F. LA ROCHE, Commissioners of Parks.

See General Instructions to Bidders on the last page, last column, of the "City Record."

## DEPARTMENT OF STREET CLEANING.

### Proposals.

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, TWELFTH FLOOR SOUTH, NEW MUNICIPAL BUILDING, CHAMBERS ST. AND PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon, on

MONDAY, DECEMBER 29, 1913.

Borough of Manhattan.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE BUILDING, CONSTRUCTION AND ERECTION OF A BRIDGE AND DUMPING BOARD AT THE FOOT OF 72D ST., EAST RIVER, BOROUGH OF MANHATTAN, NEW YORK CITY.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is Three Thousand Dollars (\$3,000).

Bidders will state one aggregate price and the contract will be entire and for a complete job.

The deposit to be made with the bid shall be not less than three (3) per cent, and no more than five (5) per cent, of the amount of the bond.

Bidders must write out the total amount of their bids or estimates, in addition to inserting the same in figures.

The contract, if awarded, will be awarded to the lowest bidder.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, New Municipal Building, and the plans and drawings at the office of the architect, Aymer Embury II, 132 Madison ave., Borough of Manhattan, New York City.

WILLIAM H. EDWARDS, Commissioner.

See General Instructions to Bidders on the last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, TWELFTH FLOOR SOUTH, NEW MUNICIPAL BUILDING, CHAMBERS ST. AND PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon, on

MONDAY, DECEMBER 29, 1913.

Borough of Manhattan.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE CONSTRUCTION OF A RUNWAY AND DUMPING BOARD AT THE FOOT OF W. 134TH ST., NORTH RIVER, BOROUGH OF MANHATTAN, NEW YORK CITY.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is Fifteen Hundred Dollars (\$1,500).

Bidders will state one aggregate price, as the contract will be entire and for a complete job. The deposit to be made with the bid shall be not less than three nor more than five per cent, of the amount of the bond.

Bidders must write out the total amount of their bid or estimate, in addition to inserting the same in figures.

The contract, if awarded, will be awarded to the lowest bidder.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, twelfth floor south, New Municipal Building, Borough of Manhattan, and the plans and drawings at the office of the architect, Aymer Embury II, 132 Madison ave., Borough of Manhattan, New York City.

WILLIAM H. EDWARDS, Commissioner.

Dated December 15, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, TWELFTH FLOOR SOUTH, NEW MUNICIPAL BUILDING, CHAMBERS ST. AND PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon, on

FRIDAY, DECEMBER 26, 1913.

Borough of Manhattan.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE CONSTRUCTION OF AN ADDITIONAL DUMPING BOARD AT 134TH ST., NORTH RIVER, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is Fifteen Hundred Dollars (\$1,500).

The Board of Estimate and Apportionment, by a resolution dated June 3, 1910, and approved of and concurred in by the Board of Aldermen June 28, 1910, received from the Mayor July 17, 1910, without his approval or disapproval thereof, authorized the Comptroller to issue corporate stock of The City of New York to the amount of \$3,000 for the above mentioned work. Of this amount the sum of \$2,768.40 only is available. Bids in excess of the latter amount, minus the architect's fee, amounting to two and one-half (2½) per cent, will not be considered.

Bidders will state one aggregate price, as the contract will be entire and for a complete job. The deposit to be made with the bid shall be not less than three nor more than five per cent, of the amount of the bond.

Bidders must write out the total amount of their bid or estimate, in addition to inserting the same in figures.

The contract, if awarded, will be awarded to the lowest bidder.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, Borough of Manhattan, New Municipal Building, and the plans and drawings at the office of the architect, Aymer Embury II, 132 Madison ave., Borough of Manhattan, New York City.

WILLIAM H. EDWARDS, Commissioner.

Dated December 12, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, TWELFTH FLOOR SOUTH, NEW MUNICIPAL BUILDING, CHAMBERS ST. AND PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon, on

FRIDAY, DECEMBER 26, 1913.

Borough of Manhattan.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE CONSTRUCTION OF A RUNWAY ON THE DUMPING BOARD ON THE PIER AT THE FOOT OF W. 30TH ST. AND NORTH RIVER, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is Five Hundred Dollars (\$500).

The Board of Aldermen, by a resolution dated February 25, 1913 (received from the Mayor March 11, 1913, without his approval or disapproval thereof) and approved of and concurred in by the Board of Estimate and Apportionment April 17, 1913, authorized the Comptroller to issue special revenue bonds to the amount of \$2,000 for the above mentioned work. Bids in excess of the above amount, minus architect fees, will not be considered.

Bidders will state one aggregate price, as the contract will be entire and for a complete job. The deposit to be made with the bid shall be not less than three nor more than five per cent, of the amount of the bid.

Bidders must write out the total amount of their bid or estimate, in addition to inserting the same in figures.

The contract, if awarded, will be awarded to the lowest bidder.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, New Municipal Building, and the plans and drawings at the office of the architect, Aymer Embury II, 132 Madison ave., Borough of Manhattan, New York City.

WILLIAM H. EDWARDS, Commissioner.

Dated December 12, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, 12TH FLOOR, SOUTH, NEW MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon, on

MONDAY, DECEMBER 22, 1913.

Borough of Manhattan.

FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles and the full performance of the contract is by or before March 31, 1914.

The amount of security required is thirty (30) per cent, of the amount of the bid or estimate.

Borough of The Bronx.

FOR FURNISHING AND DELIVERING FORAGE.

The time allowed for the delivery of the articles and the performance of the contract is by or before March 31, 1914.

The amount of security required is thirty (30) per cent, of the amount of the bid or estimate.

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FORAGE.

The time allowed for the delivery of the articles and the performance of the contract is by or before March 31, 1914.

The amount of security required is thirty (30) per cent, of the amount of the bid or estimate.

The 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 pound, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each Borough, and awards made to the lowest bidder on each Borough.

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, Borough of Manhattan, in the new Municipal Building, Chambers st. and Park row.

WILLIAM H. EDWARDS, Commissioner.

Dated December 9, 1913.

See General Instructions to Bidders on the last page, last column, of the "City Record."

## BOARD OF ESTIMATE AND APPORTIONMENT.

### Notices of Public Hearings.

#### PUBLIC IMPROVEMENT MATTERS.

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 11, 1913, the Board continued until December 18, 1913, the hearing on the proposed extension of the area of assessment in the matter of acquiring title to the lands and premises required for the widening of Canal street, between the Bowery and Chrystie street, Borough of Manhattan.

The hearing will be held in Room 16, City Hall, Borough of Manhattan, City of New York, on Thursday, December 18, 1913, at 10:30 o'clock a. m.

The following is the proposed extended area of assessment in the proceeding:

Beginning at a point on the prolongation of a line midway between Hester street and Canal street, as these streets are laid out between Mulberry street and Mott street, distant 94 feet northwesterly from the northwesterly line of Elizabeth street, the said distance being measured at right angles to Elizabeth street, and running thence northwesterly and always distant 94 feet northwesterly from and parallel with the northwesterly line of Elizabeth street to a point distant 202 feet northwesterly from the northwesterly line of Hester street, the said distance being measured at right angles to Hester street, thence southeasterly and always distant 202 feet northwesterly from and parallel with the northwesterly line of Hester street to a point distant 100 feet northwesterly from the northwesterly line of the Bowery, the said distance being measured at right angles to the Bowery, thence northwesterly and always distant 100 feet northwesterly from and parallel with the northwesterly line of the Bowery to the intersection with a line at right angles to the Bowery, and passing through a point on its northwesterly side midway between Kenmare street and Broome street; thence southeasterly along the said line at right angles to the Bowery to a point distant 101 feet southeasterly from its southeasterly side; thence southwesterly and always distant 101 feet southeasterly from and parallel with the southeasterly line of the Bowery to a point distant 201 feet southwesterly from the southwesterly line of Grand street, the said distance being measured at right angles to Grand street; thence southwesterly and always distant 201 feet southwesterly from and parallel with the southwesterly line of Grand street to a point distant 100 feet southeasterly from the southeasterly line of Chrystie street, the said distance being measured at right angles to Chrystie street; thence southwesterly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Chrystie street to a point midway between Hester street and Canal street; thence southeasterly and always midway between Hester street and Canal street to a point midway between Eldridge street and Allen street; thence southwesterly and always midway between Eldridge street and Allen street, and the prolongations thereof, to a point midway between Division street and East Broadway; thence westwardly and always midway between Division street and East Broadway to the intersection with a line midway between Bayard street and Forsyth street, as these streets are laid out between Division street and East Broadway; thence northwesterly along the said line midway between Bayard street and Forsyth street, and along the prolongation of the said line to a point distant 200 feet southwesterly from the southwesterly line of Canal street, the said distance being measured at right angles to Canal street; thence northwesterly and always distant 200 feet southwesterly from and parallel with the southwesterly line of Canal street to a point distant 100 feet southeasterly from the southeasterly line of the Bowery, the said distance being measured at right angles to the Bowery; thence southwesterly and always distant 100 feet southeasterly from and parallel with the southeasterly line of the Bowery to a point distant 100 feet southwesterly from the southwesterly line of Bayard street, the said distance being measured at right angles to Bayard street; thence northwesterly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Bayard street to a point distant 94 feet northwesterly from and parallel with the northwesterly line of Elizabeth street, as this street is laid out where it meets Bayard street, the said distance being measured at right angles to Elizabeth street; thence northwesterly and always distant 94 feet northwesterly from and parallel with the northwesterly line of Elizabeth street, and the prolongation thereof, to a point distant 200 feet southwesterly from the southwesterly line of Canal street, the said distance being measured at right angles to Canal street; thence northwesterly and always distant 200 feet southwesterly from and parallel with the southwesterly line of Canal street to a point distant 100 feet northwesterly from the northwesterly line of Mulberry street, the said distance being measured at right angles to Mulberry street; thence northwesterly and always distant 100 feet northwesterly from and parallel

with the northwesterly line of Mulberry street to the intersection with the prolongation of a line midway between Hester street and Canal street, as these streets are laid out between Mulberry street and Mott street; thence southeasterly along the said line midway between Hester street and Canal street, and along the prolongation of the said line to the point or place of beginning.

Dated December 12, 1913.  
JOSEPH HAAG, Secretary, 277 Broadway, Telephone, 2280 Worth.

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the following resolutions were adopted:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Estimate and Apportionment a certified copy of a resolution adopted by the Local Board of Van Cortlandt District on the 4th day of February, 1913, and approved by the President of the Borough of The Bronx on the 7th day of February, 1913, initiating proceedings for constructing sewers and appurtenances in Spuyten Duyvil road, between West 230th street and West 240th street, and in West 240th street, between Spuyten Duyvil road and the easterly side of Broadway at Van Cortlandt Park, together with all work incidental thereto, which resolution is accompanied with an approximate estimate of the cost of the work, to wit, the sum of \$108,796, and of the assessed value of the property to be benefited thereby, to wit, the sum of \$946,680; and

Whereas, The Board of Estimate and Apportionment adopted a resolution on November 6, 1913, authorizing the President of the Borough of The Bronx to do the preliminary work required in connection with this improvement; and

Whereas, The Board of Estimate and Apportionment is empowered at the time of the authorization of a local improvement to determine in what manner the cost thereof shall be paid; and

Whereas, The Board in considering the advisability of granting final authorization for the proposed improvement, and of placing one-third of the entire cost thereof upon certain property within the drainage area and the remaining two-thirds of such cost upon The City of New York, with the understanding that no part of Van Cortlandt Park, or other property owned by the City and lying within the area of assessment is to be assessed for said proposed improvement, but that the total proportion of one-third of such cost shall be assessed upon property in private ownership within the limits of the drainage district;

Resolved, That this Board consider the proposed action at a meeting of the Board to be held in the Borough of Manhattan, City of New York, in the City Hall, on the 24th day of December, 1913, at 10:30 o'clock a. m., and that at the same time and place a public hearing thereon will then and there be had, at which all persons interested will be given an opportunity to be heard.

Resolved, That the Secretary of the Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record for ten days prior to the 24th day of December, 1913.

Dated December 11, 1913.  
JOSEPH HAAG, Secretary, 277 Broadway, Telephone, 2280 Worth.

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Riverdale avenue, from its junction with Spuyten Duyvil road, at a point near West 231st street, to the northerly boundary line of The City of New York, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, as amended, hereby gives notice that it proposes to place 75 per cent, of the entire cost and expense of the proceeding on the following area:

Beginning at a point on the northerly boundary line of The City of New York where it is intersected by the prolongation of a line midway between Liebig avenue and Tyndall avenue, as these streets are laid out between West 260th street and West 261st street, and running thence southwardly along the said line midway between Liebig avenue and Tyndall avenue, and along the prolongations of the said line to the intersection with the northerly line of West 259th street; thence southeasterly in a straight line to a point on the southeasterly line of West 259th street where it is intersected by the prolongation of a line distant 90 feet easterly from and parallel with the easterly line of Liebig avenue, as this street is laid out where it adjoins West 259th street on the south, the said distance being measured at right angles to Liebig avenue; thence southwardly along the said line parallel with Liebig avenue and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Iselin avenue, the said distance being measured at right angles to Iselin avenue; thence southwardly and always distant 100 feet westerly from and parallel with the westerly line of Iselin avenue to the intersection with the northerly line of West 253d street; thence southwardly in a straight line to a point on the northerly line of Highland avenue where it is intersected by a line distant 100 feet easterly from and parallel with the easterly line of Iselin avenue, as this street is laid out where it adjoins Highland avenue, the said distance being measured at right angles to Iselin avenue; thence southwardly along the said line parallel with Iselin avenue to the intersection with the northerly line of West 250th street; thence southwardly in a straight line to a point on the prolongation of a line distant 100 feet westerly from and parallel with the first tangent in the westerly line of Fieldston road, north of Spuyten Duyvil parkway, the said distance being measured at right angles to Fieldston road, and the said point being located a distance of 900 feet northerly from the intersection of the said line with the northerly line of Spuyten Duyvil parkway; thence southwardly along the said line parallel with Fieldston road and along the prolongation of the said line to the intersection with a line distant 400 feet northerly from and parallel with the northerly line of West 238th street, as this street is laid out between Fieldston road and Greystone avenue, the said distance being measured at right angles to West 238th street; thence eastwardly along the said line parallel with West 238th street to the intersection with a line midway between Fieldston road and Greystone avenue; thence southwardly along the said line midway between Fieldston road and Greystone avenue to a point distant 100 feet northerly from the northerly line of West 238th street; thence eastwardly and parallel with West 238th street to the intersection with a line dis-

lant 100 feet easterly from and parallel with the easterly line of Greystone avenue, as this street is laid out where it adjoins West 238th street, the said distance being measured at right angles to Greystone avenue; thence southwardly along the said line parallel with Greystone avenue and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of West 236th street, the said distance being measured at right angles to West 236th street; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of West 236th street to the intersection with a line midway between Spuyten Duyvil road and Tibbett avenue; thence southwardly along the said line midway between Spuyten Duyvil road and Tibbett avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of West 234th street and West 236th street, as these streets are laid out between Tibbett avenue and Corlear avenue; thence southwardly along the said line bisecting line to the intersection with a line midway between Tibbett avenue and Corlear avenue; thence southwardly and always distant 100 feet westerly from and parallel with the westerly line of Johnson avenue to a point distant 260 feet northerly from the northerly line of West 236th street, the said distance being measured along the said line parallel with Johnson avenue; thence northwardly in a straight line to a point on the northwesterly line of Spuyten Duyvil parkway where it is intersected by the prolongation of a line midway between Blackstone avenue and Arlington avenue, as these streets are laid out where they adjoin West 239th street on the south; thence northwardly along the said line midway between Blackstone avenue and Arlington avenue and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Arlington avenue, the said distance being measured at right angles to Arlington avenue; thence generally northwardly and always distant 100 feet westerly from and parallel with the westerly line of Arlington avenue, and with its northerly prolongation as laid out in the first tangent north of West 256th street, to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Arlington avenue, as this street is laid out where it meets Independence avenue, the said distance being measured at right angles to Arlington avenue; thence westwardly along the said line parallel with Arlington avenue and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Independence avenue, the said distance being measured at right angles to Independence avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Independence avenue to the intersection with the southerly line of West 261st street; thence northwardly and parallel with Riverdale avenue to the intersection with the northerly boundary line of The City of New York; thence eastwardly along the said boundary line to the point or place of beginning.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, as amended, hereby gives notice that it proposes to place two-thirds of the remainder of the entire cost and expense of the proceeding, less any portion of the building damage which may be placed upon The City of New York, upon the Borough of The Bronx, and one-third of such remainder of the entire cost and expense, less any portion of the building damage which may be placed upon The City of New York, upon the Borough of Manhattan; the amounts so placed upon the Boroughs of Manhattan and The Bronx to be levied and collected with the taxes upon the real property in said Boroughs, becoming due and payable in the year in which such cost and expense shall have been fixed and determined, provided that such cost and expense be ascertained in time to be included with the taxes on the real property of said Boroughs in the same year; and if not determined in time the same shall be levied and collected with the taxes of the succeeding year.

Resolved, That this Board consider the proposed area of assessment and apportionment of cost and expense at a meeting of the Board to be held in The City Hall, Borough of Manhattan, in the City Hall, on the 24th day of December, 1913, at 10.30 o'clock a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record for ten days prior to the 24th day of December, 1913.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system within the territory bounded by Avenue L, East 16th street, Avenue N and Coney Island avenue, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 24, 1913, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on December 4, 1913, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines and grades of the street system within the territory bounded by Avenue L, East 16th street, Avenue N and Coney Island avenue, Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated December 3, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 24th day of December, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board to be held at the aforesaid time and place to be published in the City Record and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 24th day of December, 1913.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the Board continued until December 24, 1913, the hearing on the proposed area of assessment in the matter of acquiring title to the lands required for the widening of Fulton avenue, from Mills street to Welling street, and of Main street, from Grand avenue to Van Alst avenue, Borough of Queens.

The hearing will be held in Room 16, City Hall, Borough of Manhattan, City of New York, on Thursday, December 24, 1913, at 10.30 o'clock a. m.

The following is the proposed area of assessment in the proceeding:

Beginning at a point on the easterly bulkhead line of the East River distant 100 feet southwesterly from the prolongation of the southwesterly line of Hoyt avenue as this street is laid out west of Remsen street, and running thence southwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Hoyt avenue and its prolongation to a point distant 100 feet northerly from the northerly line of Flushing avenue, the said distance being measured at right angles to Flushing avenue; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Flushing avenue to the intersection with the northwesterly line of 4th avenue; thence southwardly at right angles to Flushing avenue to a point distant 100 feet southerly from its southerly side; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Flushing avenue to a point distant 100 feet southeasterly from the southeasterly line of 2d avenue, the said distance being measured at right angles to 2d avenue; thence southwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of 2d avenue to a point distant 100 feet southwesterly from the southwesterly line of Grand avenue, the said distance being measured at right angles to Grand avenue; thence northwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Grand avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northwesterly line of Ely avenue and the southeasterly line of Van Alst avenue as these streets are laid out between Temple street and the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Temple street and Elm street as these streets are laid out between Van Alst avenue and Hopkins avenue; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northwesterly line of Van Alst avenue and the southeasterly line of Hopkins avenue, as these streets are laid out adjoining Elm street; thence southwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southwesterly line of Van Alst avenue and the southeasterly line of Hopkins avenue as these streets are laid out between Van Alst avenue and Hopkins avenue; thence northwardly along the said bisecting line to the intersection with the easterly bulkhead line of the East River; thence generally northwardly along the said bulkhead line to the point or place of beginning.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the Board continued until December 24, 1913, the hearing on the proposed area of assessment in the matter of acquiring title to Chaffee street, from Shaler street to Cornelia street; to McPherson street, from Shaler street to Cornelia street; and to Sedgwick street, from Kossuth place to Cornelia street, Borough of Queens.

The hearing will be held in Room 16, City Hall, Borough of Manhattan, City of New York, on Thursday, December 24, 1913, at 10.30 o'clock a. m.

The following is the proposed area of assessment in the proceeding:

Beginning at a point on the northwesterly right of way line of the Manhattan Beach Division of the Long Island Railroad where it is intersected by the prolongation of a line midway between Fremont street and McPherson street and running thence southwardly along the said right of way line to a point distant 100 feet southwesterly from the southwesterly line of Kossuth place, the said distance being measured at right angles to Kossuth place; thence northwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Kossuth place to the intersection with the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Sedgwick street, the said distance being measured at right angles to Sedgwick street; thence northwardly along the said line parallel with Sedgwick street and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Fresh Pond road and the westerly line of Sedgwick street as these streets are laid out between Catalpa avenue and Hughes street; thence northwardly along the said bisecting line to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Cornelia street, the said distance being measured at right angles to Cornelia street; thence eastwardly along the said line parallel with Cornelia street to the intersection with the prolongation of a line midway between Fremont street and McPherson street; thence southwardly along the said line midway between Fremont street and McPherson street and along the prolongations of the said line to the point or place of beginning.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grades of the street system within the territory bounded by Bedford avenue, Kimball avenue, Freedom avenue, Roanoke avenue, Rockaway boulevard, Peconic avenue, Sutter avenue, Ocean avenue and Dalrymple avenue, in the 4th Ward, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 24, 1913, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on December 4, 1913, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grades of the street system within the territory bounded by Bedford avenue, Kimball avenue, Freedom avenue, Roanoke avenue, Rockaway boulevard, Peconic avenue, Sutter avenue, Ocean avenue and Dalrymple avenue, in the 4th Ward, Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated December 3, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 24th day of December, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board to be held at the aforesaid time and place to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 24th day of December, 1913.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines of Fulton avenue, between Mills street and Boulevard; of Stevens street, between Fulton avenue and Main street; of Grand avenue, between Stevens street and Main street; and lay out a public park within the area bounded by Stevens street, Fulton avenue, Main street and Grand avenue, in the 1st Ward, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 24, 1913, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on December 4, 1913, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines of Fulton avenue, between Mills street and Boulevard; of Stevens street, between Fulton avenue and Main street; of Grand avenue, between Stevens street and Main street; and lay out a public park within the area bounded by Stevens street, Fulton avenue, Main street and Grand avenue, in the 1st Ward, Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated February 7, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 24th day of December, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board to be held at the aforesaid time and place to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 24th day of December, 1913.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of laying out new streets and making changes in the lines and grades of existing streets within the territory bounded approximately by the City line, the Main Line of the Long Island Railroad, Springfield road, Langdon street, Inglewood road, Hillside avenue, Queens road, North Hempstead turnpike, Cemetery lane, Broadway, Whitestone road, Crocheron avenue, Bell avenue, Bradish avenue and Little Neck Bay, Borough of Queens, as shown upon a tentative map bearing the signature of the President of the Borough, and dated October 20, 1913; be it

Resolved, That this Board will give an informal hearing in the matter at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 24th day of December, 1913, at 10.30 o'clock in the forenoon.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of West 239th street, from Broadway to Review place, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, as amended, hereby gives notice that the following is the proposed area of assessment for benefit in these proceedings:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of West 239th street, the said distance being measured at right angles to West 239th street; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Review place, the said distance being measured at right angles to Review place; on the south by a line distant 100 feet southerly from and parallel with the southerly line of West 239th street, the said distance being measured at right angles to West 239th street; and on the west by the easterly line of Broadway.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 24th day of December, 1913, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record for ten days prior to the 24th day of December, 1913.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on December 4, 1913, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York on June 15, 1911, instituted a proceeding for acquiring title to Cotton street, from Arrietta street to Griffin street, in the Borough of Richmond; and

Whereas, The Board of Estimate and Apportionment is considering the advisability of amending the district of assessment previously fixed in the aforesaid proceeding so as to include an additional area south of Arrietta street and west of the Staten Island Rapid Transit Railroad; the amended district of assessment to comprise the following area:

Beginning at a point on the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Cotton street as this street is laid out immediately easterly from and adjoining Griffin street, the said distance being measured at right angles to Cotton street, distant 100 feet westerly from the westerly line of Griffin street, the said distance being measured at right angles to Griffin street, and running thence eastwardly along the said line parallel with Cotton street, and along the prolongation of the said line, to the intersection with a line midway between Griffin street and Cotton street as these streets are laid out immediately southerly from and adjoining Arrietta street; thence northwardly along the said line midway between Griffin street and Cotton street, and along the prolongation of the said line, to the intersection with the centre line of Arrietta street; thence eastwardly along the centre line of Arrietta street to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Stuyvesant place as this street is laid out where it meets Arrietta street on the north, the said distance being measured at right angles to Stuyvesant place; thence northwardly and always distant 100 feet easterly from and parallel with the easterly line of Stuyvesant place and the prolongation thereof, to the intersection with the southerly property line of the United States Government Light House Reservation; thence eastwardly along the said property line and along the prolongation thereof to the intersection with the United States bulkhead line of New York Bay; thence southwardly along the said bulkhead line to the intersection with the prolongation of a line distant 1,000 feet southerly from and parallel with the southerly line of Arrietta street as this street is laid out where it adjoins Cotton street, the said distance being measured at right angles to Arrietta street; thence westwardly along the said line parallel with Arrietta street and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Bay street, the said distance being measured at right angles to Bay street; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Bay street to the intersection with the southerly line of Hannah street; thence northwardly in a straight line to a point on the northerly side of Hannah street where it is intersected by a line parallel with Griffin street and passing through the point of beginning; thence northwardly along the said line parallel with Griffin street to the point or place of beginning.

Resolved, That this Board consider the proposed amended area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 24th day of December, 1913, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the City Record for ten days prior to the 24th day of December, 1913.

Dated December 11, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. d11,22

#### Notice of Public Hearing.

FRANCIS MATTHEW.

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 Manhattan Bridge Three Cent Line has, under date of September 25, 1913, made application to this Board for a modification of the terms and conditions of a certain contract dated July 10, 1912, granting said company a franchise for the construction, maintenance and operation of a street surface railway upon and along Desbrosses, Vestry, Greenwich, and Canal streets in the Borough of Manhattan, to and across the Manhattan Bridge, and upon and along Flatbush Avenue Extension and other streets in the Borough of Brooklyn, from the Desbrosses Street Ferry, Borough of Manhattan, to the Long Island Railroad Depot, Borough of Brooklyn; 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, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on October 2, 1913, fixing the date for public hearing thereon as October 30, 1913, at which citizens were entitled to appear and be heard, and publication was had for at least fourteen (14) days in the "Globe" and "Brooklyn Standard Union," newspapers designated by the Mayor, and in the City Record for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the proposed modifications and amendments of said contract of July 10, 1912; now, therefore, it is

Resolved, That the following form of resolution for the consent or right applied for by the Manhattan Bridge Three Cent Line, containing the form of proposed contract for the grant of such 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 consents to certain modifications in the terms and conditions of the said contract of July 10, 1912, such modified terms and conditions being fully set forth and described in the following form of proposed contract for the grant thereof, embodying such terms and conditions as modify or alter said contract of July 10, 1912, which said contract otherwise remains unchanged as to all the other terms and conditions expressed therein, 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 1913, 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 Manhattan Bridge Three Cent Line (hereinafter called the Company), party of the second part; witnesseth:

TWENTY-FOURTH WARD, SECTION 11.  
TIEBOUT AVENUE — REGULATING,

**GRADING AND CONSTRUCTING STEPS,** on the easterly side, between Ford st. and 183d st. Area of assessment affects Blocks Nos. 3030, 3031, 3143, 3144, 3145, 3146, 3149, 3150, 3151, 3157, 3158 and 3159.

—that the same were confirmed by the Board of Assessors December 2, 1913, and entered December 2, 1913, 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, 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 January 31, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 2, 1913. d8,18

#### 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 Taxes and Assessments and of Water Rents, for OPENING AND ACQUIRING TITLE to the following named avenues in the BOROUGH OF THE BRONX:

**TWENTY-FOURTH WARD, SECTION 14.**  
**BEACH AVENUE—OPENING,** between Gleason ave. and Bronx River ave. Confirmed October 21, 1913; entered December 5, 1913. 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.:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Gleason ave., the said distance being measured at right angles to Gleason ave.; on the east by a line midway between Beach ave. and Taylor ave., and by the prolongation of the said line; on the south by a line always distant 100 feet southerly from and parallel with the southerly line of Bronx River ave., the said distance being measured at right angles to Bronx River ave., and on the west by a line midway between Beach ave. and St. Lawrence ave., and by the prolongation of the said line.

**TWENTY-FOURTH WARD, ANNEXED TERRITORY.**

**OPENING AND EXTENDING OF ST. LAWRENCE AVENUE, COMMONWEALTH AVENUE, ROSDALE AVENUE, NOBLE AVENUE, CROES AVENUE AND PTELEY AVENUE.** Confirmed October 30, 1913; entered December 5, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, and being all that part of Old Classon's Point road within the block bounded by Westchester ave., Commonwealth ave., Gleason ave. and Rosdale ave.

The above entitled assessments were entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of 177th st. and 3d ave., 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 February 3, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

W. M. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 5, 1913. d8,18

#### NOTICE TO PROPERTY OWNERS.

**IN PURSUANCE OF SECTION 1018 OF THE** Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN:

**TWELFTH WARD, SECTION 2.**  
**CENTRE STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between Clinton and Henry sts. Area of assessment: Both sides of Centre st., between Clinton and Henry sts., and to the extent of half the block at the intersecting streets.

**MILL STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between Henry and Clinton sts. Area of assessment: Both sides of Mill st., from Henry to Clinton st., and to the extent of half the block at the intersecting streets.

**TWENTY-FOURTH WARD, SECTION 5.**  
**LINCOLN PLACE—REGULATING, GRADING, CURBING AND FLAGGING,** between Troy and Schenectady aves. Area of assessment:

Both sides of Lincoln place, between Troy and Schenectady aves.

**TWENTY-SIXTH WARD, SECTION 12.**  
**POWELL STREET—REGULATING, CURBING, GRADING AND FLAGGING,** between Riverdale and Livonia aves. Area of assessment: Both sides of Powell st., between Riverdale and Livonia aves., and to the extent of half the block at the intersecting avenues.

**TWENTY-SIXTH WARD, SECTION 13.**  
**TEROME STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between Glenmore and Pitkin aves. Area of assessment: Both sides of Terome st., between Glenmore and Pitkin aves., and to the extent of half the block at the intersecting avenues.

**TWENTY-SEVENTH WARD, SECTION 11.**  
**SUYDAM STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between St. Nicholas and Cypress aves. Area of assessment: Both sides of Suydam st., from St. Nicholas to Cypress aves., and to the extent of half the block at the intersecting avenues.

**TWENTY-NINTH WARD, SECTION 15.**  
**LENOX ROAD—REGULATING, GRADING, CURBING AND FLAGGING,** between E. 34th st. and New York ave. Area of assessment: Both sides of Lenox road, from E. 34th st. to New York ave., and extending back 100 feet of each side of improvement.

**TWENTY-NINTH WARD, SECTION 16.**  
**BEVERLEY ROAD—REGULATING, GRADING, CURBING AND FLAGGING,** from E. 2d st. to Gravesend ave. Area of assessment: Both sides of Beverley road, from E. 2d st. to Gravesend ave., and to the extent of half the block at the intersecting streets.

**BEVERLEY ROAD—REGULATING, GRADING, CURBING AND FLAGGING,** from Nosstrand to Rogers aves. Area of assessment: Both sides of Beverley road, from Nosstrand to Rogers aves., and to the extent of half the block at the intersecting streets and avenues.

**AVENUE F—REGULATING, GRADING, CURBING AND FLAGGING,** between Gravesend ave. and West st. Area of assessment: Both sides of Avenue F, from Gravesend ave. to West st., and to the extent of 100 feet on each side of the improvement.

**WEST STREET—PAVING,** between 39th and 43d sts. Area of assessment: Both sides of West st., from 39th to 43d sts., and to the extent of half the block at the intersecting streets and avenues.

**EAST 2D STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between Port Hamilton ave. and Beverley road. Area of assessment: Both sides of E. 2d st., between Port Hamilton ave. and Beverley road, and to the extent of half the block at the intersecting streets and avenues.

**EAST 2D STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between Greenwood and Port Hamilton aves. Area of assessment: Both sides of E. 2d st., from Greenwood to Port Hamilton aves., and to the extent of half the block at the intersecting avenues.

**41ST STREET—PAVING,** between 16th ave. and West st. Area of assessment: Both sides of 41st st., from 16th ave. to West st., and to the extent of half the block at the intersecting street and avenue.

**CONSTRUCTING SEWER BASIN ON ALBEMARLE ROAD,** at the northeast corner of E. 3d st.; **CONSTRUCTING SEWER IN CHURCH AVENUE,** from Gravesend ave. to E. 3d st., and in **EAST 3D STREET,** from Church ave. to Beverley road; **CONSTRUCTING SEWER IN BEVERLEY ROAD,** from E. 2d st. to Church ave.; **CONSTRUCTING SEWER IN EAST 3D STREET,** from Caton ave. to Church ave.; **SEWER IN CATON AVENUE,** from E. 4th st. to E. 5th st.; **SEWER IN EAST 3D STREET,** from Caton ave. to Port Hamilton ave. and in **CATON AVENUE,** from E. 3d st. to E. 4th st. and **SEWER IN EAST 2D STREET,** from Albemarle road to Church ave. Area of assessment affects property in Blocks Nos. 5316, 5317, 5318, 5325, 5326, 5327, 5334, 5335, 5336 and 5353.

**TWENTY-NINTH WARD, SECTION 16, AND THIRTIETH WARD, SECTION 17.**

**42D STREET—PAVING,** between New Utrecht and 13th aves., and between 14th ave. and West st. Area of assessment: Both sides of 42d st., from New Utrecht ave. to 13th ave., and from 14th ave. to West st., and to the extent of half the block at the intersecting streets and avenues.

**THIRTIETH WARD, SECTION 17.**  
**SEWER IN 57TH STREET,** between 15th and 16th aves., and **OUTLET SEWER,** from 16th to 17th aves. Area of assessment affects property in Blocks Nos. 5491, 5492, 5496 and 5497, adjacent to said improvement.

**59TH STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between 21st ave. and Bay parkway. Area of assessment: Both sides of 59th st., from 21st ave. to Bay parkway, and to the extent of half the block at the intersecting avenues.

**68TH STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between 13th and 14th aves. Area of assessment: Both sides of 68th st., from 13th to 14th aves., and to the extent of half the block at the intersecting avenues.

**OVINGTON AVENUE—REGULATING, GRADING, CURBING AND FLAGGING,** between 14th and 15th aves. Area of assessment: Both sides of Ovington ave., from 14th to 15th aves., and to the extent of half the block at the intersecting avenues.

**THIRTIETH WARD, SECTION 18.**  
**77TH STREET—SEWER,** between 6th and 7th aves. Area of assessment: Both sides of the street, from 6th to 7th aves.

**78TH STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between Ridge boulevard and Narrows ave. Area of assessment: Both sides of 78th st., from Ridge boulevard to Narrows ave., and to the extent of half the block at the intersecting avenues.

**THIRTIETH WARD, SECTION 19.**  
**74TH STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between 13th and 14th aves. Area of assessment: Both sides of 74th st., from 13th to 14th aves., and to the extent of half the block at the intersecting avenues.

**75TH STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between 11th and 12th aves. Area of assessment: Both sides of 75th st., from 11th to 12th aves., and to the extent of half the block at the intersecting avenues.

**77TH STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between 11th and 12th aves. Area of assessment: Both sides of 77th st., from 11th to 12th aves., and to the extent of half the block at the intersecting avenues.

**82D STREET—REGULATING, GRADING, CURBING AND FLAGGING,** between 13th and 14th aves. Area of assessment: Both sides of 82d st., from 13th to 14th aves., and to the extent of half the block at the intersecting avenues.

**THIRTY-FIRST WARD, SECTION 21.**  
**WEST 16TH STREET—PAVING,** between Neptune and Canal aves. Area of assessment: Both sides of W. 16th st., from Neptune to Canal aves., and to the extent of half the block at the intersecting avenues.

**THIRTY-SECOND WARD, SECTION 23.**  
**EAST 49TH STREET—SEWER,** from Flatlands ave. to Avenue N, and in **AVENUE N,** from E. 49th st. to Utica ave. Area of assessment affects property in Blocks Nos. 7828, 7829, 7846, 7847, 7873, 7874 and 7894.

—that the same were confirmed by the Board of Assessors on December 2, 1913, and entered December 2, 1913, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides \* \* \* "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 31, 1914, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 2, 1913. d8,18

#### 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 Fordham road, from Harlem River terrace to Webster ave., 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 K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held October 22, 1913, 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

**SATURDAY, DECEMBER 20, 1913.**  
at 10 a. m., in lots and parcels and in manner and form and at upset prices as follows:

**Parcel No. 6—**Part of one-story frame building on the northeast corner of Cedar ave. and Fordham road; cut 15.4 feet on west side by 14.3 feet on easterly side. Upset price, \$50.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 10 a. m., on the 20th day of December, 1913, 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 December 20, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."**

W. M. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 5, 1913. d9,20

**CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.**

**AT THE REQUEST OF THE PRESIDENT** of the Borough of 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 purposes in the

**Borough of The Bronx.**  
Being the buildings, parts of buildings, etc., standing within the lines of E. 141st st. from Park ave. to Rider ave., 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 K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 28, 1913, the sale by sealed bids at the upset or minimum prices named in the

description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

**FRIDAY, DECEMBER 26, 1913.**  
at 11 a. m., in lots and parcels and in manner and form, and at upset prices, as follows:

**Parcel No. 5.**  
Two-story brick building on the west side of Rider ave. at E. 141st st. Also one-story frame building in rear running through to Canal place. Also part of one-story frame building on Canal place. Cut 0.6 feet on front by 1 foot on rear. Upset price, \$25.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 26th day of December, 1913, 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 December 26, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."**

W. M. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 1, 1913. d9,26

**CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.**

**AT THE REQUEST OF THE PRESIDENT** of the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

**Borough of Brooklyn.**  
Being the buildings, parts of buildings, etc., standing within the lines of East 17th street from Avenue M to Avenue N, in the Borough of Brooklyn, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 28, 1913, the sale by sealed bids, at the upset or minimum prices named in the description of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

**WEDNESDAY, DECEMBER 24, 1913.**  
at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

**Parcel No. 60.**  
Part of two-story and attic frame house at the northeast corner of East 17th street and Cedar avenue. Cut 1 foot on rear by 4 feet on west side. 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 K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 24th day of December, 1913, 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 December 24, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."**

W. M. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 1, 1913. d8,24

# CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of Queens public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the Borough of Queens.

Being the buildings, parts of buildings, etc., standing within the lines of Hopkins ave., from Broadway to Ridge st., in the Borough of Queens, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 28, 1913, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**TUESDAY, DECEMBER 23, 1913.**

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 216 and No. 221—Part of two-story frame building and shed at the southwest corner of Broadway and Hopkins ave. Cut building 21.39 feet on front by 20.83 feet on south side. Also barn, 33 feet by 15 feet on Ridge st. and three outhouses. Upset price, \$200.

Parcel No. 218—Part of porch of one-story and attic frame building at northwest corner of Broadway and Hopkins ave. Upset price, \$5.

Parcels Nos. 219-220—One-story and attic frame house, No. 116 Broadway. Upset price, \$200.

Parcel No. 222—Outhouse south of Parcel No. 221. Upset price, \$5.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 23d day of December, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be enclosed in properly sealed envelopes, marked "Proposals to be opened December 23, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE 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, December 1, 1913. d6,23

# CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE BOARD OF Education, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for school site purposes, in the

**Borough of Manhattan.**

Being the building known as the Janitor's Cottage on the site of Public School No. 52 at Broadway and Academy st., in the Borough of Manhattan, which is more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 28, 1913, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**MONDAY, DECEMBER 22, 1913.**

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 1.  
Two-story frame house known as the Janitor's Cottage adjoining Public School No. 52 on the south at Broadway near Academy st.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 22d day of December, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required

security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be enclosed in properly sealed envelopes, marked "Proposals to be opened December 22, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE 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, December 1, 1913. d5,22

# CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of 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 buildings, etc., standing upon property owned by The City of New York, acquired by it for street purposes in the

**Borough of Manhattan.**

Being the buildings, parts of buildings, etc., acquired for the extension of 7th ave., from Greenwich ave. to Carmine st., for the widening of Varick st., from Carmine st. to Franklin st., and for the extension of Varick st., from Franklin st. to West Broadway, 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 K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held September 24, 1913, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**FRIDAY, DECEMBER 19, 1913.**

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 6A—The buildings, parts of buildings, etc., within the lines of 7th ave., from Commerce st. to Morton st., as follows:

Part of two-story frame (brick front) building, 286 Bleeker st.; cut 12.98 feet on Commerce st. side to rear corner of extension. Also three-story frame building, No. 2 Commerce st. Three-story brick building and extension, No. 4 Commerce st. Three-story brick building, No. 6 Commerce st. Three-story brick building, No. 8 Commerce st. Part of five-story brick building, No. 12 Commerce st.; cut 16.32 feet on front by 68.82 feet from rear on west side. Part of three-story brick building, No. 14 Commerce st.; cut off rear of building from a point 9.89 feet from front of building on east side to a point 30.89 feet from front of building on west side.

Part of one-story frame extension of two-story brick building, No. 16 Commerce st. Also part of one-story brick building in rear of No. 16 and No. 18 Commerce st. Part of five-story brick building, No. 9 Morton st.; cut 14.90 feet on rear by 14.9 feet on west side. Part of five-story brick building, No. 11 Morton st.; cut 14.19 feet from rear on east side by 38.04 feet from rear on west side. Part of six-story brick building, No. 13 Morton st.; cut 23 feet from rear on east side by 46.74 feet on west side.

Part of five-story brick building, No. 15 Morton st.; cut 56.94 feet from rear on east side by 80.85 feet from rear on west side. Part of five-story brick building, No. 17 Morton st.; cut 90 feet from rear on east side by 17.83 feet on front. Five-story brick building, No. 19 Morton st. Part of six-story brick building, No. 21 Morton st.; cut 95.57 feet on east side by 71.81 feet on west side. Part of four-story cement stable, No. 23 and No. 25 Morton st.; cut 71.81 feet on east side by 19.85 feet on west side. Part of six-story brick building, No. 62 Bedford st.; cut 12.24 feet on east end by 12.65 feet on Morton st. side.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 19th day of December, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be enclosed in properly sealed envelopes, marked "Proposals to be opened December 19, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE 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, November 26, 1913. d5,19

# CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of 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 buildings, etc., standing upon property owned by The City of New York, acquired by it for street purposes in the

**Borough of Manhattan.**

Being the buildings, parts of buildings, etc., acquired for the extension of 7th ave., from Greenwich ave. to Carmine st., for the widening of Varick st., from Carmine st. to Franklin st., and for the extension of Varick st., from Franklin st. to West Broadway, 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 K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held September 24, 1913, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**FRIDAY, JANUARY 2, 1914.**

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 129, in the Borough Hall, New Brighton, Borough of Richmond.

Dated December 10, 1913. d11,j2

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain buildings, etc., standing upon property owned by The City of New York, acquired by it for street purposes in the

**Borough of Manhattan.**

Being the buildings, parts of buildings, etc., acquired for the extension of 7th ave., from Greenwich ave. to Carmine st., for the widening of Varick st., from Carmine st. to Franklin st., and for the extension of Varick st., from Franklin st. to West Broadway, 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 K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held September 24, 1913, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**THURSDAY, DECEMBER 18, 1913.**

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 7—The buildings, parts of buildings, etc., within the lines of 7th ave., from Morton st. to Leroy st., as follows:

Part of five-story brick building, No. 20 Morton st.; cut 0.61 feet on front by 0.58 feet on west side. Part of five-story brick building, No. 22 Morton st.; cut 0.58 feet on east side by 24.29 feet on west side. Part of five-story brick building, No. 24 Morton st.; cut 24.29 feet on east side by 49.89 feet on west side. Two-story brick building, No. 26 Morton st. Bedford St. M. E. Church building. Two-story and attic frame (brick front) building, No. 52 Bedford st. Two-story brick extension and part of shed. Part of two-story and attic frame (brick front) building, No. 50 Bedford st.; cut about 4 feet on rear by about 12 feet on south side. Part of five-story brick building, No. 48 Bedford st.; cut 7.24 feet on north side by 6.85 feet on front. Part of two-story and attic frame (brick front) building, No. 57 Bedford st.; cut 15.18 feet on front by 16 feet on south side. Part of two-story and attic brick building, No. 53 Bedford st.; cut 16 feet on north side by 5.09 feet on rear. Part of five-story brick building, No. 53 Bedford st.; cut 38.49 feet on north side by 64.97 feet on south side. Part of five-story brick building, No. 51 Bedford st.; cut 64.97 feet on north side by 2.41 feet on rear. Five-story brick building, No. 49 Bedford st. Five-story brick building, No. 47 Bedford st. Five-story brick building, No. 43 Leroy st. Two-story brick building, No. 45 Leroy st. Part of five-story brick building, No. 47 Leroy st.; cut 41.88 feet on east side by 18.26 feet on west side. Part of five-story brick building, No. 49 Leroy st.; cut 18.26 feet on east side by 19.41 feet on front.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 18th day of December, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be enclosed in properly sealed envelopes, marked "Proposals to be opened December 18, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

**THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE 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, November 25, 1913. d2,18

# SALES OF TAX LIENS.

## NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of the sale of December 16, 1912, January 6, January 27, February 17, March 10, March 31, April 21, May 12, June 9, June 23, July 7, July 21, August 18, August 25, September 22, October 20, November 17 and December 15, 1913, has been continued to

**MONDAY, JANUARY 12, 1914.**

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time on the fourth floor of the Bergen Building, corner of Arthur and Tremont aves., Borough of The Bronx, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.  
Dated December 15, 1913. d17,j12

## NOTICE OF CONTINUATION OF RICHMOND TAX LIEN SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Richmond, as to liens remaining unsold at the termination of the sale of November 13, December 4, 1912; January 8, January 29, February 19, March 12, April 2, April 23, May 14, June 11, July 16, August 6, September 10, October 1, October 22, November 12 and December 10, 1913, has been continued to

**FRIDAY, JANUARY 2, 1914.**

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 129, in the Borough Hall, New Brighton, Borough of Richmond.

Dated December 10, 1913. d11,j2

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

## NOTICE OF CONTINUATION OF BROOKLYN TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Brooklyn, as to liens remaining unsold at the termination of the sale of October 15, November 5, and December 3, 1913, has been continued to

**WEDNESDAY, JANUARY 7, 1914.**

at 2.30 p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 2, in basement of the Borough Hall, Brooklyn, N. Y.

Dated December 3, 1913. d4,j7

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

## NOTICE OF CONTINUATION OF QUEENS TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, 2d Ward, as to liens remaining unsold at the termination of the sales of October 29, November 19, December 10 and 31, 1912, January 21, February 11, March 4, March 25, April 15, May 6, May 27, June 17, July 22, August 25, September 29, October 29 and November 26, 1913, has been continued to

**WEDNESDAY, DECEMBER 24, 1913.**

at 10 o'clock a. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Arrears Office, third floor, Municipal Building, Court House square, Long Island City, in the Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.  
Dated November 26, 1913. n28,d24

## NOTICE OF CONTINUATION OF MANHATTAN TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Manhattan, as to liens remaining unsold at the termination of the sale of September 4, October 9 and November 13, 1913, has been continued to

**THURSDAY, DECEMBER 18, 1913.**

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Aldermanic Chamber, City Hall, Borough of Manhattan, City of New York.

Dated November 13, 1913. n14,d18

## NOTICE OF CONTINUATION OF BRONX TAX SALE.

THE SALE OF THE LIENS FOR THE UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of the sale of September 15, 1913, has been continued to

**MONDAY, DECEMBER 22, 1913.**

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time on the fourth floor of the Bergen Building, corner of Arthur and Tremont aves., Borough of The Bronx, City of New York.

Dated September 15, 1913. s16,d22

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

## Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY companies will be accepted as sufficient upon the following contracts to the amounts named: applies 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 September 16, 1907.

Construction. One company on a bond up to \$25,000. Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, arkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated September 16, 1907.

**WILLIAM A. PRENDERGAST, Comptroller.**

## Interest on City Bonds and Stocks.

THE INTEREST DUE JANUARY 1, 1914, on registered bonds and stock of The City of New York, and of former corporations now included therein, will be paid on January 2, 1914, by the Comptroller at his office (Room 85) in the Stewart Building, corner of Broadway and Chambers st., in the Borough of Manhattan.

The interest due January 1, 1914, on the coupon bonds of the late City of Brooklyn will be paid on January 2, 1914, by the Nassau National Bank of Brooklyn, 26 Court st., in the Borough of Brooklyn.

The interest due on January 1, 1914, on coupon bonds of former corporations now included in The City of New York, except the late City of Brooklyn and the former County of Queens, will be paid on January 2, 1914, at the office of the Guaranty Trust Co. of New York, 140 Broadway, Borough of Manhattan.

The coupons that are payable on January 1, 1914, for interest on bonds issued by the former County of Queens will be paid on January 2, 1914, 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 due on January 1, 1914, will be closed from December 15, 1913, to January 2, 1914.

WM. A. PRENDERGAST, Comptroller.  
City of New York, Department of Finance,  
Comptroller's Office, December 2, 1913. d3,j2

## BOROUGH OF RICHMOND.

### Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the

The time for the completion of the work and the full performance of the contract is ninety (90) calendar days.

The amount of security required is Two Thousand Five Hundred Dollars (\$2,500).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the said President. Other information may be obtained at the office of the Commissioner of Public Works of the Borough of Richmond, Borough Hall, New Brighton, Borough of Richmond.

GEORGE CROMWELL, President. d11,23  
See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.  
SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond at the above office until 12 o'clock m., on

TUESDAY, DECEMBER 23, 1913.

Borough of Richmond.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REGulating AND REPAVING WITH GRANITE BLOCKS ON CONCRETE FOUNDATION THE GUTTERS OF TOTT HILL ROAD, EAST SIDE, FROM A POINT ABOUT 730 FEET SOUTH OF FOUR CORNERS ROAD TO A POINT ABOUT 1,170 FEET SOUTH OF FOUR CORNERS ROAD AND OTHER STREETS, TOGETHER WITH ALL WORK INCIDENTAL THEREOF.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required is as follows:

2,050 square yards of granite block pavement, including sand bed, and laid with cement grout joints, with one (1) year's maintenance.

360 cubic yards of concrete for foundation, in place.

15 cubic yards of concrete gutter, in place.

The time for the completion of the work and the full performance of the contract is twenty (20) days.

The amount of security required is Two Thousand Dollars (\$2,000).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the Engineer. The plans and contract, including the specifications, in the form approved by the Corporation Counsel, may be seen, and other information obtained at the office of the Engineer of the Borough of Richmond, Borough Hall, St. George, S. I.

GEORGE CROMWELL, President.  
The City of New York, December 9, 1913. d11,23

See General Instructions to Bidders on the last page, last column, of the "City Record."

## CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the acts amendatory thereof and supplemental thereto, notice is hereby given that meeting of the Commissioners appointed under said acts will be held at the office of the Commission, Room 223, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays and Thursdays of each week, at 2 o'clock p. m., until further notice.

Dated New York City, July 26, 1911.  
WILLIAM D. DICKEY, CAMBRIDGE LIVINGSTON, DAVID ROBINSON, Commissioners.  
LAMONT McLOUGHLIN, Clerk.

## DEPARTMENT OF DOCKS AND FERRIES.

### Proposals.

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

TUESDAY, DECEMBER 23, 1913.

CONTRACT NO. 1407.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING CARTS WITH HORSES AND DRIVERS FOR DISPOSING OF STREET SWEEPINGS FROM PIERS AND WATER-FRONT PROPERTY IN THE BOROUGH OF MANHATTAN, THE BRONX, BROOKLYN AND QUEENS.

The time for the completion of the work and the full performance of the contract is on or before the expiration of three hundred and three (303) working days.

The amount of security required is as follows:  
Class 1, for four carts from Pier "A" to Canal st., North River, the sum of Sixteen Hundred Dollars (\$1,600).

Class 2, for five carts from Canal st. to W. 35th st., North River, the sum of Two Thousand Dollars (\$2,000).

Class 3, for two carts from W. 35th st. to W. 158th st., North River, the sum of Eight Hundred Dollars (\$800).

Class 4, for two carts from Manhattan terminal of the Staten Island Ferry to E. 26th st., on the East River, the sum of Eight Hundred Dollars (\$800).

Class 5, for three carts from E. 26th st., on the East River, Borough of Manhattan, to Port Morris, Borough of The Bronx, the sum of Twelve Hundred Dollars (\$1,200).

Class 6, for three carts between Fort Hamilton, in the Borough of Brooklyn, and Broadway, Astoria, Borough of Queens, the sum of Twelve Hundred Dollars (\$1,200).

The bidder shall state both in writing and in figures a price per day of eight hours for one cart, horse and driver in any class on which a bid is submitted, by which price the bids will be tested and awards, if made, will be made to the bidder whose unit price is the lowest in the class and whose bid is regular in all respects. Bids may be submitted on one or more classes, as each class is a separate and distinct contract in itself.

Horses, carts and drivers shall be furnished 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 December 10, 1913. d11,23

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 18, 1913.

CONTRACT NO. 1411.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRING THE ASPHALT PAVEMENT ON THE MARGINAL STREET, NORTH EAST AND HARLEM RIVERS, TOGETHER WITH ALL WORK INCIDENTAL THEREOF.

The time for the completion of the work and the full performance of the contract is on or before December 31, 1914.

The amount of security required is Nine Thousand Dollars (\$9,000).

The bidder shall state, both in writing and in figures, a price per square yard for furnishing and delivering all of the labor and material and for doing all of the work called for. The contract is entire and for a complete job, and if awarded, will be awarded to the bidder whose price per square yard is the lowest and whose bid is regular in all respects.

Work must be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.  
Dated December 5, 1913. d6,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 18, 1913.

CONTRACT NO. 1409.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR DREDGING IN THE BOROUGH OF MANHATTAN, BROOKLYN, QUEENS, THE BRONX AND RICHMOND.

The time for the completion of the work and the full performance of the contract is on or before December 31, 1914.

The amount of security is as follows:  
Class 1—Dredging about 300,000 cubic yards on the North River, Borough of Manhattan, the sum of Eighteen Thousand Dollars (\$18,000).

Class 2—Dredging about 115,000 cubic yards on the East and Harlem Rivers, Boroughs of Manhattan, Brooklyn, Queens, The Bronx and in South Brooklyn and in the Borough of Richmond, the sum of Twelve Thousand Dollars (\$12,000).

The bidder shall state, both in writing and in figures, a price per cubic yard for doing all of the work called for in any class on which a bid is submitted, by which price the bids will be tested, and each class of the contract, if awarded, will be awarded to the bidder whose price per cubic yard is the lowest for doing all of the work called for in the class and whose bid is regular in all respects.

Work shall be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.  
Dated December 5, 1913. d6,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 18, 1913.

CONTRACT NO. 1402.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING ICE.

The time for the completion of the work and the full performance of the contract is on or before the expiration of three hundred and sixty-five (365) calendar days.

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 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.

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 December 5, 1913. d6,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 18, 1913.

CONTRACT NO. 1403.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING ABOUT 300 TONS OF EGG COAL.

The time for the completion of the work and the full performance of the contract is on or before the expiration of three hundred and sixty-five (365) calendar days.

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 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.

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 December 5, 1913. d6,18

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 18, 1913.

CONTRACT NO. 1404.  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING

AND DELIVERING DOCK SCREW BOLTS, WASHERS AND SPIKES.

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 for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The 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.

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 December 5, 1913. d6,18

See General Instructions to Bidders on the 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 and Centre and Chambers sts., New York City, until 11 a. m., on

TUESDAY, DECEMBER 30, 1913.

CONTRACT 110.

FOR FURNISHING, DELIVERING AND INSTALLING WHERE REQUIRED, GAGING, METERING AND OTHER RESERVOIR AND AQUEDUCT APPARATUS.

The points of delivery or installation are along or near the line of the Catskill Aqueduct, between the Ashokan Reservoir, in the Town of Olive, Ulster County and Silver Lake Reservoir, Staten Island, 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 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 Four Thousand Dollars (\$4,000) 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 Five Hundred Dollars (\$500).

Time allowed for the completion of the work is thirty (30) days after the service of a notice to the contractor to deliver or install the last articles to be called for.

Pamphlets containing information for bidders, forms of proposal, 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.

JOSEPH P. MORRISSEY, 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.

## BOARD OF CITY RECORD.

### Proposals.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Supervisor of the City Record, 21 Park row, in The City of New York, until 11 o'clock a. m., on

MONDAY, DECEMBER 22, 1913.

FOR SUPPLYING STATIONERY, ETC., FOR THE USE OF COURTS AND THE DEPARTMENTS AND BUREAUS OF THE CITY OF NEW YORK DURING 1914.

The delivery shall be fully and entirely performed within one hundred and fifty (150) calendar days after the execution of the contract. The amount of security shall be thirty (30) per cent. of the amount of the bid.

The bidder must state the price of each item. The bids will be tested and the award made to the bidders whose bids are the lowest for each schedule.

The said Board reserves the right to reject all bids or estimates if it deems it to be for the interest of the City so to do.

Delivery will be required to be made at the office of the Distributing Division of the City Record, 96 and 98 Reade st., from time to time and in such quantities as may be directed by the Supervisor of the City Record.

For particulars as to quantity and quality of the supplies or the nature and extent of the work, reference must be made to the specifications, to be had at the office of the Supervisor.

ARDOLPH L. KLINE, Mayor; ARCHIBALD R. WATSON, Corporation Counsel; WILLIAM A. PRENDERGAST, Comptroller, Board of City Record.

The City of New York, November 26, 1913. d29,d22

See General Instructions to Bidders on the last page, last column, of the "City Record."

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Supervisor of the City Record, Room 809, Park Row Building, 13 to 21 Park row, in The City of New York, until 11 o'clock a. m., on

FRIDAY, DECEMBER 19, 1913.

FOR SUPPLYING PRINTED, LITHOGRAPHED OR BLANK BOOKS, DOCKETS, LIBERS, BINDING COVERS, BINDING, ETC., FOR THE USE OF THE COURTS AND THE DEPARTMENTS AND THE BUREAUS OF THE GOVERNMENT OF THE CITY OF NEW YORK DURING THE YEAR 1914.

The delivery shall be fully and entirely performed within one hundred and fifty (150) calendar days after the execution of the contract. The Supervisor, however, may require delivery at an earlier date of any item or items on this contract by notice to the contractor, whereupon the item or items called for must be delivered not later than thirty days after said notice.

The amount of security shall be thirty (30) per cent. of the amount of the bid.

The bidder must state the item price for each item and the total price of each Department, Bureau or Court schedule. The bids will be tested and the award made by the schedule.

Bidders will write out the total amount of their estimates in addition to inserting the same in figures.

The said Board reserves the right to reject all bids or estimates if it deems it to be for the interest of the City so to do.

Delivery will be required to be made at the Distributing Division of the City Record at 96 and 98 Reade st., from time to time and in such quantities as may be directed by the Supervisor of the City Record.

For particulars as to the quantity and quality of the supplies or the nature and extent of the work, reference must be made to the specifications, to be had at the office of the Supervisor and on file in the office of the Comptroller.

ARDOLPH L. KLINE, Mayor; ARCHIBALD R. WATSON, Corporation Counsel; WM. A. PRENDERGAST, Comptroller; Board of City Record.

The City of New York, November 26, 1913. n23,d19

See General Instructions to Bidders on the last page, last column, of the "City Record."

## DEPARTMENT OF BRIDGES.

### Proposals.

DEPARTMENT OF BRIDGES, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING AND DELIVERING AUTOMOBILE NAPHTHA.

The naphtha shall be delivered from time to time, as required, and the whole amount shall be delivered within one hundred and eighty (180) calendar days after the date of certification of the contract by the Comptroller of the City.

The amount of security to guarantee the faithful performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

The right is reserved by the Commissioner to reject all the bids should he deem it to be for the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

Dated December 12, 1913.

ARTHUR J. O'KEEFE, Commissioner. d17,30

See General Instructions to Bidders on the last page, last column, of the "City Record."

### Auction Sales.

DEPARTMENT OF BRIDGES, MUNICIPAL BUILDING, CHAMBERS ST., MANHATTAN, NEW YORK CITY.

THE COMMISSIONER OF BRIDGES WILL sell at public auction at the junction of Bridge ave. and Fresh Kills road, Borough of Richmond, on

MONDAY, DECEMBER 22, 1913.

AT 12 O'CLOCK NOON:  
One old frame building, at present used as a shelter house for the Bridge Tender on Fresh Kills bridge.

The building is 15 feet 3 inches long, 10 feet wide and 12 feet high to the ridge of the roof, clap boarded on the outside and plastered on the inside of walls and ceiling, and the roof is covered with wooden shingles.

TERMS OF SALE.  
The full price bid for the house, in addition to the auctioneer fees, shall be paid at the time of the sale.

The house shall be completely removed within twenty days from date of sale.

The Commissioner reserves the right to resell the above described building if not removed by the purchaser within the twenty days specified.

ARTHUR J. O'KEEFE, Commissioner of Bridges.  
JACQUES COHEN, Auctioneer. d9,22

## PUBLIC SERVICE COMMISSION.

### Proposals.

INVITATION TO CONTRACTORS.

PART OF THE SEVENTH AVENUE-LEXINGTON AVENUE RAPID TRANSIT RAILROAD.

THE PUBLIC SERVICE COMMISSION FOR the First District (hereinafter called the "Commission") invites proposals to construct Section No. 6 of Routes 4 and 38, a part of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad.

The points within The City of New York between which the said part is to run and the route or routes to be followed are briefly as follows:  
Section No. 6—Beginning at a point under 7th ave., in the Borough of Manhattan, about seventy-five (75) feet north of the northerly building line of W. 30th st., and extending thence northerly under 7th ave. to a point about one hundred (100) feet south of the southerly building line of W. 43d st.

The general plan of construction calls for a subsurface railroad having four and five tracks. The details of the construction of the railroad and appurtenances are more particularly indicated on the contract drawings.

Bidders will not be required to provide or lay tracks, ties or ballast, nor to do station finish work.

The work of construction under the contract will include the construction of all necessary sewers and connections along or off the route of the railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care, including underpinning or the maintaining, protecting and securing, where necessary, of all buildings, monuments, surface and subsurface railroads and other surface, subsurface and overhead structures of any kind, etc., affected by or interfered with during the construction of the work; also the restoration of the sidewalks and roadways.

The method of construction will be by trench excavation under cover, unless otherwise permitted by the Commission, as set forth in the form of contract.

Bidders must examine the form of contract and the specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated, in the printed form of contract and in the contract drawings therein referred to. Printed copies of the form of contract, bond and contractor's proposal may be had on application at the office of the Commission, No. 154 Nassau st., Borough of Manhattan, City of New York. The contract drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders on payment of five dollars (\$5). The printed form of contract and the contract drawings are to be deemed a part of this invitation.

The City and the Interborough Rapid Transit Company will both be parties to the contract;

the Interborough Rapid Transit Company being a party for the purpose of disbursing part of its contribution toward the cost of construction as provided in the contract dated March 19, 1913, between The City of New York, acting by the Commission, and Interborough Rapid Transit Company for the equipment, maintenance and operation of additional rapid transit railroads. The liability of Interborough Rapid Transit Company under the contract for which bids are now invited will be limited to an amount equal to ninety-five (95) per centum of the aggregate sum arrived at by multiplying the estimated approximate quantities by the unit prices, as contained in the schedule of unit prices in the contractor's proposal. The contractor is to accept the obligation of the Interborough Rapid Transit Company to make payments to the amount and in the manner provided in the contract, and is to agree not to look to the City except to the extent that the amounts earned under the contract may exceed the amount for which the Interborough Rapid Transit Company is liable.

The Commission is informed by the Department of Docks and Ferries that docks and bulkheads along the East River or along the North River may be available for dumping purposes. Information in regard thereto may be obtained by any intending bidder upon inquiry at the office of the Department of Docks and Ferries with whom all arrangements must be made with respect to utilizing such docks and bulkheads as may be available.

Partial payments to the contractor will be made monthly as the work proceeds, as provided in the form of contract.

The contractor will be required to complete the work as soon as practicable and within a period of thirty-six (36) months from the date of the delivery of the contract.

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 29th day of December, 1913, at twelve fifteen (12.15) o'clock p. m., at which time, 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, copies of which may be obtained at the office of the Commission.

A statement based upon estimate of the Engineer of the quantities of the various classes of work and of the nature and extent as near as practicable of the work required is to be found in the schedule forming a part of 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.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Part of Rapid Transit Railroad—Routes Nos. 4 and 38, Section No. 6," 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 or deposited unless accompanied by a separate certified check drawn upon a national or state bank or trust company having its principal office in The City of New York for the sum of Fifteen Thousand Dollars (\$15,000). 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.

Bidders whose proposals are otherwise satisfactory, in case the sureties or securities named by them are not approved by the Commission, may substitute in their proposals the names of other sureties or securities approved by the Commission, but such substitution must be made within five (5) days after notice of disapproval, unless such period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representative, attend at the said office of the Commission within ten days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract the contractor will be required to furnish security to the City by giving a bond for two hundred thousand dollars (\$200,000). At the option of the successful bidder, cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under the contract, they must be of the character of securities in which savings banks may invest their funds and must be approved by the Commission.

The contractor's bond must be in the form annexed to the form of contract.

In addition and as further security, fifteen (15) per centum 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 (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the unit prices, as contained in the schedule of unit prices in the contractor's proposal. Thereafter there shall be so deducted and retained for such purpose ten (10) per centum of the amount certified from time to time to be due to the contractor. The contractor may from time to time withdraw portions of the amounts so retained upon depositing in lieu thereof corporate stock of The City of New York equal in market value to the amount so withdrawn.

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond or to make the required deposit, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to make another contract with such, if any, of the original bidders, as, in the opinion of the Commission, it will be to the best interests of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other contractor over the amount of the bid of such defaulting bidder.

If the Commission shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, or to make the required

deposit, then the invitation to contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed 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, December 5, 1913.  
PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT. By EDWARD E. McCALL, Chairman.  
TRAVIS H. WHITNEY, Secretary. d8,29

## BOARD OF ASSESSORS.

### Notice to Present Claims for Damages

PUBLIC NOTICE IS HEREBY GIVEN TO all persons claiming to have been injured by a change of grade in the regulating and grading of the following named streets to present their claims, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, on or before December 23, 1913, at 11 o'clock a. m., at which place and time the said Board of Assessors will receive evidence and testimony of the nature and extent of such injury. Claimants are requested to make their claims for damages upon the blank form prepared by the Board of Assessors, copies of which may be obtained upon application at the above office.

### Borough of Manhattan.

3678. 212th st., between Broadway and 10th ave.

### Borough of The Bronx.

3690. Glebe ave., between Zerega ave. and Overing st.

3691. Grand ave., between W. 181st and W. 184th sts.

3692. Kingsbridge road, between Bailey ave. and the boundary line between Manhattan and The Bronx and between Heath and Bailey aves.

3693. Maclay ave., between Zerega and Walker aves.

3694. 198th st., between Jerome and Creston aves.

3697. Tiffany st., between the northerly side of former Edgewater road and dock at foot of Tiffany st.

3699. Van Cortlandt ave., between Sedgwick ave. and Albany road.

3710. Parker st., between Westchester and Lyon aves.

3733. 172nd St. West., between Jerome and Inwood aves.

3734. Randolph ave., between St. Lawrence and Beach aves.

3735. Tiffany st., between Southern boulevard and Lafayette ave.

3767. E. 202d st., from Webster ave. to New York and Harlem Railroad.

3768. W. 233d st., from Broadway to Albany road.

3769. W. 235th st., from Spuyten Duyvil parkway to Riverdale ave.

### Borough of Brooklyn.

3503. Kingston ave., between President st. and a point 105 feet northerly.

3512. E. 21st st., between Beverly road and Avenue C.

3618. Amboy st., between Blake and Dumont aves., and between Livonia and Lott aves.

3624. Howard ave., between East New York and Blake aves.

3648. Union st., between Schenectady and Utica aves.

3649. W. 3d st., between Sheepshead Bay road and Neptune ave.

3650. Williams ave., between Riverdale and New Lots aves.

3653. Montauk ave., between Atlantic and Liberty aves.

3655. Belmont ave., between Pennsylvania ave. and Wyona st.

3668. Dinsmore place, between Chestnut and Logan sts.

3671. Eckford st., between Engert and Manhattan aves.

3672. Rutland road, between Nostrand and Kingston aves.

3675. West st., between Church and Fort Hamilton aves.

3702. E. 4th st., between Albemarle road and Fort Hamilton ave.

3706. Benson ave., between 22d and 25th aves.

3707. Chester st., between Riverdale and Hege-man aves.

3708. Gardner ave., between Randolph and Grand sts.

3709. Hemlock st., between Pitkin and Sutter aves.

3714. Blake ave., between Howard ave. and E. 98th st.

3715. Avenue J, between E. 40th st. and Brooklyn ave.

3716. Avenue M, between Utica and Flatbush aves.

3717. Carroll st., between Kingston and Albany aves.

3718. E. 26th st., between Avenue D and Newkirk aves.

3719. E. 29th st., between Clarendon road and Canarsie lane.

3721. 83d st., between 3d and 4th aves.

3722. Lincoln place, between Howard and East New York aves.

3723. Newkirk ave., between E. 34th st. and Brooklyn ave.

3725. 77th st., between New Utrecht and 17th aves.

3726. 35th st., between Church ave. and West st.

3727. Union st., between Utica and Rochester aves.

3740. Bristol st., between a point 125 feet south of Blake ave. to Dumont ave.

3746. 82d st., between 3d and 6th aves.

3764. W. 31st st., between Neptune and Surf aves.

3703. E. 18th st., between Avenues N and O.

### Borough of Queens.

3627. Anthon (Doscher) ave., between Silver (Halsey) st. and Catalpa (Elm) ave.

3628. Clinton ave., between Clermont and Willow aves.

3630. 4th st., between Woodside and Riker aves.

3636. Wilson ave., between 10th and 19th aves.

3773. Hancock st., between Webster and Vernon aves.

3774. Goodrich st., from Ditmars ave. to Flushing ave.

3775. Boulevard, from Webster to Washington ave.

### Borough of Richmond.

3677. Knox st., between Richmond terrace and Market st.

3678. Lyman ave., between Summit st. and Tompkins ave.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.  
THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, December 13, 1913. d13,24

### Completion of Assessments.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

### Borough of Manhattan.

3575. Paving 142d st., from a point 450 feet east of Lenox ave. to the Marginal st.

3576. Paving, curbing and recurb 163d st., from Amsterdam ave. to St. Nicholas ave. The area of assessment extends to within half the block at the intersecting and terminating streets and avenues.

3578. Sewers in 176th st., between Audubon and St. Nicholas aves., and between Broadway and Wadsworth ave. Affecting Block Nos. 2133 and 2145.

3579. Sewer in 190th st., between Wadsworth and St. Nicholas aves. Affecting Block Nos. 2168 and 2169.

### Borough of The Bronx.

3207. Regulating, grading, curbing, flagging, etc., W. 165th st., between Woodycrest and Anderson aves., together with a list of awards for damages caused by a change of grade.

3236. Regulating, grading, curbing, flagging, etc., Aqueduct Avenue East, from W. 180th st. to W. 184th st.

3566. Paving with bituminous concrete E. 173d st., from Southern boulevard to Bryant ave., and adjusting curb where necessary.

3568. Regulating, grading, curbing, flagging, etc., E. 193d st., from Bainbridge ave. to Webster ave. The area of assessment in the above entitled matters extends to within one-half the block at the intersecting streets and avenues.

### Borough of Brooklyn.

3055. Regulating, grading, curbing and flagging E. 13th st., from Avenue O to Gravesend Neck road.

3251. Preliminary pavement on Whitwell place, between Carroll and 1st sts.

3253. Preliminary pavement and curbing on E. 23d st., between Newkirk and Foster aves.

3261. Regulating, grading, curbing and flagging on Bay Ridge ave., from New Utrecht ave. to a point about 125 feet east of 16th ave., and from a point about 150 feet east of 17th ave. to 18th ave.

3287. Regulating, grading, curbing and flagging Nassau ave., from Apollo st. to Varick ave.

3300. Regulating, grading, curbing and flagging 16th ave., from 68th to 70th sts.

3422. Regulating, grading, curbing and flagging 76th st., between 12th and 15th aves.

3437. Regulating, grading, curbing and flagging Belmont ave., between Crescent and Grant aves.

3504. Paving (preliminary) on Newkirk ave., from Nostrand ave. to E. 34th st.

3505. Preliminary pavement on Prospect st., from Erasmus st. to Beverley road.

3506. Preliminary pavement on Schaeffer st., from Knickerbocker ave. to the County line.

3508. Preliminary pavement on 73d st., between 12th and 14th aves.

3509. Regulating, grading and curbing Terrace place, between Prospect ave. and Windsor place.

3510. Preliminary pavement on 38th st., between Fort Hamilton and 13th aves.

3511. Preliminary pavement on Beverley road, from E. 2d st. to Gravesend ave.

3512. Preliminary pavement and curbing on E. 21st st., from Beverley road to Avenue C.

3513. Paving Forrest st., between Central and Flushing aves.

3514. Preliminary pavement on Newkirk ave., from Ocean parkway to 1st st.

3515. Paving Sharon st., between Olive st. and Morgan ave.

3520. Regulating, grading, curbing and flagging Barrett st., from East New York to Dumont aves.

3521. Preliminary pavement on Chester ave., from Louisa st. to Fort Hamilton parkway.

3522. Regulating, grading, curbing and flagging Dumont ave., between Powell and Junius sts.

3523. Preliminary pavement on Elton st., between Blake and Dumont aves.

3524. Preliminary pavement on Irving ave., from Halsey st. to Weirfield st.

3525. Preliminary pavement on Ames st., between Sutter and Blake aves.

3526. Preliminary pavement on Ashford st., between Dumont and Livonia aves.

3528. Preliminary pavement on 82d st., between 18th and 20th aves.

3532. Regulating, grading, curbing and flagging 83d st., between 22d and 24th aves.

3533. Preliminary pavement on 45th st., between 12th and 13th aves.

3534. Preliminary pavement on 46th st., between 7th and 8th aves.

3535. Regulating, grading, curbing and flagging 58th st., between New Utrecht and 16th aves.

3536. Preliminary pavement (where not already done) on 59th st., between 7th and Fort Hamilton aves.

3538. Preliminary pavement and curbing Newkirk ave., from Coney Island ave. to 1st st.

3539. Regulating, grading, curbing and flagging N. 15th st., between Banker st. and Nassau ave.

3540. Regulating, grading, curbing and flagging 70th st., between Fort Hamilton parkway and 10th ave.

3541. Regulating, grading, curbing and flagging 66th st., between 11th and 13th aves.

3542. Preliminary pavement on Senator st., between 4th and 5th aves.

3543. Preliminary pavement on 68th st., between 1st and 2d aves.

3544. Regulating, grading, curbing and flagging 75th st., from a point 200 feet east of Fort Hamilton ave. to a point 10th ave., and between 15th ave. and Bay parkway (22d ave.).

3545. Paving White st., between Cook and Moore sts., and between Seigel st. and Johnson ave.

3546. Regulating, grading, curbing and flagging Winthrop st., between Albany and Remsen aves.

3548. Preliminary pavement on Avenue L, between E. 19th st. and Ocean ave.

3549. Preliminary pavement on Avenue I, from Ocean ave. to the Long Island Railroad.

3550. Paving Coney Island ave., from Avenue N to Kings highway.

3551. Regulating, grading, curbing and flagging 40th st., between 16th ave. and West st.

3552. Preliminary pavement on E. 19th st., from Avenue I to the Long Island Railroad.

3553. Preliminary pavement on E. 19th st., from Avenue K to Avenue L.

3555. Preliminary pavement on E. 45th st., between 15th and 17th aves.

3557. Preliminary pavement on Lincoln place, from Classon ave. to the bridge over the Brighton Beach Railroad.

3558. Regulating, grading, curbing and flagging Story st., from Church ave. to Louisa st.

3559. Paving 75th st., between Fort Hamilton and 10th aves.

3560. Preliminary pavement on 71st st., between 10th and 11th aves.

3561. Regulating, grading and curbing (where not already done) Utica ave., between Church ave. and the Long Island Railroad, about 125 feet south of Farragut road. The area of assessment in the above entitled matters extends

to within one-half the block at the intersecting and terminating streets and avenues.

3333. Sewer in Saratoga ave., from Sutter ave. to Livonia ave., and outlet in Saratoga ave., from Livonia ave. to E. 98th st.; also a sewer in Livonia ave., from Douglas st. to Saratoga ave. Affecting Block Nos. 3536, 3537, 3553 to 3555, 3568 to 3570, 3582, 3583, 3595, 3596, 3607 and 3608.

3431. Sewer in Avenue J, from E. 27th st. to Flatbush ave.; in E. 31st st., from Avenue J to the sewer summit about 300 feet south of Avenue J; sewers in both sides of Ocean ave., from Avenue I to the right of way of the Long Island Railroad (between Avenues H and I), with an outlet sewer in Avenue I, between Ocean ave. and Flatbush ave., and a sewer in Avenue I, from 17th st. to Ocean ave. Affecting Block Nos. 6701 to 6703, 6710 to 6712, 7566 to 7578, 7584 to 7598, 7602 to 7616, inclusive.

3585. Sewers in E. 34th st., from Lenox road to Church ave. and in Lenox road, from E. 34th st. to New York ave. Affecting Block Nos. 4838, 4854, 4855, 4870 and 4871.

3586. Sewers in 7th ave., west side, from 77th to 78th st., and outlet sewer in 78th st., between 6th and 7th aves. Affecting Block Nos. 5963, 5964 and 5972.

3537. Laying sidewalks on the south side of Lincoln place, between Albany and Troy aves. Affecting property in front of which work was done.

All persons whose interests are affected by the above named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before January 13, 1914, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, December 13, 1913. d13,24

## DEPARTMENT OF EDUCATION.

### Proposals.

DEPARTMENT OF EDUCATION, PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 a. m., on

WEDNESDAY, DECEMBER 31, 1913.

FOR FURNISHING AND DELIVERING MILK FOR USE IN THE TRUANT SCHOOL OF THE CITY OF NEW YORK, BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the contract.

The bidder will state the price of each item or article contained in the specifications and schedules herein contained or hereto annexed per quart, by which the bids will be tested.

Award will be 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.

Bids must be submitted in duplicate, each in a

OUGH OF BROOKLYN; ORCHARD AVE. AND MUNSON ST., ASTORIA, BOROUGH OF QUEENS; HAMILTON AVE. AND ST. MARKS PLACE, NEW BRIGHTON, BOROUGH OF RICHMOND.

The time allowed to complete the whole work on each item will be as follows: Item 1, 45 working days; Item 2, 30 working days; Item 3, 30 working days, as provided in the contract.

The amount of security required is as follows: Item 1, \$800; Item 2, \$600; Item 3, \$600.

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.

On Nos. 3 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

On Nos. 4, 5, 6 and 7 the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, ninth floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at Branch Office, No. 69 Broadway, Flushing, Borough of Queens.

C. B. J. SNYDER, Superintendent of School Buildings.  
Dated December 16, 1913. d16.29

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 3 o'clock p. m., on

MONDAY, DECEMBER 23, 1913.

Borough of Brooklyn.  
No. 1. FOR IMPROVEMENTS ON OR ABOUT THE SITE OF THE BUSHWICK HIGH SCHOOL, ON THE SOUTHWESTERLY CORNER OF IRVING AND PUTNAM AVES., BOROUGH OF BROOKLYN.

The time allowed to complete the work will be sixty (60) working days, as provided in the contract.

The amount of security required is Six Thousand Dollars (\$6,000).

The deposit accompanying bid shall be five (5) per centum of the amount of security.

No. 2. FOR EQUIPMENT OF WOODWORKING TOOLS FOR BUSHWICK HIGH SCHOOL, ON THE SOUTHWESTERLY CORNER OF IRVING AND PUTNAM AVES., 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 Two Thousand Dollars (\$2,000).

The deposit accompanying bid shall be five (5) per centum of the amount of security.

The attention of bidders is especially called to pages 1 to 13 of Specification No. 113.

On Nos. 1 and 2 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, ninth floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at Branch Office, No. 131 Livingston st., Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.  
Dated December 16, 1913. d16.29

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies, at the above office of the Department of Education, until 11 a. m., on

WEDNESDAY, DECEMBER 24, 1913.

FOR FURNISHING AND OPERATING STAGES OR OTHER CONVEYANCES TO CONVEY PUPILS TO AND FROM THE SCHOOLS OF THE CITY OF NEW YORK, IN THE BOROUGH OF MANHATTAN, THE BRONX, BROOKLYN, QUEENS AND RICHMOND.

The time for the performance of the contract is prior to December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the contract.

The bidder may quote on conveyance other than by stage. If by stage, the price per day must be quoted. If by trolley or other conveyance the price per pupil per day and the manner in which it is intended to convey the pupils must be stated. If it is intended to convey by special car over a particular route the price per day must be stated, and such other information must be furnished as will enable the Committee on Supplies to reach a proper determination.

In the event of a school or schools being closed the contract shall be terminated as to that school or schools.

Contract will be awarded to the lowest bidder. The Board of Education reserves the right to award the contract as a whole for the Boroughs of Manhattan, The Bronx, Brooklyn, Queens and Richmond, or to award separately for the Boroughs of Manhattan, The Bronx, Brooklyn, Queens or Richmond, or item by item, if deemed to be for the best interest of the City.

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, Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.  
Dated December 12, 1913. d12.24

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 o'clock a. m., on

THURSDAY, DECEMBER 20, 1913.

FOR PRINTING AND FOR FURNISHING AND DELIVERING STATIONERY AND PRINTED SUPPLIES FOR THE BOARD OF EDUCATION OF THE CITY OF NEW YORK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the contract.

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 Board of Education reserves the right to award the contract as a whole for the Board of Education, or schedules, or item by item, if deemed for the best interests of the City.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.  
Dated December 12, 1913. d12.24

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 o'clock a. m., on

THURSDAY, DECEMBER 18, 1913.

FOR FURNISHING AND DELIVERING 72,000 GALLONS REFINED AUTOMOBILE NAPHTHA AND 21,000 GALLONS KEROSENE OIL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. The Board of Education reserves the right to award the contract as a whole for the Board of Education, or schedules, or item by item, if deemed for the best interests of the City.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.  
Dated December 12, 1913. d12.24

See General Instructions to Bidders on the last page, last column, of the "City Record."

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, southwest corner of Park ave. and 59th st., Borough of Manhattan.

PATRICK JONES, Superintendent of School Supplies.  
Dated December 10, 1913. d10.20

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 3 o'clock p. m., on

MONDAY, DECEMBER 22, 1913.

Borough of Brooklyn.  
No. 1. FOR ITEM 1, GENERAL CONSTRUCTION, ALSO ITEM 2, PLUMBING AND DRAINAGE OF NEW PUBLIC SCHOOL 178, ON THE NORTHERLY SIDE OF DEAN ST., 140 FEET EAST OF SARATOGA AVE., BOROUGH OF BROOKLYN.

The time allowed to complete the whole work of each item will be two hundred and seventy-five (275) working days, as provided in the contract.

The amount of security required is as follows: Item 1, \$100,000; Item 2, \$12,000.

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 (5) per centum of the amount of security.

On No. 1 the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at Branch Office, No. 131 Livingston st., Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 3 o'clock p. m., on

MONDAY, DECEMBER 22, 1913.

Borough of The Bronx.  
No. 2. FOR ITEM 1, ERECTING STONE RETAINING WALLS, TUNNEL, SIDEWALK, ETC., AND ITEM 2, ERECTING IRON AND GLASS PARTITIONS ENCLOSED WORKS, SHOP AND JANITOR'S OFFICE AT PUBLIC SCHOOL 7, 232D ST. AND KINGSBRIDGE AVE., BOROUGH OF THE BRONX.

The time allowed to complete the whole work on Item 1 will be one hundred (100) working days and on Item 2 fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows: Item 1, \$3,000; Item 2, \$500.

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 (5) per centum of the amount of security.

No. 3. FOR FURNITURE, ETC., FOR NEW PUBLIC SCHOOL 53, ON THE SOUTHERLY SIDE OF 168TH ST., BETWEEN TELLER AND FINDLAY AVES., BOROUGH OF THE BRONX.

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, \$1,200; Item 2, \$1,000; Item 3, \$800; Item 4, \$600; Item 5, \$600.

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 (5) per centum of the amount of security.

Borough of Manhattan.  
No. 4. FOR ITEM 1, INSTALLING HEATING AND VENTILATING APPARATUS, AND ITEM 2, INSTALLING TEMPERATURE REGULATION IN NEW PUBLIC SCHOOL 97, ON THE WESTERLY SIDE OF MANGIN ST., ABOUT 125 FEET SOUTH OF E. HOUSTON ST., BOROUGH OF MANHATTAN.

The time allowed to complete the whole work of each item will be one hundred (100) working days, as provided in the contract.

The amount of security required is as follows: Item 1, \$24,000; Item 2, \$1,500.

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 (5) per centum of the amount of security.

On Nos. 2, 3 and 4 the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 o'clock a. m., on

THURSDAY, DECEMBER 18, 1913.

FOR FURNISHING AND DELIVERING 72,000 GALLONS REFINED AUTOMOBILE NAPHTHA AND 21,000 GALLONS KEROSENE OIL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. The Board of Education reserves the right to award the contract as a whole for the Board of Education, or schedules, or item by item, if deemed for the best interests of the City.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.  
Dated December 12, 1913. d12.24

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 o'clock a. m., on

THURSDAY, DECEMBER 18, 1913.

FOR FURNISHING AND DELIVERING 72,000 GALLONS REFINED AUTOMOBILE NAPHTHA AND 21,000 GALLONS KEROSENE OIL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. The Board of Education reserves the right to award the contract as a whole for the Board of Education, or schedules, or item by item, if deemed for the best interests of the City.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.  
Dated December 12, 1913. d12.24

See General Instructions to Bidders on the last page, last column, of the "City Record."

received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

MONDAY, DECEMBER 22, 1913.

No. 1. FOR FURNISHING AND DELIVERING 380 CORDS OF KINDLING WOOD.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

No. 2. FOR FURNISHING AND DELIVERING 72,000 GALLONS REFINED AUTOMOBILE NAPHTHA AND 21,000 GALLONS KEROSENE OIL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per cord, gallon, or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the total. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

MONDAY, DECEMBER 22, 1913.

No. 1. FOR FURNISHING AND DELIVERING FIVE HUNDRED AND TWENTY-FIVE (525) TONS OF BITUMINOUS COAL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per ton 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.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

MONDAY, DECEMBER 22, 1913.

No. 2. FOR FURNISHING AND DELIVERING FIVE HUNDRED (500) GROSS TONS OF ANTHRACITE COAL FOR FIREBOATS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before April 1, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard, or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the totals. The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Fire Department, Nos. 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.  
Dated December 10, 1913. d10.22

See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the offices of the Commissioner of Public Works, Room No. 2034, 20th floor, Municipal Building, until 11 o'clock a. m., on

MONDAY, DECEMBER 23, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION OF PLUMBING, WATER SUPPLY AND DRAINAGE SYSTEM IN THE WASHINGTON MARKET BUILDING, LOCATED AT FULTON, VESEY, WASHINGTON AND WEST STS., BOROUGH OF MANHATTAN.

The time allowed for the completion of the work will be fifty (50) consecutive calendar working days.

The amount of security required will be Thirty-five Hundred Dollars (\$3,500), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

The bids will be compared and the contract awarded at a lump or aggregate sum to the lowest bidder.

Blank forms, specifications and plans may be obtained at the office of the architect, Charles H. Higgins, 95 Liberty st., Borough of Manhattan.

GEORGE McANENY, President.  
City of New York, December 16, 1913. d16.29

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the offices of the Commissioner of Public Works, Room No. 2034, 20th floor, Municipal Building, until 11 o'clock a. m., on

THURSDAY, DECEMBER 18, 1913.

FOR FURNISHING AND DELIVERING ABOUT 3,000,000 POUNDS OF COAL, BUCKWHEAT, NO. 2, TO BE DELIVERED ALONGSIDE OF DOCK IN LOWER MANHATTAN, AS DIRECTED.

The time allowed for the completion of the contract will be until December 31, 1914.

The amount of security required will be Two Thousand Dollars (\$2,000), 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 Com-

missioner of Public Works, Room No. 2034, twentieth floor, Municipal Building, The City of New York, until 11 o'clock a. m., on

THURSDAY, DECEMBER 18, 1913.

missioner of Public Works Room 2019A, 20th floor, Municipal Building, Borough of Manhattan, GEORGE McANENY, President.  
City of New York, December 10, 1913.  
410,20  
See General Instructions to Bidders on the last page, last column, of the "City Record."

### DEPARTMENT OF CORRECTION.

#### Proposals.

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 1. FOR FURNISHING AND DELIVERING FORAGE.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1914.  
The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be received unless this provision is complied with.  
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals, and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 2. FOR FURNISHING AND DELIVERING SUPPLIES FOR MANUFACTURING PURPOSES.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1913.  
The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be received unless this provision is complied with.  
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals, and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 3. FOR FURNISHING AND DELIVERING FRESH MEATS.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1914.  
The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be received unless this provision is complied with.  
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals. The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 4. FOR FURNISHING AND DELIVERING GROCERIES, STOCK VEGETABLES, YEAST, ETC.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.  
Bids must be submitted in duplicate, each in a separate envelope. No bid will be received unless this provision is complied with.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals, and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 5. FOR FURNISHING AND DELIVERING FRESH FISH.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.  
Bids must be submitted in duplicate, each in a separate envelope. No bid will be received unless this provision is complied with.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 7. FOR FURNISHING AND DELIVERING PASTEURIZED AND CONDENSED MILK.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.  
Bids must be submitted in duplicate, each in a separate envelope. No bid will be received unless this provision is complied with.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals, and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20th St., Borough of Manhattan, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction, at the above office, until 11 o'clock a. m., on **THURSDAY, DECEMBER 18, 1913.**

No. 1. FOR FURNISHING AND DELIVERING SUPPLIES FOR MANUFACTURING PURPOSES.  
The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.  
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals, and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.  
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

**PATRICK A. WHITNEY, Commissioner.**  
Dated December 4, 1913. d6,18  
See General Instructions to Bidders on the last page, last column, of the "City Record."

### BOROUGH OF BROOKLYN

#### Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, Room No. 2, Borough Hall, Borough of Brooklyn, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m., on **WEDNESDAY, DECEMBER 24, 1913.**

1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON BAY 10TH ST., FROM BATH AVE. TO CROPSBY AVE.  
The Engineer's estimate is as follows:

50 linear feet old curbstone reset in concrete.  
2,340 cubic yards excavation.  
1,140 linear feet cement curb (1 year maintenance).  
5,740 square feet cement sidewalks (1 year maintenance).  
Time allowed, thirty (30) working days.  
Security required, Eight Hundred Dollars (\$800).

2. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON WILLOUGHBY AVE., FROM ST. NICHOLAS AVE. TO CYPRESS AVE.  
The Engineer's estimate is as follows:  
2,710 square yards asphalt pavement (5 years maintenance).  
375 cubic yards concrete.  
600 cubic yards excavation to subgrade.  
Time allowed, thirty (30) working days.  
Security required, Two Thousand Dollars (\$2,000).

3. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON CROWN ST., FROM BEDFORD AVE. TO ROGERS AVE.  
The Engineer's estimate is as follows:

260 cubic yards fill (not to be bid for).  
260 cubic yards excavation.

20 linear feet old curbstone reset in concrete.  
10,560 cubic yards excavation.

180 cubic yards fill (not to be bid for).  
1,550 linear feet cement curb (1 year maintenance).  
7,630 square feet cement sidewalks (1 year maintenance).

Time allowed, ninety (90) working days.  
Security required, Twenty-eight Hundred Dollars (\$2,800).

4. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 9TH ST., FROM AVENUE L TO AVENUE M.  
The Engineer's estimate is as follows:  
70 cubic yards excavation.  
620 cubic yards fill (to be furnished).  
1,610 linear feet cement curb (1 year maintenance).  
7,390 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty (30) working days.  
Security required, Eight Hundred Dollars (\$800).

5. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 35TH ST., FROM NEWKIRK AVE. TO FOSTER AVE.  
The Engineer's estimate is as follows:  
200 cubic yards excavation.  
230 cubic yards fill (to be furnished).  
920 linear feet cement curb (1 year maintenance).  
4,550 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty-five (25) working days.  
Security required, Five Hundred Dollars (\$500).

6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 35TH ST., FROM NEWKIRK AVE. TO FOSTER AVE.  
The Engineer's estimate is as follows:  
1,055 square yards asphalt pavement (5 years maintenance).  
145 cubic yards concrete.  
235 cubic yards excavation to subgrade.

Time allowed, twenty-five (25) working days.  
Security required, Eight Hundred Dollars (\$800).

7. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 45TH ST., FROM SENECA AVE. TO E. 98TH ST.  
The Engineer's estimate is as follows:  
5,230 square yards asphalt pavement (5 years maintenance).  
725 cubic yards concrete.  
340 linear feet bluestone heading stones set in concrete.

1,160 cubic yards excavation to subgrade.  
1,950 linear feet cement curb (1 year maintenance).  
Time allowed, thirty-five (35) working days.  
Security required, Four Thousand Dollars (\$4,000).

8. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON LENOX ROAD, FROM ALBANY AVE. TO E. 45TH ST., AND FROM SCHENECTADY AVE. TO UTICA AVE.  
The Engineer's estimate is as follows:  
40 linear feet old curbstone reset in concrete.  
1,090 cubic yards excavation.  
70 cubic yards fill (to be furnished).  
3,520 linear feet cement curb (1 year maintenance).

Time allowed, forty (40) working days.  
Security required, Sixteen Hundred Dollars (\$1,600).

9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 45TH ST., FROM SENECA AVE. TO E. 98TH ST.  
The Engineer's estimate is as follows:  
1,210 square yards asphalt pavement (5 years maintenance).  
135 cubic yards concrete.  
230 linear feet new curbstone set in concrete.

680 linear feet old curbstone reset in concrete.  
200 cubic yards excavation.  
Time allowed, twenty-five (25) working days.  
Security required, Twelve Hundred Dollars (\$1,200).

10. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON W. 29TH ST., FROM NEPTUNE AVE. TO SURF AVE.  
The Engineer's estimate is as follows:  
60 linear feet old curbstone reset in concrete.  
690 cubic yards excavation.  
4,130 cubic yards fill (to be furnished).  
3,280 linear feet cement curb (1 year maintenance).

Time allowed, seventy (70) working days.  
Security required, Three Thousand Five Hundred Dollars (\$3,500).

11. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON W. 37TH ST., FROM NEPTUNE AVE. TO A LINE ABOUT 260 FEET SOUTH OF SURF AVE.  
The Engineer's estimate is as follows:  
25 linear feet old curbstone reset in concrete.  
2,170 cubic yards excavation.  
480 cubic yards fill (not to be bid for).  
3,030 linear feet cement curb (1 year maintenance).

Time allowed, fifty (50) working days.  
Security required, Two Thousand Dollars (\$2,000).

12. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON WILLOUGHBY AVE., FROM ST. NICHOLAS AVE. TO CYPRESS AVE.  
The Engineer's estimate is as follows:  
50 linear feet old curbstone reset in concrete.  
5,050 cubic yards excavation.  
600 cubic yards fill (not to be bid for).  
800 linear feet cement curb (1 year maintenance).

Time allowed, fifty (50) working days.  
Security required, Eleven Hundred Dollars (\$1,100).

13. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS AND PAVING WITH PERMANENT GRADE 1 GRANITE PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 2D AVE., FROM 6TH ST. TO GOWANUS CANAL.  
The Engineer's estimate is as follows:  
2,180 square yards grade 1 granite pavement with joint filler of coal tar pitch and gravel (1 year maintenance).  
363 cubic yards concrete.  
920 linear feet new curbstone set in concrete.

30 linear feet granite heading stones set in concrete.  
1,000 cubic yards excavation.  
260 cubic yards fill (not to be bid for).

4,600 square feet cement sidewalks (1 year maintenance).  
Time allowed, thirty (30) working days.

Security required, Three Thousand Five Hundred Dollars (\$3,500).

14. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 15TH AVE., FROM 38TH ST. TO 40TH ST.  
The Engineer's estimate is as follows:  
2,350 square yards asphalt pavement (5 years maintenance).  
390 cubic yards concrete.

130 linear feet bluestone heading stones set in concrete.  
590 cubic yards excavation to subgrade.  
Time allowed, thirty (30) working days.  
Security required, Eighteen Hundred Dollars (\$1,800).

15. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 59TH ST., FROM 13TH AVE. TO 16TH AVE.  
The Engineer's estimate is as follows:  
20 linear feet old curbstone reset in concrete.  
340 cubic yards excavation.

70 cubic yards fill (not to be bid for).  
1,430 linear feet cement curb (1 year maintenance).  
6,500 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty-five (25) working days.  
Security required, Seven Hundred Dollars (\$700).

16. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF 67TH ST., FROM 11TH AVE. TO 13TH AVE.  
The Engineer's estimate is as follows:  
5,115 square yards asphalt pavement (5 years maintenance).  
710 cubic yards concrete.

120 linear feet bluestone heading stones set in concrete.  
1,135 cubic yards excavation to subgrade.  
Time allowed, thirty (30) working days.

Security required, Three Thousand Five Hundred Dollars (\$3,500).

17. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF 74TH ST., FROM 11TH AVE. TO 13TH AVE.  
The Engineer's estimate is as follows:  
5,380 square yards asphalt pavement (5 years maintenance).  
745 cubic yards concrete.

175 linear feet bluestone heading stones set in concrete.  
1,195 cubic yards excavation to subgrade.  
Time allowed, thirty (30) working days.

Security required, Three Thousand Seven Hundred Dollars (\$3,700).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.  
Blank forms and further information may be obtained at the office of the Bureau of Highways, the Borough of Brooklyn, No. 12 Municipal Building, Brooklyn.

**L. H. POUNDS, President.**  
Dated December 8, 1913. d12,24  
See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, Room No. 2, Borough Hall, Borough of Brooklyn, The City of New York.  
SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m., on **WEDNESDAY, DECEMBER 24, 1913.**

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWERS IN GRAVESEND AVE., BOTH SIDES, BETWEEN FORT HAMILTON AVE. AND CHURCH AVE., AND OUTLET SEWERS IN CATON AVE., BETWEEN GRAVESEND AVE. AND E. 2D ST.; IN E. 2D ST., BETWEEN CATON AVE. AND ALBEMARLE ROAD; IN ALBEMARLE ROAD, BETWEEN GRAVESEND AVE. AND E. 3D ST.; AND IN ALBEMARLE ROAD, BETWEEN GRAVESEND AVE. AND WEST ST.

The Engineer's preliminary estimate of the quantities is as follows:  
No. 1. 321 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$2.65 ..... \$850 65

No. 2. 1,693 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$2 ..... 3,386 00

No. 3. 3,360 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$1.55 ..... 5,208 00

No. 4. 3,304 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 80 cents ..... 2,643 20

No. 5. 45 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, \$50 ..... 2,250 00

No. 6. 10 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 ..... 1,200 00

No. 7. 3,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, \$18 ..... 54 00

No. 8. 9 6-inch house connection drains reconnected, complete, including extra excavation and all incidentals and appurtenances; per reconnection, \$5 ..... 45 00

**\$15,636 85**

The time allowed for the completion of the work and full performance of the contract will be one hundred and twenty (120) working days.

The amount of security required will be Seven Thousand Dollars (\$7,000).

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN E. 18TH ST., BETWEEN AVENUE L AND THE END OF THE EXISTING SEWER BETWEEN AVENUE K AND L, AND AN OUTLET SEWER IN AVENUE L, BETWEEN E. 18TH ST. AND E. 19TH ST.

The Engineer's preliminary estimate of the quantities is as follows:  
265 linear feet of 15-inch pipe sewer laid complete, including all incidentals and appurtenances; per linear foot, \$2.10 ..... \$556 50

739 linear feet of 12-inch pipe sewer, laid complete, including all in-

centinals and appurtenances; per linear foot, \$1.55 .....	1,145 45
1,250 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 85 cents .....	1,062 50
7 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, \$50 .....	350 00
2 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, \$115 ..	230 00
1,500 feet, board measure, of sheet-piling and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, \$18 .....	27 00
	\$3,371 45

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 One Thousand Six Hundred Dollars (\$1,600).

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN CARROLL ST., FROM BEDFORD AVE. TO ROGERS AVE.

The Engineer's preliminary estimate of the quantities is as follows:

93 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$2.85 .....	\$265 05
676 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$1.65 .....	1,115 40
921 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 85 cents .....	782 85
7 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, \$50 .....	350 00
4,000 feet, board measure, of sheet-piling and bracing, driven in place, complete, including all incidentals and appurtenances; per thousand feet, board measure, \$18 .....	72 00
	\$2,585 30

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 One Thousand Three Hundred Dollars (\$1,300).

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN E. 34TH ST., FROM CHURCH AVE. TO SNYDER AVE.

The Engineer's preliminary estimate of the quantities is as follows:

623 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$1.70 .....	\$1,059 10
760 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 85 cents .....	646 00
6 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, \$50 .....	300 00
	\$2,005 10

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 One Thousand Dollars (\$1,000).

No. 5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN ELDERT LANE, FROM GLENMORE AVE. TO PITKIN AVE.

The Engineer's preliminary estimate of the quantities is as follows:

477 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, \$1.40 .....	\$667 80
445 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 75 cents .....	333 75
5 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, \$45 .....	225 00
	\$1,226 55

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 Six Hundred Dollars (\$600).

The foregoing Engineer's preliminary estimates of the total cost for the completed work are to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent. or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage as bid for this contract shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, 215 Montague st., Borough of Brooklyn.

L. H. POUNDS, President. d12,24

See General Instructions to Bidders on the last page, last column of the "City Record."

## DEPARTMENT OF PUBLIC CHARITIES.

### Proposals.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

### BOROUGH OF BROOKLYN AND QUEENS.

#### TO CONTRACTORS.

#### PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

TUESDAY, DECEMBER 30, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF CE-  
MENT WALKS AND STEPS, GRADING AND SEEDING, IRON FENCES AND GATES, DOOR AND WINDOW SCREENS, WEATHER STRIPS, ROOF GARDEN ENCLOSURE AND AWNING SUPPORT FOR CHILDREN'S HOSPITAL, KINGS COUNTY HOSPITAL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is ninety (90) consecutive working days.

The security required will be Twenty-five Hundred Dollars (\$2,500).

Certified check or cash in the sum of One Hundred and Twenty-five Dollars (\$125) must accompany bid.

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of Frank J. Helmle, Architect, 190 Montague st., Borough of Brooklyn, The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner. d17,30

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

### TO CONTRACTORS.

#### PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

MONDAY, DECEMBER 22, 1913.

FOR FURNISHING AND DELIVERING CANNED GOODS, GROCERIES, MILK, DRIED FRUITS, FARINACEOUS FOODS, PROVISIONS, FRESH FRUITS AND VEGETABLES, LAUNDRY SUPPLIES AND FORAGE.

The time for the performance of the contract is during the year 1914.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in the form of money, or certified check upon one of the State or National banks of The City of New York drawn to the order of the Comptroller, or corporate stock or certificates of indebtedness of any nature issued by The City of New York and approved by the Comptroller as of equal value to the security required. Such deposit 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 pound 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, line or item, 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.

A bid sheet must accompany the bid inclosed in the envelope marked "Original."

Blank forms and further information may be obtained at the office of the Storekeeper of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner. d11,22

See General Instructions to Bidders on the last page, last column, of the "City Record."

## NORMAL COLLEGE OF THE CITY OF NEW YORK.

### Notices of Examinations.

NORMAL COLLEGE OF THE CITY OF NEW YORK, PARK AVE. AND 68TH ST.

Examinations for Candidates for Positions on the Eligible List for College Instructors and High School Teachers (For Women Only).

ON TUESDAY AND WEDNESDAY, DECEMBER 30 and 31, 1913, beginning at 9 o'clock in the morning, an examination will be held in the college building for women who wish to gain positions on the eligible list for College Instructors and High School Teachers. The examination will include only the following departments of study:

COLLEGE—Latin and Greek; Natural Science; Education (Pedagogy of Music); Physiology and Hygiene.

HIGH SCHOOL—Natural Science; Physics; History; Music.

A bulletin of information will be sent upon application.

ERNEST C. HUNT, Secretary. n24,d26

## SUPREME COURT—FIRST DEPARTMENT.

### Notice of Appointment.

#### 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 BRADY AVENUE, from Bronx Park East to Radcliff avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court, bearing date the 21st day of November, 1913, and duly entered in the office of the Clerk of the County of New York, at his office in New York, in the Borough of Manhattan, in The City of New York, on the 21st day of November, 1913, a copy of which order was duly filed in the office of the Register of the County of New York, we, E. Mortimer Boyle, Oliver E. Davis and Charles E. Jones, were appointed Commissioners of Estimate for the purpose of making a just and equitable estimate and assessment of the loss and damage, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening and extending the above mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York on the 21st day of November, 1913; and the said Charles E. Jones was appointed Commissioner of Assessment for the purpose of making a just and equitable estimate and assessment of the value of the benefit and advantage of the said streets or avenues so to be opened and extended, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the respective lands, tenements, hereditaments and premises situated within the area of assessment adopted by the Board of Estimate and Apportionment and not required for the purpose of opening and extending the same, but benefited thereby, the said area of assessment being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York on the 21st day of November, 1913, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening and extending the said streets or avenues and affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, with such affidavit or other proof as the owners or claimants may desire, within ten days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 7th day of January, 1914, at 9.30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place as we may appoint, we will hear such owners in relation thereto, and examine the proof of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, City of New York, December 18, 1913.

CHAS. C. MARRIN, FRANCIS P. KENNEY, WILLIAM E. SMITH, Commissioners. d18

JOEL J. SQUIER, Clerk.

the said order thereto attached filed herein in the office of the Clerk of the County of New York on the 21st day of November, 1913, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening and extending the said street or avenue and affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, with such affidavit or other proof as the owners or claimants may desire, within ten days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 9th day of January, 1914, at 3.30 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place as we may appoint, we will hear such owners in relation thereto, and examine the proof of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, City of New York, December 18, 1913.

E. MORTIMER BOYLE, OLIVER E. DAVIS, CHAS. E. JONES, Commissioners. d18

JOEL J. SQUIER, Clerk.

## 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 ADAMS STREET, from Morris Park avenue to the New York, New Haven and Hartford Railroad; MELVILLE STREET, from Morris Park avenue to the New York, New Haven and Hartford Railroad, and VAN BUREN STREET, from Morris Park avenue to the New York, New Haven and Hartford Railroad, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court, bearing date the 21st day of November, 1913, and duly entered in the office of the Clerk of the County of New York, at his office in New York, in the Borough of Manhattan, in The City of New York, on the 21st day of November, 1913, a copy of which order was duly filed in the office of the Register of the County of New York, we, Charles E. Jones, Francis P. Kenney and William E. Smith, were appointed Commissioners of Estimate for the purpose of making a just and equitable estimate and assessment of the loss and damage, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening and extending the above mentioned streets or avenues, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York on the 21st day of November, 1913; and the said Charles C. Marrin was appointed Commissioner of Assessment for the purpose of making a just and equitable estimate and assessment of the value of the benefit and advantage of the said streets or avenues so to be opened and extended, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the respective lands, tenements, hereditaments and premises situated within the area of assessment adopted by the Board of Estimate and Apportionment and not required for the purpose of opening and extending the same, but benefited thereby, the said area of assessment being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York on the 21st day of November, 1913, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening and extending the said streets or avenues and affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, with such affidavit or other proof as the owners or claimants may desire, within ten days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 7th day of January, 1914, at 9.30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place as we may appoint, we will hear such owners in relation thereto, and examine the proof of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, City of New York, December 18, 1913.

CHAS. C. MARRIN, FRANCIS P. KENNEY, WILLIAM E. SMITH, Commissioners. d18

JOEL J. SQUIER, Clerk.

## Filing Bill of Costs.

### FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST ONE HUNDRED AND SIXTY-SIXTH STREET, from Brook avenue to the westerly right of way line of the New York and Harlem Railroad, in the Twenty-third Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the

31st day of December, 1913, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, December 17, 1913.

GEO. F. STIEBELING, MATTHEW C. GRIFFIN, GEORGE A. DEVINE, Commissioners of Estimate; GEO. F. STIEBELING, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d17,29

## Filing of Final Report.

### FIRST DEPARTMENT.

In the matter of the application of the Mayor, Aldermen and Commonality of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening GROTE STREET (although not yet named by proper authority), from East One Hundred and Eighty-second street to Southern boulevard, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward, City of New York.

In re application for damages caused by the closing, discontinuance and abandonment of former KINGSBRIDGE ROAD, from Prospect avenue to Southern boulevard, and from Prospect avenue to Crotona avenue.

NOTICE IS HEREBY GIVEN THAT THE supplemental and amended final report of the Commissioners of Estimate and Assessment in the above entitled matter 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 December, 1913, at 10.30 o'clock in the forenoon of that day; and that the said supplemental and amended final report has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, December 18, 1913.

FRANK D. ARTHUR, HENRY H. SHERMAN, RODERICK J. KENNEDY, Commissioners.

JOEL J. SQUIER, Clerk. d18,23

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST TWO HUNDRED AND TWENTY-SEVENTH STREET, between Laconia avenue and Bronxwood avenue, and EAST TWO HUNDRED AND TWENTY-EIGHTH STREET, between Chapin street (First street) and Laconia avenue, both of said streets being in the Twenty-fourth Ward, Borough of Bronx, 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, 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 22nd day of December, 1913, at 10.30 o'clock in the forenoon of that day; and that the said final reports have been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, December 16, 1913.

N. J. O'CONNELL, J. CARROLL EDWARDS, Commissioners of Estimate; N. J. O'CONNELL, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d16,20

## Filing Preliminary Abstracts.

### 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 EAST ONE HUNDRED AND SEVENTY-FOURTH STREET, from Southern boulevard to West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 5th day of January, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 7th day of January, 1914, 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, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 5th day of January, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 7th day of January, 1914, at 3.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 25th day of January, 1912, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point distant 100 feet northerly from the northerly line of East One Hundred and Seventy-sixth street, the said point being located on a line at right angles to East One Hundred and Seventy-sixth street and passing through a point on its southwesterly side where it is intersected by the prolongation of a line midway between Longfellow avenue and Boone

avenue as these streets are laid out south of East One Hundred and Seventy-fourth street, and running thence eastwardly and parallel with East One Hundred and Seventy-fourth street, as this street is laid out between West Farms road and Bronx River avenue to the intersection with the northwesterly line of Bronx River avenue; thence southwardly at right angles to Bronx River avenue to a point distant 100 feet south-easterly from its southeasterly side; thence generally southwesterly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Bronx River avenue to the intersection with the prolongation of a line midway between East One Hundred and Seventy-second street and East One Hundred and Seventy-third street, as these streets are laid out between Longfellow avenue and Boone avenue; thence westwardly along the said line midway between East One Hundred and Seventy-second street and East One Hundred and Seventy-third street and along the prolongation of the said line to the intersection with a line midway between Southern boulevard and Minford place; thence northwardly along the said line midway between Southern boulevard and Minford place; and along the prolongation of the said line to the intersection with the southeasterly line of Boston road; thence northwesterly at right angles to Boston road to a point distant 100 feet northwesterly from its northwesterly side; thence northwesterly and parallel with Boston road to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Southern boulevard, as this street is laid out at East One Hundred and Seventy-fifth street, the said distance being measured at right angles to Southern boulevard; thence northwardly along the said line parallel with Southern boulevard to the intersection with a line distant 100 feet northwardly from and parallel with the northwesterly line of East One Hundred and Seventy-fifth street, as this street is laid out where it adjoins Boston road, the said distance being measured at right angles to East One Hundred and Seventy-fifth street; thence eastwardly along the said line parallel with East One Hundred and Seventy-fifth street to a point distant 100 feet northwesterly from the northwesterly line of Boston road, the said distance being measured at right angles to Boston road; thence northwesterly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Boston road to the intersection with the prolongation of a line distant 100 feet northwesterly from and parallel with the northwesterly line of East One Hundred and Seventy-sixth street, as this street is laid out where it adjoins Bryant avenue, the said distance being measured at right angles to East One Hundred and Seventy-sixth street; thence southwardly along the said line parallel with East One Hundred and Seventy-sixth street and along the prolongations of the said line to the intersection with the northwesterly line of Longfellow avenue; thence eastwardly in a straight line to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 5th day of January, 1914.

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 19th day of March, 1914, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, December 10, 1913.

JOHN A. ROONEY, Chairman; ELY NEUMANN, GEORGE GLUCKSMAN, Commissioners of Estimate; JOHN A. ROONEY, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d15,j2

#### 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 EAST TWO HUNDRED AND THIRTY-THIRD STREET, from Baychester avenue to Boston road at Hutchinson River, in the Twenty-fourth Ward, Borough of Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned Commissioners of Estimate have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 30th day of December, 1913, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 5th day of January, 1914, at 3 o'clock p. m.

Second—That the undersigned Commissioner of Assessment has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 30th day of December, 1913, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 6th day of January, 1914, at 3 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 1st day of July, 1910, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Ely avenue and Grace avenue, where it is intersected by a line midway between Edenswald

avenue and Strang avenue, and running thence eastwardly along the said line midway between Edenswald avenue and Strang avenue and along the prolongation of the said line to the intersection with the northwesterly boundary line of The City of New York; thence southwardly along the said City boundary line, and along the prolongation of the said line across Hutchinson River to the intersection with the northwesterly 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 northwesterly line of Boston road to the intersection with a line at right angles to Boston road and passing through a point on its northwesterly 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 northwesterly 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 Edenswald 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 Edenswald 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 Edenswald 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.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 5th day of January, 1914.

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 26th day of February, 1914, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, December 3, 1913.

JOHN A. HAWKINS, Chairman; WARREN C. FIELDING, WALTER WILKINS, Commissioners of Estimate; WALTER WILKINS, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d12,30

#### 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 WATERBURY AVENUE, from Westchester avenue to Zerega avenue; of NEWBOLD AVENUE, from Virginia avenue to Zerega avenue; of ELLIS AVENUE, from Virginia avenue to Zerega avenue; of POWELL AVENUE, from Virginia avenue to Zerega avenue, and of GLEASON AVENUE, from Metcalf avenue to Zerega avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned Commissioners of Estimate have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 30th day of December, 1913, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 5th day of January, 1914, at 3 o'clock p. m.

Second—That the undersigned Commissioner of Assessment has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 30th day of December, 1913, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 6th day of January, 1914, at 3 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 12th day of March, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line distant 100 feet northwardly from and parallel with the northwesterly line of Wellington avenue, the said distance being measured at right angles to the line of Wellington avenue, distant 100 feet easterly from the easterly line of Zerega avenue, and running thence southwardly and parallel with Zerega avenue to the intersection with the prolongation of a line midway between Powell avenue and Haviland avenue; thence westwardly along the said line midway between Powell avenue and Haviland avenue, and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Metcalf avenue; thence northwardly and parallel with Metcalf avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Westchester avenue and the northwesterly line of Gleason avenue as these streets are laid out westerly from White Plains road; thence eastwardly along the said bisecting line to the inter-

section with a line distant 100 feet westerly from and parallel with the westerly line of Virginia avenue, the said distance being measured at right angles to the line of Virginia avenue; thence northwardly along the said line parallel with Virginia avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Westchester avenue and the northwesterly line of Newbold avenue, as these streets are laid out between Pugsley avenue and Castle Hill avenue; thence eastwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Castle Hill avenue, the said distance being measured at right angles to the line of Castle Hill avenue; thence northwardly at right angles to Westchester avenue to a point distant 100 feet northwardly from its northwesterly line; thence eastwardly and always parallel with and distant 100 feet from the northwesterly and northwesterly lines of Westchester avenue to the intersection with a line at right angles to Westchester avenue and passing through a point on its southeasterly side, distant 100 feet northwardly from the northwesterly line of Wellington avenue, the said distance being measured at right angles to the line of Wellington avenue; thence southwardly along the said line at right angles to Westchester avenue to its southeasterly side; thence eastwardly and parallel with Wellington avenue and the prolongation thereof to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 30th day of December, 1913.

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 16th day of April, 1914, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, November 28, 1913.

ERNEST HALL, Chairman; JOHN J. MACKIN, FRANZ MARQUARDT, Commissioners of Estimate; ERNEST HALL, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d9,26

#### 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 of ISHAM STREET, from Seaman avenue to Indian road; WEST TWO HUNDRED AND EIGHTEENTH STREET, from Seaman avenue to the bulkhead line of the Harlem River Ship Canal; WEST TWO HUNDRED AND FOURTEENTH STREET, from Park Terrace East to Seaman avenue; PARK TERRACE EAST, from a point 100 feet south of West Two Hundred and Fifteenth street to Isham park, together with the unacquired triangular parcel located on the westerly side and extending from a point 43.36 feet south of West Two Hundred and Eighteenth street to a point 103.64 feet south of West Two Hundred and Eighteenth street; the unacquired portions of INDIAN ROAD, from Isham street to West Two Hundred and Eighteenth street; COLD SPRING ROAD, from Isham street to West Two Hundred and Eighteenth street; WEST TWO HUNDRED AND FIFTEENTH STREET, from Park Terrace West to Indian road; PARK TERRACE WEST, from a point 103 feet 8 1/2 inches north of West Two Hundred and Fifteenth street to a line about 385.23 feet south of the southerly line of West Two Hundred and Fifteenth street; WEST TWO HUNDRED AND FOURTEENTH STREET, from Indian road to Seaman avenue; ISHAM PARK, at the intersection of Indian road and West Two Hundred and Fourteenth street, in the Twelfth Ward, Borough of Manhattan, 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 17th day of November, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 12th day of December, 1913, Daniel P. Hays, Louis F. Doyle and Charles H. Strong, Esqs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order Daniel P. Hays was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statute in such cases made and provided, the said Daniel P. Hays, Louis F. Doyle and Charles H. Strong, 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 December, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in said proceeding as to their qualifications to act as such Commissioners.

Dated New York, December 17, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. d17,29

#### SUPREME COURT—SECOND DEPARTMENT.

#### Hearings on Qualifications.

#### 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, to the lands, tenements and hereditaments required for an easement for sewer purposes in a parcel of land having a width ranging from 20 to 50 feet, located in Kissel avenue and Brighton Boulevard (Kissel avenue) Extended, between Castleton avenue and the pier and bulkhead line, in the First Ward, Borough of Richmond, City of New York, which land is shown on a map bearing the signature of the President of the Borough, dated July 3, 1912, and adopted by the Board

of Estimate and Apportionment on December 12, 1912.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 11th day of December, 1913, and duly entered and filed in the office of the Clerk of the County of Richmond on the 15th day of December, 1913, John Sidney Davenport was appointed a Commissioner of Estimate and Assessment in the place and stead of William S. Van Clief, and James Burke, Jr., was appointed a Commissioner of Estimate and Assessment in the place and stead of Henry P. Morrison.

Notice is further given that, pursuant to the said order, bearing date the 11th day of December, 1913, and duly entered and filed in the office of the Clerk of the County of Richmond on the 15th day of December, 1913, the said John Sidney Davenport and James Burke, Jr., will attend at a Special Term for the hearing of motions, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Brooklyn, in the City of New York, on the 30th day of December, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in the said proceeding as to their qualifications to act as such Commissioners.

Dated Borough of Manhattan, City of New York, December 17, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. d17,29

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the PUBLIC PLACE bounded by Meeker avenue, Monitor street and Bogert avenue, in the Seventeenth Ward in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT CLARENCE W. DONOVAN, THOMAS O'NEIL and DANIEL M. HURLEY were appointed by an order of the Supreme Court made and entered the 29th day of November, 1913, Commissioners of Estimate, and Clarence W. Donovan, Commissioner of Assessment in the above entitled proceeding.

Notice is also given that the above named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 19th day of December, 1913, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, December 8, 1913.

ARCHIBALD R. WATSON, Corporation Counsel. d8,18

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to WEST FOURTH STREET, from Kings Highway to Avenue T; AVENUE S, from Stillwell avenue to Gravesend avenue, excepting the right of way of the New York and Sea Beach Railroad; AVENUE T, from Stillwell avenue to Gravesend avenue, excepting the right of way of the New York and Sea Beach Railroad, in the Thirty-first Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT PETER P. SMITH, JAMES G. REYNOLDS and OWEN F. FINNERTY were appointed by an order of the Supreme Court made and entered the 29th day of November, 1913, Commissioners of Estimate, and Peter P. Smith, Commissioner of Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 19th day of December, 1913, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, December 8, 1913.

ARCHIBALD R. WATSON, Corporation Counsel. d8,18

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to EAST SEVENTH STREET, from Foster avenue to Canal Avenue North, excluding the right of way of the Manhattan Beach Division of the Long Island Railroad, and also excluding a triangular area on the northerly side of the right of way of the railroad with a frontage of 10 feet on the easterly side of East Seventh street, extending from the easterly line of East Seventh street along the railroad right of way for a distance of 50 feet, in the Twenty-ninth, Thirtieth and Thirty-first Wards in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT HECTOR MCG. CURRAN, WILLIAM H. WHITE and RICHARD DIXON were appointed by an order of the Supreme Court, made and entered the 29th day of November, 1913, Commissioners of Estimate, and Hector McG. Curran, Commissioner of Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 19th day of December, 1913, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, December 8, 1913.

ARCHIBALD R. WATSON, Corporation Counsel. d8,18

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to EAST TWENTY-SIXTH STREET, from Canarsie lane to Clarendon road, and from Avenue D to Newkirk avenue; and CANARSIE LANE, from Flatbush avenue to Schenectady avenue,

in the Twenty-ninth Ward in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT ED-  
mund D. Hennessy, Eugene P. Doane and My-  
ron N. Rush were appointed by an order of  
the Supreme Court made and entered the 29th  
day of November, 1913, Commissioners of Es-  
timate and Edmund D. Hennessy, Commissioner  
of Assessment in the above entitled proceeding.  
Notice is also given that the above named  
Commissioners will attend at a Special Term  
for the hearing of motions, appointed to be held  
at the Kings County Court House, in the Bor-  
ough of Brooklyn, The City of New York, on  
the 19th day of December, 1913, on the opening  
of the Court on that day, or as soon thereafter  
as counsel can be heard, and at said time and  
place, or at such other time and place as the  
Court may direct, the said Commissioners may  
be examined under oath as to their qualifications  
to act, and are subject to challenge by any party  
or person interested in this proceeding, as pro-  
vided by section 973 of title 4 of chapter 17 of  
the Charter of The City of New York.

Dated New York, Borough of Brooklyn, De-  
cember 8, 1913.  
ARCHIBALD R. WATSON, Corporation  
Counsel, d8,18

## SECOND DEPARTMENT.

In the matter of the application of The City  
of New York, relative to acquiring title to EVER-  
GREEN AVENUE, from Chaney street to the  
western right of way line of the Long  
Island Railroad, near Granite street, in the  
Twenty-eighth Ward in the Borough of Brook-  
lyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WILL-  
iam M. Russell, Solon Barbanell and James  
E. Burns were appointed by an order of the  
Supreme Court made and entered the 29th day  
of November, 1913, Commissioners of Estimate  
and William M. Russell Commissioner of Assess-  
ment in the above entitled proceeding.

Notice is also given that the above named  
Commissioners will attend at a Special Term  
for the hearing of motions, appointed to be held  
at the Kings County Court House, in the Bor-  
ough of Brooklyn, The City of New York, on  
the 19th day of December, 1913, on the opening  
of the Court on that day, or as soon thereafter  
as counsel can be heard, and at said time and  
place, or at such other time and place as the  
Court may direct, the said Commissioners may  
be examined under oath as to their qualifications  
to act, and are subject to challenge by any party  
or person interested in this proceeding, as pro-  
vided by section 973 of title 4 of chapter 17 of  
the Charter of The City of New York.

Dated New York, Borough of Brooklyn, De-  
cember 8, 1913.  
ARCHIBALD R. WATSON, Corporation  
Counsel, d8,18

## Filing of 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, to  
the lands, tenements and hereditaments re-  
quired for the opening and extending of  
EMMA STREET (although not yet named by  
proper authority), from Flushing avenue to  
William street, in the Second Ward, Borough  
of Queens, City of New York, as amended by  
an order of the Supreme Court, duly made and  
entered in the office of the Clerk of the County  
of Queens on the 16th day of May, 1910, so  
as to conform to the lines of said street as  
shown upon Sections 13 and 16 of the final  
maps of the Borough of Queens, as adopted  
by the Board of Estimate and Apportionment  
on the 21st day of May, 1909, and approved  
by the Mayor on the 4th day of June, 1909.

NOTICE IS HEREBY GIVEN THAT THE  
final report of the Commissioners of Estimate  
and Assessment in the above entitled matter  
will be presented for confirmation to the Su-  
preme Court of the State of New York, Sec-  
ond Department, at a Special 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 23d day of  
December, 1913, at the opening of the Court  
on that day; and that the said final report has  
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 Borough of Manhattan, New York, De-  
cember 16, 1913.  
EDWARD A. MAHER, JR., LEWIS H.  
WOODBURN, Commissioners,  
WALTER C. SHEPPARD, Clerk, d16,20

## SECOND DEPARTMENT.

In the matter of the application of The City  
of New York, relative to acquiring title, wherever  
the same has not been heretofore acquired, to  
the lands and premises required for the open-  
ing and extending of HALSEY STREET (al-  
though not yet named by proper authority),  
from Hallett's Cove to Hell Gate, East River,  
in the First Ward, Borough of Queens, in The  
City of New York, as amended by an order of  
the Supreme Court, duly made and entered  
herein on the 7th day of June, 1909, discontin-  
guishing that portion of Halsey street lying be-  
tween Fulton avenue and Hallett's Cove, East  
River, pursuant to a resolution of the Board  
of Estimate and Apportionment, adopted April  
19, 1907, and by an order of the Supreme  
Court dated the 30th day of September, 1913,  
and entered in the office of the Clerk of the  
County of Queens on the 3d day of October,  
1913, it was ordered that the proceedings so  
far as they relate to the acquisition of title  
to lands and premises and the intended regu-  
lation of Halsey street, between Franklin street  
and Hell Gate, be discontinued.

NOTICE IS HEREBY GIVEN THAT THE  
final supplemental and amended report of the  
Commissioners of Estimate and 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 Special  
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 22d day of December, 1913, at the open-  
ing of the Court on that day; and that the said  
supplemental and amended final report has 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 Borough of Manhattan, New York, De-  
cember 15, 1913.  
HENRY P. TITUS, RUDOLPH L. HORAR,  
Commissioners,  
WALTER C. SHEPPARD, Clerk, d15,19

## Filing Bill of Costs.

## SECOND DEPARTMENT.

In the matter of the application of The City  
of New York, relative to acquiring title in fee,  
wherever the same has not been heretofore  
acquired, to the lands, tenements and heredita-  
ments required for the opening and extending  
of WEST STREET, from Fort Hamilton ave-  
nue to Forty-third street, excluding the right

of way of the Prospect Park and Coney Is-  
land Railroad, and AVENUE F, from Graves-  
end avenue to West street, in the Twenty-  
ninth Ward, Borough of Brooklyn, The City  
of New York.

NOTICE IS HEREBY GIVEN THAT THE  
bill of costs, charges and expenses incurred  
by reason of the proceedings in the above en-  
titled matter will be presented for taxation to one  
of the Justices of the Supreme Court of the  
State of New York, Second Department, at a  
Special Term thereof, to be held at the County  
Court House, in the Borough of Brooklyn, in  
The City of New York, on the 30th day of De-  
cember, 1913, at 10.30 o'clock in the forenoon  
of that day, or as soon thereafter as counsel  
can be heard thereon; and that the said bill of  
costs, charges and expenses has been deposited  
in the office of the Clerk of the County of  
Kings, there to remain for and during the space  
of ten days, as required by law.

Dated Borough of Brooklyn, New York, De-  
cember 16, 1913.  
JAMES GRAY, FRANCIS J. SULLIVAN,  
FRED B. DALZELL, Commissioners of Estimate  
and Assessment,  
EDWARD RIEGELMANN, Clerk, d16,27

## 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 ac-  
quired, to the lands, tenements and heredita-  
ments required for the opening and extending  
of ERASMUS STREET, from Bedford avenue  
to Nostrand avenue, in the Twenty-ninth Ward,  
Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE  
bill of costs, charges and expenses incurred  
by reason of the proceedings in the above en-  
titled matter will be presented for taxation to one  
of the Justices of the Supreme Court of the  
State of New York, Second Department, at a  
Special Term thereof, to be held at the County  
Court House, in the Borough of Brooklyn, in  
The City of New York, on the 30th day of De-  
cember, 1913, at 10.30 o'clock in the fore-  
noon of that day, or as soon thereafter as counsel  
can be heard thereon; and that the said bill of  
costs, charges and expenses has been deposited  
in the office of the Clerk of the County of Kings,  
there to remain for and during the space of ten  
days, as required by law.

Dated Borough of Brooklyn, New York, De-  
cember 15, 1913.  
WILLIAM VAN WYCK, JOHN B. YOUNG,  
EDWARD KELLY, Commissioners of Estimate  
and Assessment,  
EDWARD RIEGELMANN, Clerk, d15,26

## 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 FOSDICK AVENUE, from Otto  
street to Luther place; LUTHER PLACE,  
from FOSDICK AVENUE to Lafayette street; LA-  
FAYETTE STREET, from Otto street to In-  
diana place; TOMPKINS PLACE, from Ed-  
sall avenue to Indiana place, in the 2d 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 Special  
Term thereof to be held for the hearing of mo-  
tions, at the County Court House in the Bor-  
ough of Brooklyn, in The City of New York,  
on the 23d day of December, 1913, at 10 o'clock  
in the forenoon of that day, or as soon there-  
after 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 dur-  
ing the space of ten days, as required by law.

Dated Borough of Manhattan, New York, De-  
cember 16, 1913.  
CHAS. POPE CALDWELL, HARRY R. GEL-  
WICKS, FRANK L. ENTWISLE, Commis-  
sioners of Estimate and Assessment,  
WALTER C. SHEPPARD, Clerk, d10,20

## Filing Preliminary Abstracts.

## SECOND DEPARTMENT.

In the matter of the application of The City  
of New York, relative to acquiring title, wherever  
the same has not been heretofore acquired in  
fee, to the lands and premises required for the  
opening and extending of FOURTH AVENUE,  
from Monroe avenue to Tompkins ave-  
nue, in the First Ward, Borough of Rich-  
mond, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PER-  
sons interested in the above entitled proceed-  
ing, 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 assess-  
ment, and that all persons interested in this pro-  
ceeding, or in any of the lands, tenements and  
hereditaments and premises affected thereby, hav-  
ing any objection thereto, do file their said ob-  
jections in writing, duly verified, with them, at  
their office, Nos. 90 and 92 West Broadway, in the  
Borough of Manhattan, in The City of New York,  
on or before the 30th day of December, 1913, and  
that the said Commissioners will hear parties so  
objecting, and for that purpose will be in at-  
tendance at their said office on the 5th day of  
January, 1914, 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, Nos. 90  
and 92 West Broadway, in the Borough of Man-  
hattan, in The City of New York, on or before  
the 30th day of December, 1913, and that the  
said Commissioner will hear parties so objecting,  
and for that purpose will be in attendance at  
his said office on the 6th day of January, 1914,  
at 3 o'clock p. m.

Third—That the Commissioner of Assessment  
has assessed any or all such lands, tenements  
and hereditaments and premises as are within  
the area of assessment fixed and prescribed as  
the amended area of assessment for benefit by the  
Board of Estimate and Apportionment on the  
14th day of December, 1911, and that the said  
area of assessment includes all those lands,  
tenements and hereditaments and premises situate  
and being in the Borough of Richmond, 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 distant 100 feet northerly from and parallel  
with the northerly line of Fourth avenue, the  
said distance being measured at right angles to  
Fourth avenue, where it is intersected by a line  
always distant 100 feet westerly from and parallel  
with the westerly line of Jersey avenue, the  
said distance being measured at right angles to  
Jersey avenue, and running thence eastwardly  
along the said line parallel with Fourth avenue  
and along the prolongation of the said line to  
a point distant 100 feet westerly from the west-  
erly line of Westervelt avenue as laid out ad-  
joining Fourth avenue, the said distance being  
measured at right angles to the line of Westervelt  
avenue; thence northwardly along a line  
at right angles to Fourth avenue to the inter-  
section with the prolongation of a line always  
distant 280 feet northerly from and parallel with  
the northerly line of Fourth avenue as this  
street is laid out easterly from Westervelt ave-  
nue, the said distance being measured at right  
angles to the line of Fourth avenue; thence  
eastwardly along the said line parallel with  
Fourth avenue and along the prolongation of  
the said line to a point distant 100 feet easterly  
from the easterly line of Tompkins avenue, the  
said distance being measured at right angles to  
Tompkins avenue; thence southwardly and al-  
ways distant 100 feet easterly from and parallel  
with the easterly line of Tompkins avenue to the  
intersection with the prolongation of a line  
always distant 325 feet southerly from and  
parallel with the southerly line of Fourth ave-  
nue as this street is laid out easterly from  
Westervelt avenue, the said distance being mea-  
sured at right angles to the line of Fourth ave-  
nue; thence westwardly along the said line paral-  
lel with Fourth avenue to a point distant 100  
feet westerly from the westerly line of Westervelt  
avenue, the said distance being measured at  
right angles to Westervelt avenue; thence  
northwardly along a line always distant 100  
feet westerly from and parallel with Westervelt  
avenue to a point distant 100 feet southerly  
from the southerly line of Fourth avenue, the  
said distance being measured at right angles to  
Fourth avenue; thence westwardly along a line  
always distant 100 feet southerly from and  
parallel with the southerly line of Fourth ave-  
nue and the prolongation thereof to the inter-  
section with a line parallel with Jersey avenue  
and passing through the point of beginning;  
thence, northwardly along the said line parallel  
with Jersey avenue to the point or place of  
beginning.

Fourth—That the abstracts of said supple-  
mental and amended estimate of damage and of  
said assessment for benefit, together with the  
damage and benefit maps, and also all the affida-  
vits, estimates, proofs and other documents used  
by the Commissioners of Estimate and by the  
Commissioner of Assessment in making the same,  
have been deposited in the Bureau of Street  
Openings in the Law Department of The City  
of New York, Nos. 90 and 92 West Broadway,  
in the Borough of Manhattan, in said City, there  
to remain until the 5th day of January, 1914.

Fifth—That, provided there be no objections  
filed to either of said supplemental and amended  
abstracts, the supplemental and amended 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, Sec-  
ond Department, at a Special Term thereof for  
the hearing of motions, to be held in the County  
Court House in the Borough of Brooklyn, in  
The City of New York, on the 17th day of Feb-  
ruary, 1914, at the opening of the Court on  
that day.

Sixth—In case, however, objections are filed to  
the foregoing supplemental and amended ab-  
stracts of estimate and assessment, or to either  
of them, the motion to confirm the supplemental  
and amended reports as to awards and as to  
assessments shall stand adjourned to the date  
to be hereafter specified in the notice provided  
in such cases to be given in relation to filing  
the final reports, pursuant to sections 981 and  
984 of the Greater New York Charter, as amended  
by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, De-  
cember 12, 1913.  
ERNEST M. GARBE, Chairman; BERNARD  
MULLIN, E. STEWART TAXTER, Commis-  
sioners of Estimate; E. STEWART TAXTER,  
Commissioner of Assessment,  
JOEL J. SQUIER, Clerk, d18,30

## SECOND DEPARTMENT.

In the matter of the application of The City  
of New York relative to acquiring title, wherever  
the same has not been heretofore acquired for  
the same purpose in fee, to the lands, tenements  
and hereditaments required for the opening and  
extending of WEST NINETEENTH STREET,  
from Neptune avenue to Surf avenue, except-  
ing the right of way of the New York and  
Coney Island Railroad, and of WEST TWEN-  
TIETH STREET, from Neptune avenue to  
Surf avenue, excepting the right of way of  
the New York and Coney Island Railroad, in  
the Thirty-first Ward, Borough of Brooklyn,  
The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PER-  
sons interested in the above entitled proceed-  
ing, 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 dam-  
age and assessment for benefit, and that all persons  
interested in this proceeding, or in any of the lands,  
tenements and hereditaments and premises affected  
thereby, having any objection thereto, do file their  
said objections in writing, duly verified, with them  
at their office, No. 166 Montague street, in the  
Borough of Brooklyn, in The City of New York,  
on or before the 31st day of December, 1913,  
and that the said Commissioners will hear parties  
so objecting, and for that purpose will be in at-  
tendance at their said office on the 5th day of  
January, 1914, at 10.30 o'clock a. m.

Second—That the undersigned Commissioner  
of Assessment has completed his estimate of benefit  
and that all persons interested in this proceeding,  
or in any of the lands, tenements and heredita-  
ments and premises affected thereby, having any  
objection thereto, do file their said objections in  
writing, duly verified, with him at his office,  
No. 166 Montague street, in the Borough of  
Brooklyn, in The City of New York, on or be-  
fore the 31st day of December, 1913, and that  
the said Commissioner will hear parties to ob-  
jecting, and for that purpose will be in at-  
tendance at his said office on the 6th day of Janu-  
ary, 1914, at 10.30 o'clock a. m.

Third—That the Commissioner of Assessment  
has assessed any or all such lands, tenements  
and hereditaments and premises as are within  
the area of assessment fixed and prescribed as  
the area of assessment for benefit by the Board  
of Estimate and Apportionment on the 16th day  
of May, 1912, and that the said area of assess-  
ment 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:

Bounded on the north by a line distant 100  
feet northerly from and parallel with the north-  
erly line of Neptune avenue, the said distance

being measured at right angles to Neptune ave-  
nue; on the east by a line midway between West  
Seventeenth street and West Nineteenth street,  
and by the prolongation of the said line; on the  
south by a line always distant 100 feet south-  
erly from and parallel with the southerly line of  
Surf avenue, the said distance being measured at  
right angles to Surf avenue, and on the west side  
by a line midway between West Twentieth street  
and West Twenty-first street, and by the pro-  
longation of the said line.

Fourth—That the abstracts of said estimate of  
damage and of said assessment for benefit, to-  
gether 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 mak-  
ing the same, have been deposited in the  
Bureau of Street Openings in the Law Depart-  
ment of The City of New York, No. 166 Mon-  
tague street, in the Borough of Brooklyn, in  
said City, there to remain until the 10th day of  
January, 1914.

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 Su-  
preme Court of the State of New York, Sec-  
ond Department, at a Special Term thereof, to be  
held in the County Court House in the Borough  
of Brooklyn, in The City of New York, on the  
18th day of February, 1914, at the opening of  
the Court on that day.

Sixth—In case, however, objections are filed to  
the foregoing abstracts of estimate and assess-  
ment, or to either of them, the motion to  
confirm the reports as to awards and as to assess-  
ments shall stand adjourned to the date to  
be hereafter specified in the notice provided in  
such cases to be given in relation to filing the  
final reports, pursuant to sections 981 and 984  
of the Greater New York Charter, as amended  
by chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, De-  
cember 11, 1913.

JOHN F. COFFIN, MIRABEAU C. TOWNS,  
DANIEL MCLEARY, Commissioners of Es-  
timate; JOHN F. COFFIN, Commissioner of As-  
sessment,  
EDWARD RIEGELMANN, Clerk, d11,29

## SECOND DEPARTMENT.

In the matter of the application of The City  
of New York relative to acquiring title, wherever  
the same has not been heretofore acquired for  
the same purpose in fee, to the lands, tenements  
and hereditaments required for the opening and  
extending of DITMARS AVENUE, from  
Forty-third street to Astoria avenue, and  
FORTY-THIRD STREET, from Ditmars ave-  
nue to the bulkhead line of Flushing Bay, in  
the Second Ward, Borough of Queens, City of  
New York.

NOTICE IS HEREBY GIVEN TO ALL PER-  
sons interested in the above entitled proceed-  
ing, 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 heredita-  
ments 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 26th  
day of December, 1913, and that the said Com-  
missioners will hear parties so objecting, and for  
that purpose will be in attendance at their said  
office on the 30th day of December, 1913, at  
2.30 o'clock p. m.

Second—That the undersigned Commissioner  
of Assessment has completed his estimate of  
benefit and that all persons interested in this  
proceeding, or in any of the lands, tenements  
and hereditaments and premises affected thereby,  
having any objection thereto, do file their said  
objections in writing, duly verified, with him  
at his office in the Municipal Building, Court  
House square, Long Island City, in the Bor-  
ough of Queens, in The City of New York, on  
or before the 26th day of December, 1913, and  
that the said Commissioner will hear parties so  
objecting, and for that purpose will be in at-  
tendance at his said office on the 31st day of  
December, 1913, at 2.30 o'clock p. m.

Third—That the Commissioner of Assessment  
has assessed any or all such lands, tenements  
and hereditaments and premises as are within the  
area of assessment fixed and prescribed as the area  
of assessment for benefit by the Board of Estimate  
and Apportionment on the 6th day of April, 1911,  
and that the said area of assessment includes all  
those lands, tenements and hereditaments and  
premises situate and being in the Borough of  
Queens, in The City of New York, which, taken  
together, are bounded and described as follows,  
viz:

Beginning at a point on the bulkhead line of  
Flushing Bay, distant 360 feet northwesterly from  
the intersection of the said line with the north-  
westerly line of Forty-third street, and running  
thence southeastwardly along the said bulkhead  
line to the intersection with a line midway be-  
tween Fifty-fourth street and Fifty-fifth street,  
as these streets are laid out where they adjoin  
Berrian avenue; thence southwardly along the  
said line midway between Fifty-fourth street  
and Fifty-fifth street and along the prolongation  
of the said line to a point distant 100 feet east-  
erly from the easterly line of Fifty-fifth street,  
as this street is laid out south of Astoria avenue,  
the said distance being measured at right angles  
to Fifty-fourth street; thence southwardly and  
parallel with Fifty-fourth street to the intersec-  
tion with a line bisecting the angle formed by the  
intersection of the prolongations of the southerly  
line of Astoria avenue and the northerly line of  
Jackson avenue, as these streets are laid out  
between Fifty-fourth street and Fifty-fifth street;  
thence westwardly along the said bisecting line  
to the intersection with a line midway between  
Forty-ninth street and Fiftieth street; thence  
northwardly along the said line midway between  
Forty-ninth street and Fiftieth street to a point  
distant 100 feet southerly from the southerly line  
of Astoria avenue, the said distance being mea-  
sured at right angles to Astoria avenue; thence  
westwardly and always distant 100 feet southerly  
from and parallel with the southerly line of As-  
toria avenue to the intersection with the prolon-  
gation of a line midway between Forty-seventh  
street and Forty-eighth street, as these streets are  
laid out between Jackson avenue and Hayes ave-  
nue; thence northwardly along the said prolonga-  
tion of a line midway between Forty-seventh  
street and Forty-eighth street to the intersection  
with a line midway between Bay Third street  
and Bay Fourth street, as these streets are in  
use and commonly recognized; thence northwest-  
wardly along a line always midway between Bay  
Third street and Bay Fourth street, and the pro-  
longations thereof, to the intersection with a  
line distant 1,000 feet southwesterly from and  
parallel with the southwesterly line of Ditmars  
avenue, as this street is laid out northwesterly  
from and adjoining Schurz avenue, the said dis-  
tance being measured at right angles to Ditmars  
avenue; thence northwestwardly along the said  
line parallel with Ditmars avenue and along the

prolongation of the said line to the intersection with the prolongation of a line parallel with Forty-third street, as this street is laid out north-east of Dimars avenue and passing through the point of beginning; thence north-eastwardly along the said line parallel with Forty-third street to the point of 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 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 30th day of December, 1913.

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 6th day of March, 1914, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, November 28, 1913.

JOSEPH W. GOODWIN, WILLIAM H. WADE, Commissioners of Estimate; JOSEPH W. GOODWIN, Commissioner of Assessment.  
WALTER C. SHEPPARD, Clerk. d5,22

### SUPREME COURT—THIRD JUDICIAL DISTRICT.

#### Application for Appointment of Commissioners.

##### THIRD JUDICIAL DISTRICT.

In the matter of the application of Charles Strauss, Charles N. Chadwick and John F. Galvin, constituting the Board of Water Supply of the City of New York, to acquire real estate for and on behalf of The City of New York, under chapter 724 of the Laws of 1905 and the acts amendatory thereof, in the Towns of Olive and Hurley, County of Ulster, New York, for the purpose of providing an additional supply of pure and wholesome water for the use of The City of New York.

ASHOKAN RESERVOIR, RAILROAD SECTION No. 5.

Notice of Application for the Appointment of Commissioners of Appraisal.

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 of Appraisal, under chapter 724 of the Laws of 1905 and the acts amendatory thereof.

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 3rd day of January, 1914, at 10 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 appointing 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 in which the real estate hereinafter described is situated, as Commissioners of Appraisal, to ascertain and appraise the compensation to be made to the owners of and persons interested in the real estate, and discharge the duties required by said act and the acts amendatory thereof.

The real estate taken or affected is situated in the Towns of Olive and Hurley, County of Ulster, New York.

The real estate sought to be acquired under these proceedings, which is situated in the Towns of Olive and Hurley, County of Ulster and State of New York, is all the real estate formerly owned or occupied by the Ulster & Delaware Railroad Company from the easterly boundary of the Ashokan reservoir taking at West Hurley to a point near the old Boiceville station; the possession of which is required by reason of the construction of the Ashokan reservoir, and is shown on a map entitled: "Board of Water Supply of the City of New York. Map of real estate right of way of Ulster and Delaware Railroad Co. from Stony Hollow to Boiceville, situated in the Towns of Hurley and Olive, County of Ulster and State of New York, to be acquired by The City of New York, under the provisions of chapter 724 of the Laws of 1905, as amended, for the construction of Ashokan reservoir and appurtenances," which map was prepared by the Board of Water Supply on August 5, 1913, and adopted by the Board of Estimate and Apportionment on August 28, 1913, and is bounded and described as follows:

All that portion of real estate formerly occupied by the Ulster and Delaware Railroad, situated in the Towns of Hurley and Olive, and which lies between the real estate sections heretofore acquired by The City of New York for the construction of the Ashokan reservoir and its appurtenances, shown on the above entitled map as Parcels 927 to 1007, inclusive, and more particularly described as follows:

Beginning at a point in the northerly bounds of the Ulster & Delaware Railroad, as located prior to June 15, 1913, which point is in the centre of the old Vandale road (now a part of the substituted highways around the Ashokan reservoir), and is the southwest corner of Parcel No. 827 of Section 17 of the Ashokan reservoir taking, and running thence along the northerly bounds of the right of way north 83 degrees 09 minutes east 60.9 feet to the northeast corner of Parcel No. 1007; thence south 6 degrees 51 minutes east 66 feet across the right of way, being the easterly limit of the taking and the easterly bounds of Parcel No. 1007; thence south 83 degrees 09 minutes west 47.4 feet to a point in the centre of the highway; thence south 36 degrees 21 minutes east 72 feet; thence south 83 degrees 09 minutes west 311 feet; thence north 39 degrees 03 minutes east 63.5 feet to the southeast corner of Parcel No. 1004; thence south 83 degrees 09 minutes west 908.5 feet to the right along Parcels 1004 and 1003 988.5 feet; thence north 39 degrees 33 minutes west 64.2 feet; thence on a curve with a radius of 1,370 feet to the left 1,035.6 feet along Parcels 1003, 1002 and 1001; thence north 82 degrees 52 minutes west 416.3 feet; thence south 7 degrees 08 minutes west 42 feet; thence north 82 degrees 52 minutes west 1,880.6 feet along Parcels Nos. 1001 and 999; thence north 7 degrees 08 minutes east 42 feet; thence north 82

degrees 52 minutes west 3,433.9 feet along Parcels Nos. 999, 998 and 997; thence on a curve with a radius of 11,426 feet to the left 409.2 feet; thence north 84 degrees 55 minutes west 1,326.7 feet along Parcels Nos. 997 to 994, inclusive; thence on a curve with a radius of 1,113.6 feet to the left 772.2 feet; thence south 55 degrees 19 minutes west 457.1 feet along Parcels Nos. 994 and 993; thence south 63 degrees 30 minutes west 109.3 feet; thence south 48 degrees 39 minutes west 133.2 feet along Parcels Nos. 993 and 992; thence south 55 degrees 19 minutes west 707.4 feet; thence on a curve with a radius of 2,898 feet to the right 1,074.2 feet along Parcels Nos. 992, 991 and 990; thence south 76 degrees 33 minutes west 3,286.3 feet along Parcels Nos. 990 to 986, inclusive; thence south 71 degrees 31 minutes west 349.1 feet; thence south 64 degrees 27 minutes west 801.4 feet; thence south 48 degrees 15 minutes west 47.3 feet; thence north 67 degrees 44 minutes west 193.1 feet to a point in the southerly boundary of the right of way; thence on a curve with a radius of 5,697 feet to the left 1,281.6 feet; thence south 52 degrees 28 minutes west 10,817.9 feet along Parcels Nos. 985 to 972, inclusive (crossing the town line between the Towns of Hurley and Olive, between Parcels Nos. 973 and 974); thence on a curve with a radius of 2,832 feet to the left 1,455.6 feet along Parcels Nos. 972, 971 and 970; thence south 22 degrees 59 minutes west 761.4 feet; thence on a curve with a radius of 1,943 feet to the right 1,061.5 feet; thence on a curve with a radius of 2,325 feet to the right 1,014.4 feet along Parcels Nos. 970 and 969; thence on a curve with a radius of 5,763 feet to the right 84.9 feet; thence south 54 degrees 20 minutes east 92.9 feet; thence on a curve with a radius of 5,830 feet to the right 687.3 feet; thence south 41 degrees 10 minutes west 130.8 feet; thence north 59 degrees 33 minutes west 52.1 feet; thence north 41 degrees 10 minutes east 181.7 feet to the southerly boundary of the right of way; thence on a curve with a radius of 5,763 feet to the right 200.2 feet; thence south 88 degrees 17 minutes west 1,518 feet along Parcels Nos. 968 and 967; thence on a curve with a radius of 1,943 feet to the right 612.5 feet along Parcels Nos. 967 and 966; thence north 73 degrees 39 minutes west 1,179.3 feet along Parcels Nos. 966 and 964 to the easterly bounds of Parcel No. 965; thence south 9 degrees 51 minutes west 373 feet to the southeast corner of Parcel No. 965; thence north 70 degrees 03 minutes west 276.9 feet to the southwest corner of said parcel; thence north 10 degrees 33 minutes east 355 feet to the southerly bounds of the right of way; thence north 73 degrees 39 minutes west 1,329.3 feet along Parcels Nos. 964, 963 and 962; thence on a curve with a radius of 1,670 feet to the right 1,138.1 feet; thence north 34 degrees 35 minutes west 315.8 feet along Parcels Nos. 962 and 961; thence on a curve with a radius of 1,943 feet to the right 372.9 feet; thence on a curve with a radius of 1,400 feet to the left 214.4 feet; thence on a curve with a radius of 1,113.6 feet to the left 631.2 feet along Parcels Nos. 961 and 960; thence north 64 degrees 54 minutes west 617 feet; thence on a curve with a radius of 1,009 feet to the left 863.1 feet along Parcels Nos. 960 and 959; thence south 66 degrees 08 minutes west 92 feet; thence on a curve with a radius of 1,466 feet to the right 139.9 feet to the easterly line of Parcel No. 958; thence along said easterly line south 45 degrees 10 minutes west 308.6 feet; thence north 44 degrees 53 minutes west 33 feet; thence north 45 degrees 10 minutes east 246 feet to the southerly bounds of the right of way; thence on a curve with a radius of 1,466 feet to the right 395.9 feet; thence south 89 degrees 48 minutes 30 seconds west 2,338.7 feet along Parcels Nos. 957 to 954, inclusive; thence on a curve with a radius of 1,179 feet to the right 669.1 feet along Parcels Nos. 954 and 953; thence on a curve with a radius of 4,617 feet to the right 2,728.9 feet along Parcels Nos. 953, 952 and 951; thence north 23 degrees 49 minutes 15 seconds west 1,794.8 feet along Parcels Nos. 951, 950 and 949; thence south 77 degrees 51 minutes west 102.2 feet to the southwest corner of Parcel No. 948; thence north 23 degrees 49 minutes 15 seconds west 2,951.3 feet along Parcels Nos. 948 and 947 to a point in the centre of Bushkill Creek; thence south 84 degrees 35 minutes east 114.5 feet to the westerly line of the right of way; thence north 23 degrees 49 minutes 15 seconds west 5,073.5 feet along Parcels Nos. 946 to 943, inclusive; thence on a curve with a radius of 2,325 feet to the right 1,133 feet along Parcels Nos. 943, 942 and 941; thence north 4 degrees 06 minutes east 2,937.2 feet along Parcels Nos. 941, 940, 939 and 937 to the most northerly corner of Parcel No. 937, which point is where the westerly side of the easement for the railroad meets the westerly bounds of the Ulster & Delaware Railroad Company's property near what was formerly the Boiceville station; thence southerly along the westerly side of said easement on a curve with a radius of 3,324.2 feet to the left 453.5 feet; thence south 39 degrees 30 minutes west 8 feet to the southwest corner of Parcel No. 938, a point 33 feet easterly from the centre line of the Ulster & Delaware Railroad; thence south 4 degrees 06 minutes west 2,487.4 feet along Parcels Nos. 937, 936, 935 and 941; thence on a curve with a radius of 2,259 feet to the left 1,100.8 feet along Parcels Nos. 941, 942 and 943; thence south 23 degrees 49 minutes 15 seconds east 9,784.5 feet along Parcels Nos. 943 to 951, inclusive; thence on a curve with a radius of 4,551 feet to the left 1,049.5 feet along Parcels Nos. 951 and 952 to the westerly line of Parcel No. 953; thence along said westerly line north 5 degrees 18 minutes east 230.7 feet; thence on a curve with a radius of 4,434 feet to the left 1,794.4 feet; thence on a curve with a radius of 996 feet to the left 195 feet to the northerly line of Parcel No. 954; thence north 87 degrees 07 minutes east 305.8 feet; thence south 16 degrees 35 minutes east 41 feet; thence north 82 degrees 15 minutes east 137.1 feet; thence south 36 degrees 0 minutes east 230.3 feet; thence north 89 degrees 48 minutes 30 seconds east crossing the Esopus Creek 2,118.4 feet along Parcels Nos. 955, 956 and 957; thence on a curve with a radius of 1,400 feet to the left 469.1 feet to the westerly line of Parcel No. 958; thence north 4 degrees 34 minutes east 40.2 feet; thence north 18 degrees 35 minutes east 112.7 feet to the most northerly point of Parcel No. 958; thence south 70 degrees 51 minutes east 33 feet; thence south 18 degrees 35 minutes west 112.2 feet; thence south 4 degrees 34 minutes west 17.6 feet to the northerly bounds of the right of way; thence on a curve with a radius of 1,400 feet to the left 75 feet; thence north 66 degrees 08 minutes east 92 feet; thence on a curve with a radius of 1,075 feet to the right 919.4 feet along Parcels Nos. 959 and 960; thence south 64 degrees 54 minutes east 617 feet; thence on a curve with a radius of 1,179 feet to the right 668.9 feet along Parcels Nos. 960 and 961; thence on a curve with a radius of 1,360.1 feet; thence south 34 degrees 35 minutes east 315.8 feet along Parcels Nos. 961 and 962; thence on a curve with a radius of 1,604 feet to the left 1,093.1 feet; thence south 73 degrees 39 minutes east 2,779.6 feet along Parcels Nos. 962, 963, 964 and 966; thence on a curve with a radius of 1,877 feet to the left 259.4 feet to the westerly line of Parcel No. 967; thence along said westerly line north 21 degrees 15 minutes east 145.1 feet; thence north 87 degrees 30 min-

utes east 342 feet; thence south 7 degrees 0 minutes east 95 feet; thence south 40 degrees 0 minutes east 97 feet to the northerly line of the right of way; thence north 88 degrees 17 minutes east 1,500.3 feet along Parcels Nos. 967 and 968; thence on a curve with a radius of 5,697 feet to the left 894.9 feet along Parcels Nos. 968 and 969; thence on a curve with a radius of 2,259 feet to the left 986 feet along Parcels Nos. 969 and 970; thence on a curve with a radius of 1,877 feet to the left 1,025.5 feet; thence north 22 degrees 59 minutes east 761.4 feet; thence on a curve with a radius of 2,898 feet to the right 1,489.6 feet along Parcels Nos. 970, 971 and 972; thence north 52 degrees 28 minutes east 10,817.9 feet along Parcels Nos. 972 to 985, inclusive, crossing the line between the Towns of Hurley and Olive, between Parcels Nos. 973 and 974; thence on a curve with a radius of 5,763 feet to the right 2,423.4 feet; thence north 76 degrees 33 minutes east 3,508.9 feet along Parcels Nos. 985 to 990, inclusive; thence on a curve with a radius of 2,832 feet to the left 1,049.5 feet along Parcels Nos. 990, 991 and 992; thence north 55 degrees 19 minutes east 1,405 feet along Parcels Nos. 992, 993 and 994; thence on a curve with a radius of 1,179 feet to the right 818.2 feet; thence south 84 degrees 55 minutes east 1,326.7 feet along Parcels Nos. 994 to 997, inclusive; thence on a curve with a radius of 11,492 feet to the right 411.6 feet; thence south 82 degrees 52 minutes east 416.3 feet along Parcels Nos. 997, 998 and 999; thence north 7 degrees 08 minutes east 42 feet; thence south 82 degrees 52 minutes east 352.9 feet to the southwest corner of Parcel No. 1000; thence along the westerly line of said parcel north 25 degrees 02 minutes west 59.3 feet; thence south 82 degrees 52 minutes east 1,187.2 feet; thence south 11 degrees 16 minutes west 50.2 feet to the northerly line of Parcel No. 1001; thence along said northerly line south 82 degrees 52 minutes east 376.4 feet; thence south 7 degrees 08 minutes west 42 feet to a point in the northerly line of the right of way; thence south 82 degrees 52 minutes east 416.3 feet; thence on a curve with a radius of 1,436 feet to the right 1,085.5 feet along Parcels Nos. 1001, 1002 and 1003; thence south 39 degrees 33 minutes east 64.2 feet; thence on a curve with a radius of 922.4 feet to the left 922.5 feet along the northerly bounds of Parcels Nos. 1003 and 1004; thence north 83 degrees 09 minutes east 972 feet to the westerly bounds of Parcel No. 1006; thence along said westerly line north 11 degrees 09 minutes east 104 feet; thence north 17 degrees 38 minutes east 198.1 feet; thence south 65 degrees 53 minutes east 59.5 feet; thence south 4 degrees 37 minutes west 183.5 feet; thence south 22 degrees 57 minutes east 71.6 feet to a point in the northerly bounds of the right of way; thence north 83 degrees 09 minutes east 15 feet to the point or place of beginning.

The fee is to be acquired by The City of New York in all the real estate, Parcels 937 to 1007, both inclusive, contained in the above described parcels.

Reference is hereby made to the said map filed as aforesaid in the office of the Clerk of the County of Ulster for a more detailed description of the real estate to be taken in fee as above described.

Dated November 7, 1913.  
ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n21,j3

#### NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of the City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of \$50, the sum of \$50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstance of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer

in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless, The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beams, 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 nature and extent of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately. The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

Bidders will write out the amount of their bids or estimates in addition to inserting the same in figures.

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel can be obtained upon application the eor 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