

THE CITY RECORD.

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HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
NEW YORK, June 11, 1889.

The Board met pursuant to adjournment.
Present—Commissioners Charles G. Wilson, Joseph D. Bryant, and The Health Officer of the Port.

The minutes of the last meeting were read and approved.
The Attorney and Counsel presented the following reports:

Weekly report of suits commenced and discontinued, judgments obtained and costs collected.

Orders received for prosecution.....	200
Attorneys' notices issued.....	320
Nuisances abated before suit.....	162
Civil suits commenced for violation of ordinances (Sanitary Code).....	42
Nuisances abated after commencement of suit.....	31
Suits discontinued—by Board.....	42
Judgments for the Department—Civil suits.....	9
Judgments for the Defendant—civil suits.....	1
Executions issued.....	4
Judgments for the people—criminal suits.....	12
Judgments for the defendant—criminal suits.....	1
Civil suits now pending.....	271
Criminal suits now pending.....	152
Money paid into the Court—Criminal suits.....	\$250

Weekly report of cases wherein nuisances have been abated and recommendations that actions be discontinued.

On motion, it was

Resolved, That the actions against the following-named persons for violations of the Sanitary Code be discontinued without costs, to wit:

NAMES.	NO.	NAMES.	NO.
Edwin Childs.....	359	John Derr.....	247
Ellen Hardy.....	2843	Henry H. Edwards.....	249
James B. Brady.....	3043	Bernard Gross.....	254
Henry Greenberg.....	3492	Herman Lowenthal.....	254
George F. Martin.....	3590	James Mahoney.....	255
John P. Meyer.....	3594	Isaac Marx.....	256
Martin Byrnes.....	9	Henry McArdle.....	258
Thomas Lyons.....	102	John J. MacDonald.....	259
Ernest Otto.....	153	Richard Scott.....	274
Mary Miller.....	193	John Vanopstal.....	278
John J. Clancy.....	206	George W. Watson.....	279
Henry Moller.....	225	Jeannette Weil.....	281
Mary Quinn.....	228	Max J. Breitenbach.....	282
Nicholas Stio.....	233	Adolph Sohst.....	283
George Yostpil.....	240	William J. Underwood.....	320
David H. King, Jr.....	241		

The Attorney, to whom was referred application to record, pursuant to section 607, N. Y. City Consolidation Act, birth of William D. Bullard, born March 22, 1872, made a report recommending that the application be denied.

Report approved and application denied.

A communication, with letter from the Society for the Prevention of Cruelty to Children, objecting to form of certificates issued to them by this Department.

Referred to Attorney and Counsel for opinion as to the action proper to be taken by the Board.

The Sanitary Committee Presented the following Reports:

Weekly report from Riverside Hospital (small-pox).

Weekly report from Riverside Hospital (fevers).

Weekly report from Reception Hospital.

Weekly report from Willard Parker Hospital.

Report on changes in the Hospital Service.

Resolved, That the following changes in the Hospital Service be and are hereby approved:

NAMES.	POSITION.	SALARY.	APPOINTED. RESIGNED.	DATE.
Annie Coffin.....	Cook.....	\$251 00	Resigned.....	June 5, 1889.
Julia More.....	"	168 00	Transferred.....	" 7, "
Maggie Curran.....	Laundress.....	168 00	Appointed.....	" 8, "

The Finance Committee presented the following bills, which were approved and ordered forwarded to the Comptroller for payment:

NAMES.	AMOUNT.	NAMES.	AMOUNT.
Eugene G. Blackford.....	\$34 97	P. Rockwell.....	\$129 77
Park & Tilford.....	140 13	C. Golderman.....	396 01
C. R. Woodworth Son & Co.....	150 00	P. Henderson & Co.....	3 60
A. Goodwin.....	603 48	Offerman & Heissenbutel.....	262 50
Ridgewood Ice Co.....	36 00	H. Y. Canfield.....	191 31
Knickerbocker Ice Co.....	55 20		

The following Communications were Received from the Sanitary Superintendent:

Weekly report of the Sanitary Superintendent.

Weekly report of the Chief Sanitary Inspector.

Weekly report of the Chemist and Assistant Chemist.

Weekly report of work performed by the Inspectors of Offensive Trades.

Weekly report on manure dumps.

Weekly reports on condition of offal and night-soil boats.

Weekly reports on condition of slaughter-houses.

Monthly reports of charitable institutions.

Reports on applications for permits.

Reports on applications for relief from orders.

Report of Inspector Decker, with communication from Assistant Sanitary Superintendent Janes in reference to premises No. 1192 Fulton avenue.

The following Communications were Received from the Chief Inspector of Contagious Diseases:

Weekly report of work performed by the Division of Contagious Diseases.

Weekly report of work performed by the Veterinarian.

Report on dismissal of Philip N. Metz.

Report on employment of laborers on Disinfecting Corps.

Report on Inspector Morris on Primary School No. 42 in East Eighty-eighth street.

The following Communications were Received from the Register of Records:

Weekly letters.

Weekly abstracts of births.

Weekly abstracts of still-births.

Weekly abstract of marriages.

Weekly mortuary statement.

Weekly abstract of deaths from contagious diseases.

Weekly report of clerks.

Reports on delayed births and marriage returns.

Reports on applications to file supplemental papers.

Report of Register upon necessity of binding the birth, marriage and death certificates.

Referred to President, with power.

Report submitting defective marriage return of N. F. Hurd, married May 24, 1889 (not containing names of witnesses). Referred to Attorney.

Orders Suspended, Extended, Modified, Rescinded or Referred.

NO. OF ORDER.	ON PREMISES AT	TIME EXTENDED TO	REMARKS.
3322	No. 102 West Forty-fourth street.....	.....	Rescinded.
3542	East side Broadway, three houses south of One Hundred and Thirty-second street.....	July 15, 1889	Provided the privy vaults are emptied and disinfected at once.
3778	Southeast corner Courtland avenue and One Hundred and Sixty-second street.....	Nov. 1, "	Modified not to require replacing woodwork, provided the same be kept clean, and the open joint between leader and iron pipe properly closed.
4611	Nos. 212 and 214 East Eighty-fifth street.....	July 1, "	For new iron waste-pipe, provided that new traps be provided beneath the several sinks.
7228	No. 84 Chrystie street.....	.....	For balance of order, provided wash-trays are provided with traps, and branch pipes between sinks and main iron waste-pipe made tight at once.
7408	No. 81 Columbia street.....	Aug. 1, 1889	Modified to require two water-closets instead of four, and extension of time was denied.
7606	No. 314 East Seventy-seventh street.....	" 6, "	Rescinded.
7607	Nos. 725 and 727 East One Hundred and Forty-ninth street.....	.....	Provided the water-closets and open space are cleaned and re-tarred, that new bowl be provided on water-closet on third floor, and that flushing cisterns and hand-pumps connections be made for water-closets on top floor at once.
8063	No. 178 Henry street.....	July 15, 1889	Modified not to require new house-drain.
8530	No. 303 East Seventy-third street.....	July 15, 1889	Provided the water-closets and open space are cleaned and re-tarred, that new bowl be provided on water-closet on third floor, and that flushing cisterns and hand-pumps connections be made for water-closets on top floor at once.
8687	No. 247 West Forty-sixth street.....	May 1, 1890	Considered complied with.
8837	No. 756 Elton avenue.....	.....	Rescinded.
9013	No. 174 West street.....	.....	Rescinded.
9082	No. 150 Washington street.....	July 1, 1889	For that portion of order relating to walls and ceilings, provided balance of order be complied with at once.
9110	No. 8 Jay street.....	July 1, 1889	Considered complied with.
9108	No. 202 East Forty-second street.....	July 1, 1889	Rescinded.
9122	No. 288 Fifth avenue.....	.....	Rescinded.
9322	No. 651 East One Hundred and Fifty-third street.....	.....	Rescinded.
9378	No. 83 Monroe street.....	Sept. 15, 1889	Rescinded.
9497	No. 136 Chrystie street.....	Aug. 1, "	Rescinded.
9549	East side Madison avenue, between Eighty-second and Eighty-third streets.....	" 5, "	Rescinded.
9554	No. 1483 Third avenue.....	Oct. 1, 1889	Rescinded.
9571	No. 409 East Seventy-sixth street.....	July 15, 1889	Rescinded.
9788	No. 210 West Thirty-second street.....	.....	Rescinded.
9894	No. 50 Ridge street.....	.....	Rescinded.
10318	{ No. 110 Fifth avenue.....	.....	Rescinded.
10514	No. 202 East Forty-sixth street.....	.....	Rescinded.
10639	No. 97 Avenue C.....	.....	Rescinded.
10668	No. 472 Third avenue.....	.....	Rescinded.
10684	Southeast corner Ninety-fourth street and Fifth avenue.....	July 1, 1889	Rescinded.
10683	No. 341 East Forty-seventh street.....	.....	Considered complied with.
10697	No. 59 Pitt street.....	.....	Rescinded.
10705	No. 241 East Broadway.....	.....	Rescinded.
10740	No. 123 Avenue C.....	.....	Rescinded.
10793	No. 185 Ludlow street.....	.....	Rescinded.
10718	No. 640 East Twelfth street.....	.....	Rescinded.
12730	No. 149 Avenue C.....	.....	Rescinded.
12745	No. 626 East Twelfth street.....	.....	Rescinded.
17518	Nos. 439 and 441 First avenue.....	.....	Rescinded.
17526	No. 111 Ludlow street.....	.....	Rescinded.
17539	No. 109 Norfolk street.....	.....	Rescinded.
17675	No. 102 Avenue D.....	.....	Rescinded.
17691	No. 409 East Twelfth street.....	.....	Rescinded.
17704	No. 400 East Seventy-seventh street, rear.....	.....	Rescinded.
17710	No. 445 East Seventy-seventh street, rear.....	.....	Rescinded.
17760	No. 111 Norfolk street.....	.....	Rescinded.

Permits Granted.

No.	BUSINESS-MATTER OR THING GRANTED.	ON PREMISES AT
6453	To keep one chicken.....	No. 351 West Fifty-fifth street.
6454	To use smoke-house.....	No. 650 Sixth street.
6455	To retain and use manure vault in yard.....	No. 52 Willett street.
6456	To construct and maintain manure vault in yard.....	Nos. 605 and 607 West Fifty-ninth street.
6457	To lodge and care for children.....	Eighty-ninth street and Avenue A, St. Joseph's Asylum.
6458	To retain and use manure-box in yard.....	No. 626 East Twelfth street.

Permits Denied.

No.	BUSINESS-MATTER OR THING DENIED.	ON PREMISES AT
299	To retain and use manure vault.....	No. 264 East Houston street.
300	To keep chickens.....	No. 38 Laight street.
301	To keep fifteen chickens.....	South side Seventy-first street, south of Third avenue.
302	To keep one goat and six chickens.....	236 East Twentieth street.

Permits Revoked.

No.	BUSINESS-MATTER OR THING REVOKED.	ON PREMISES AT
5402	To fill in bulkhead.....	Lincoln avenue and Harlem river.
4933	To lodge and care for children.....	St. Joseph Asylum, Eighty-ninth street and Avenue A.

Communications from Other Departments.

Comptroller's office—Weekly statement.
Department of Public Works—A communication relative to complaint of defective sewer, Ninety-seventh street, between Ninth and Tenth avenues.

Miscellaneous Communications.

Copy of a resolution passed June 6, by The Fox Estate Association, objecting to a shooting range maintained at Schuetzen Park, on Boston avenue, near Jefferson street. Referred to Sanitary Superintendent.

Application for extension of time on Order No. 9569, on premises Vesey street Pier. Laid on table.

Resolutions.

Resolved, That the Register of Records be and is hereby directed to record the following birth and marriage certificates:

NAMES.	RETURN.	DATE.
1. George Jaxel.....	Born.....	Oct. 14, 1888
2. William Philipp Wagner.....	".....	" 20, "
3. Joseph Liska.....	".....	Nov. 3, "
4. Vicenzo Carino.....	".....	Dec. 18, "
5. Marie Augustine Guillaume.....	".....	Jan. 13, 1889
6. David Close Comstock.....	".....	" 18, "
7. Francois Piccoli.....	".....	" 21, "
8. Charles Walter McCarthy.....	".....	Feb. 5, "
9. Female child of James and Annie Biglin.....	".....	" 22, "
10. Michael George Lynch.....	".....	" 26, "
11. Elizabeth Phillips.....	".....	March 7, "
12. Bertha Lina Nardin.....	".....	" 19, "
13. Joseph Kavanagh.....	".....	" 19, "
14. Marie Jeanne Graine.....	".....	" 21, "
15. Jane Knight.....	".....	" 23, "
16. James Jones.....	".....	" 25, "
17. Viola Adda Lenora Haugenstad.....	".....	" 28, "
18. Sydney Thursby.....	Married.....	Sept. 19, 1888

Resolutions.

Resolved, That permission is hereby given to file supplemental papers relating to

NAME.	RETURN.	DATE.
William Werner.....	Died.....	Jan. 6, 1889.
Antonio Peticano.....	".....	Nov. 3, 1882.

Resolved, That a copy of the report of Assistant Sanitary Superintendent Janes, in respect to condition of premises No. 1192 Fulton avenue, be forwarded to the Fire Department, and that the attention of the Department be called to the importance of abating the nuisance as soon as possible.

Resolved, That the services of Laborer Metz, on Disinfecting Corps, be and are hereby dispensed with.

Resolved, That the following persons be and are hereby employed as Laborers on the Disinfecting Corps, with salary at the rate of \$600 per annum:

Denis O'Rourke, from June 3; M. H. Mercer, from June 6.

Resolved, That the report of Inspector Morris on the sanitary condition of Primary School No. 42, Eighty-eighth street, between Second and Third avenues, be forwarded to the Board of Education, with the request that for sanitary reasons the necessary action be taken.

Leaves of Absence Granted.

Sanitary Superintendent Day, June 10 to July 10; sickness.
Inspector Levings, June 7 to June 9; sickness.
Inspector Hallick, June 7 to June 10; sickness.

The following communications were received from the Chief Inspector of Plumbing and Ventilation:

Weekly report of work performed by the Division of Plumbing and Ventilation.
Weekly report on light and ventilation of tenement-houses, plumbing and drainage, plans of new buildings.

Resolved, That the recommendations of the Chief Inspector of Plumbing and Ventilation be and the same are hereby approved.

Action of the Board on Plans for Plumbing and Drainage of the following Houses.

Resolved, That plans for plumbing and drainage of the following houses be and are hereby approved upon the conditions contained in the statement of the action of the Board, attached to the specifications submitted with the plans, and the said plans and specifications are hereby modified in accordance therewith:

Plan No.
9472. For five dwellings, Seventy-fourth street, north side, one hundred and eighty feet west of Eighth avenue, as amended.
9592-2. For one tenement, No. 42 West Fifteenth street.
9648. For one tenement, Eighty-eighth street, north side, one hundred feet east of Lexington avenue.
9651. For three dwellings, One Hundred and Thirty-first street, north side, two hundred and seventy-four feet west of Sixth avenue, as amended.
9756. For one store building, Third avenue, west side, seventy-one feet six inches north of One Hundred and Fortieth street.
9759-2. For one dwelling, One Hundred and Seventy-sixth street, north side, three hundred feet west of Fleetwood avenue, as amended.

Plan No.

9767. For one tenement, No. 246 West Eighteenth street.
9776. For two dwellings, Seventy-ninth street, south side, one hundred feet west of Ninth avenue, conditionally.
9788. For three dwellings, First avenue, northeast corner Eighty-ninth street.
9797. For one asylum, northeast corner of Madison avenue and Fifty-first street, as amended.
9809. For one store building, No. 61 Fourth avenue, as amended.
9810-2. For five dwellings, One Hundred and Twenty-first street, north side, ninety-five feet west of Seventh avenue, as amended.
9811. For one tenement, No. 110 Ninth avenue.
9813. For one tenement, southeast corner St. Nicholas avenue and One Hundred and Twenty-ninth street.
9814. For one store and dwelling, Third avenue, west side, seventy-five feet north of Bathgate avenue, as amended.
9815. For one dwelling, northeast corner Marion avenue and Brookline street, conditionally.
9816. For one store and shop, No. 99 Hester street.
9817. For one dwelling, southeast corner Prospect avenue and Home street, conditionally.
9818. For one dwelling, Valentine avenue, east side, two hundred and seven feet south of One Hundred and Seventy-ninth street, as amended.
9819. For three dwellings, Walton avenue, west side, one hundred feet north of One Hundred and Forty-ninth street, as amended.
9820. For one dwelling, Walton avenue, east side, one hundred and seventy feet south of One Hundred and Fiftieth street, as amended.
9821. For one factory, No. 2350 Third avenue, as amended.
9822. For two offices and stable, Fifteenth street, north side, one hundred and seventy-five feet west of Tenth avenue, as amended.
9824. For two tenements, west side of Ninth avenue, fifty-one feet north of Seventy-fifth street, as amended.
9827. For one warehouse, south side Thirteenth street, east of Sixth avenue, as amended.
9828. For four tenements, north side One Hundred and Third street, one hundred and fifty feet west of Ninth avenue, as amended.
9829. For one stand, No. 22 Thompson avenue, West Washington Market.
9832. For one barn and stable, Palisade avenue, about one hundred and sixty feet south of River avenue.
9836. For one store, Sixth avenue, west side Twenty-second to Twenty-third street.
9840. For one tenement, Eighty-third street, south side, one hundred feet east of Ninth avenue.
9843. For drainage, Seventy-second street, north side, four hundred and seventy-five feet west of Eighth avenue.
9844. For drainage, Seventy-fifth street, south side, two hundred feet west of Ninth avenue.

Tabled for Amendment.

Resolved, That the following plans for plumbing and drainage be and are hereby tabled for amendment:

Plan No.
9807. For one dwelling, One Hundred and Sixty-fifth street, south side, one hundred feet east of Forrest avenue.
9808. For two dwellings, One Hundred and Sixty-fifth street, south side, sixty feet east of Forrest avenue.
9820. For two dwellings, Morris avenue, east side, eighty-eight feet five inches south of One Hundred and Fifty-first street.
9826. For one tenement, No. 53 Norfolk street.
9830. For stable and shed, Eighty-eighth and Eighty-ninth streets, between Park and Madison avenues.
9833. For one tenement, east side Stebbins avenue, seventy feet south of Home street.

Amendments to Plumbing and Drainage Plans.

Resolved, That the following amendments to plumbing and drainage plans be and are hereby approved:

Plan No.
9028. For one dwelling, Eagle avenue, east side, two hundred and seventy-five feet south of One Hundred and Sixty-third street.
9137. For two tenements, One Hundred and Thirty-third street, south side, two hundred and fifty feet west of Lenox avenue.
9138. For five tenements, southeast corner Fifth avenue and One Hundred and Thirty-fourth street.
8790. For one dwelling, Lincoln avenue, east side, one hundred and twenty-five feet south of One Hundred and Thirty-third street.
9162. For three tenements, northeast corner Avenue A and Eighty-fourth street.
9168. For two tenements, northwest corner Willis avenue and One Hundred and Thirty-ninth street.
9208. For five tenements, southwest corner Willis avenue and One Hundred and Forty-fourth street.
9227. For one dwelling, southwest corner Andrews avenue and One Hundred and Eighty-fourth street.
9289. For one dwelling, One Hundred and Thirty-fourth street, north side, two hundred and thirty-one feet six inches east of Alexander avenue.
9305. For one hotel, northwest corner Eighth avenue and Eighty-first street.
9356. For one dwelling, No. 172 East One Hundred and Twelfth street.
9405. For one tenement, Nos. 162 and 164 East Eighty-second street.
9492. For one tenement, No. 243 West Sixteenth street.
9529. For nine dwellings, south side Seventy-sixth street, one hundred feet east of Ninth avenue.
9588. For one shop (rear), Nos. 629 to 631 Fifth street.
9635. For one tenement, No. 403 West Fifty-seventh street.
9694. For five tenements, southwest corner Willis avenue and One Hundred and Thirty-seventh street.
9877. For one church, One Hundred and Forty-first street, west of Seventh avenue.

Amendments to Plumbing and Drainage Plan.

Resolved, That the following amendments to plumbing and drainage plans be and are hereby disapproved:

Plan No.
9440. For one tenement, Eighty-ninth street, south side, ninety-three feet west of Ninth avenue.

Violations to the Attorney.

Resolved, That the following violations of law in respect to plumbing and drainage of new houses be and are hereby referred to the Attorney:

Nos. 1039, 1495, 1831, 1805, 1955, 2348, 2094.

Action of the Board on Plans for Light and Ventilation of the following Tenement Houses:

Resolved, That the following plans for light and ventilation be and are hereby approved, upon the conditions described in the permits issued in each case, and the said plans and specifications are hereby modified in accordance therewith:

Plan No.
6800-2. For two tenements, northeast corner Bradhurst avenue and One Hundred and Forty-fourth street.
7013. For seven tenements, southeast corner Manhattan avenue and One Hundred and Sixteenth street.
7035. For one tenement, No. 47 Cherry street.
7038. For one tenement, No. 86 Sheriff street.
7041. For three tenements, Ninety-sixth street, south side eighty-nine feet nine inches west of Tenth avenue.
7042. For one tenement, No. 110 Ninth avenue.
7043. For one tenement, southwest corner Eighth avenue and One Hundred and Forty-first street.
7044. For two tenements, One Hundred and Forty-third street, south side, three hundred and fifty feet east of Eighth avenue.
7045. For one tenement, No. 240 East Eighty-third street.
7048. For five tenements, One Hundred and Fifteenth street, west side, two hundred and twenty-five feet west of Seventh avenue.
7049. For one tenement, southeast corner Madison avenue and One Hundred and Twelfth street.
7051. For one tenement, Madison avenue, east side, thirty-three feet five inches south of One Hundred and Twelfth street.
7052. For one tenement, Twenty-fifth street, north side, one hundred and twenty-five feet west of Second avenue.
7053. For one tenement, No. 220 Henry street.
7054. For one tenement, No. 63 Canal street.

Tabled for Amendment.

Resolved, That the following plans for light and ventilation be and are hereby tabled for amendment:

Plan No.
7036. For one tenement, north side of Fifteenth street, ninety-four feet east of Avenue A.
7040. For four tenements, southwest corner Tenth avenue and Ninety-sixth street.
7050. For one tenement, No. 333 Tenth avenue.
7047. For one tenement, No. 484 Pearl street.

Amendments to Light and Ventilation Plans.

Resolved, That the following amendments to light and ventilation plans be and are hereby approved:

Plan No.

5093. For one tenement, Sixty-fourth street, north side, one hundred and fifty feet east of Tenth avenue.

6337. For four tenements, north side of One Hundred and Third street, two hundred and twenty-five feet west of Ninth avenue.

6730. For one tenement, No. 172 East One Hundred and Twelfth street.

6964. For two tenements, Thirty-ninth street, north side, ninety feet west of Third avenue.

7006. For one tenement, One Hundred and Third street, south side, one hundred and eighteen feet west of Tenth avenue.

Violations to the Attorney.

Resolved, That the following violations of law in respect to light and ventilation of tenement houses be and are hereby referred to the Attorney:

Nos. 1496, 1497, 1499, 1500, 1512, 1550, 1558.

Sanitary Bureau.

The following is a record of the work performed in the Sanitary Bureau for the week ending June 8, 1889:

There were 7,377 inspections made by the Sanitary Inspectors and the Sanitary Police.

There were 552 complaints returned by the Sanitary Inspectors and the Sanitary Police.

There were 394 complaints received from citizens and referred to the Sanitary Inspectors and Sanitary Police for investigation and report.

There were issued to the consignees of vessels, to discharge cargoes, on vouchers from the Health Officer of the Port, 66 permits.

There were issued to consignees, to discharge rags (in bulk, under bonds), 2 permits.

There were issued under the Sanitary Code, 1 miscellaneous permit.

There were issued to Scavengers to empty, clean and disinfect privy sinks, 44 permits.

Report of Vital Statistics for the Week ending June 8, 1889.

WEEK ENDING SATURDAY, 12 M.	Certificates Received and Tabulated	Increase over Previous Week.	Decrease from Previous Week.	Annual Rate per 1,000 Population Estimated at 1,568,684.	Burial Permits Issued	Transit Permits Issued	Coroners' Cases	Searches Made	Transcripts Issued	Entered in Registers	Indexed
Marriages.....	326	126	....	10.81	....	....	....	16	11	326	....
Births.....	696	38	....	23.07	....	....	....	30	16	696	....
Deaths.....	688	59	....	22.81	688	11	80	117	107	688	....
Still-births.....	63	2	....	2.09	63	....	4	....	....	63	....

Of the total number of deaths reported, those due to contagious diseases and to certain diseases whose prevalence may be due to variable local conditions were as follows:

CAUSE OF DEATH.	Deaths Reported.	Deaths Reported in Previous Week.	INCREASE OR DECREASE OF DEATHS, BY WARDS.										
			1	2	3	4	5	6	7	8	9	10	11
Cerebro-spinal Meningitis.	4	2	....	....	....	....	....	....	....	....	....	....	....
Diphtheria.	41	30	....	....	....	....	....	+1	....	+1	....	-3	-1
Enteric Fever.	4	2	....	....	....	....	....	....	....	....	-1	....	....
Erysipelas.	3	1	....	....	....	....	....	....	+1	....	....	....	....
Malarial Fevers.	4	2	....	....	....	....	....	+1	....	....	....	....	....
Measles.	10	5	....	....	....	....	....	....	....	....	-1	+1	....
Scarlatina.	26	28	....	....	....	+1	....	....	....	....	+1	-1	-2
Small-pox.	....	....	....	....	....	....	....	....	....	....	....	....	....
Typhus Fever.	....	....	....	....	....	....	....	....	....	....	....	....	....
Whooping-cough.	11	15	....	....	....	....	-1	....	+1	+1	....	-2	....
Diarrhoeal Diseases.	22	20	....	....	....	-1	+1	-1	-1	+1	....	+1	-1
Bronchitis.	28	24	....	....	....	....	+1	....	-1	....	....	+2	....
Croup.	11	15	+1	....	....	....	....	....	+2	....	....	....	....
Pneumonia.	67	69	+1	....	....	+2	+1	+1	+1	+1	+2	+2	+2
Puerperal Diseases.	5	7	....	....	....	....	....	....	....	+1	-2	....	....
Under 1 Month.	42	55	+1	....	....	-1	+1	....	-1	....	+1	-3	-1
1 Month and under 5 Years.	244	194	+3	....	....	-1	....	+3	+4	+3	-1	-1	+3
65 and over.	54	57	-1	....	....	+1	....	....	....	+2	....	-1	....
Total.	638	629	+7	....	....	+2	+5	+4	+1	+4	-5	-5	-1

CAUSE OF DEATH.	INCREASE OR DECREASE OF DEATHS, BY WARDS.												
	12	13	14	15	16	17	18	19	20	21	22	23	24
Cerebro-spinal Meningitis.	....	....	....	....	....	+1	....	....	....	+1	....	....	....
Diphtheria.	+3	+2	....	-1	+2	....	+2	+3	....	-1	....	+3	....
Enteric Fever.	....	....	....	....	....	+1	+2	....	....	....	+1	....	....
Erysipelas.	....	....	....	....	....	....	....	+1	....	....	....	....	....
Malarial Fevers.	-1	....	-1	....	....	....	....	+1	+1	....	+1	....	....
Measles.	-1	+2	....	....	....	+1	....	+2	-1	....	+1	+1	....
Scarlatina.	+2	+1	-1	....	-2	+1	....	-1	+2	-1	-2	+1	-1
Small-pox.	....	....	....	....	....	....	....	....	....	....	....	....	....
Typhus Fever.	....	....	....	....	....	....	....	....	....	....	....	....	....
Whooping-cough.	-2	....	-4	+1	+1	+2	....	+1	-1	....	-1	....	....
Diarrhoeal Diseases.	-1	-1	....	....	+1	+3	+2	-1	....	+1	....	-1	....
Bronchitis.	+4	-2	-2	....	....	....	+2	+1	+2	....	-2	....	-1
Croup.	+2	-2	....	....	+1	-3	....	-2	....	....	-2	-1	....
Pneumonia.	-4	-5	+1	....	-3	+2	....	-4	-3	-4	+7	-1	-1
Puerperal Diseases.	-1	-1	....	+1	....	....	+1	....	+1	....	-2	....	....
Under 1 Month.	-3	....	....	+1	+1	-1	+3	-4	-3	-3	-1	+2	....
1 Month and under 5 Years.	+20	+3	-4	+1	-1	+11	+5	....	+2	+1	+4	-2	-3
65 and over.	-3	....	....	....	+3	-2	+1	-1	....	....	+2	-2	-2
Total.	....	-2	-5	....	+8	+17	+5	+12	-2	+8	+20	-3	-11

The 688 deaths represent a death-rate of 22.81 as against 20.86 for the previous week, and 24.58 for the corresponding week of 1888.

The increase of 59 deaths was mainly due to an increase of 11 deaths from diphtheria, 5 from measles, 10 from cancer, 6 from phthisis, 15 from diseases of the digestive system, and 8 from Bright's disease. The deaths from scarlatina varied little.

The increase of diphtheria was most marked in the Twelfth, Nineteenth and Twenty-third Wards.

Analysis of Croton Water for Wednesday, June 12, 1889. Results Expressed in Grains per U. S. Gallon of 231 Cubic Inches.

Appearance.	Slightly turbid.
Color.	Light yellowish brown.
Odor (heated to 100° Fahr.).	Marshy.
Chlorine in Chlorides.	0.110.
Equivalent to Sodium Chloride.	0.181.
Phosphates.	None.
Nitrates.	None.
Nitrogen in Nitrates and Nitrates.	0.0080.
Free Ammonia.	0.0003.
Albuminoid Ammonia.	0.0023.
Hardness equivalent to Carbonate of Lime,	Before boiling.
	After boiling.
Organic and Volatile (loss on ignition).	1.283.
Mineral matter (non-volatile).	2.508.
Total solids (by evaporation).	3.791.

Analysis of Croton Water for Wednesday, June 12, 1889. Results Expressed in Parts by Weight in One Hundred Thousand.

Appearance.	Slightly turbid.

The exceptions are invariably where the sewers are not properly extended to deep water, but, discharging near the bulkhead into the slips, the sewage is retained and deposited upon the bottoms where eddies are formed by the projecting piers or docks.

There are but few platforms between piers extending beyond the bulkheads to obstruct air and sunlight, hence offensive conditions are rapidly dissipated.

On the 7th of May our examination was resumed, commencing at the South Ferry, foot of Whitehall street.

We found nothing objectionable in a sanitary point of view, except, perhaps, from some offensive odors perceptible at the ferry slips where sewers discharge at the bulkheads under the platforms and bridges of the ferries, until we reached Fulton street.

The fact of the sewers discharging into deep water with the strong currents and tidal flow to carry the sewage away rapidly, with frequent agitation of the water in the ferry slips by the incoming and outgoing ferry boats, prevents any lodgment upon the river bottom of the sewer contents, apparently, and hence no accumulations of offensive material.

At foot of Fulton street there is a sewer outlet just east of the bulkhead on north side of Pier 22, forming the easterly side of the Fulton Ferry slip. This bulkhead is in a very bad condition. In the slip between Fulton and Beekman streets there are very considerable quantities of fecal sewage floating, considerable quantities of dead fish and much offensive material. Over the bulkhead of this slip is located the fish market, and in the slip the fish floats containing live fish for the market. In the floor of the fish market are trap doors through which dead fish and other refuse is thrown into the water of the slip below, underneath the market. This practice, with the contents of the Fulton street sewer discharging at this point, renders the water in the slip very foul and offensive, and this practically is the first point from the Battery which is really in an unsanitary condition. The remedy is to carry the sewer by a box extension out to the end of Pier 22 to discharge its contents into the direct current, and if possible to put a stop to the practice of throwing the dead fish and other refuse from the fish market into the water in the slip underneath.

The bottom is covered with a soft, black deposit of considerable depth, from which the offensive gases of decomposition are constantly bubbling upon the surface, causing very offensive and deleterious conditions.

At the end of this pier, No. 22, the Harlem boats land their passengers, who must necessarily pass through this offensive atmosphere for a very considerable distance, and who, coming from a fresh, pure atmosphere, are almost stifled with these decomposing gases.

At a point sixty feet south of the north side of Pier 26 there is a very considerable Croton leak.

From Pier 23, foot of Beekman street, to Pier 33, foot of Oliver street, there seemed to be no objectionable sanitary feature. The sewer from Roosevelt street discharges at the extreme end of Pier 29, while that at foot of James street, Pier 32, also has its outlet at the end into deep water.

At the foot of Oliver street, Pier 33, the sewer discharges at the bulkhead on north side into the slip much above low water under the platform, causing a very offensive accumulation of foul and filthy black mud under the whole length of the platform to Pier 34. This sewer should be extended to the extreme end of Pier 33, as also the sewer at foot of Catharine street to the end of Pier 34. The Catharine street sewer discharges above low water at the bulkhead twenty feet from south side of Pier 34, into an eddy formed by the projection of the long Pier, No. 34. The slip between Piers 33 and 34 is very foul and offensive from discharges from these two sewers, from Catharine and Oliver streets. This slip should be dredged and cleaned.

A marginal sewer is contemplated by the Department of Public Works from Pike slip to Roosevelt street, intending to intercept the Catharine, Oliver and James streets sewers. This would remove the nuisance at all these points, and is urgently needed to put them in a good sanitary condition, which they are not at the present time.

From Catharine street to Grand street we found nothing objectionable, and in good sanitary condition.

At foot of Grand street the end of the sewer-box is badly broken, much of the top and side planking is gone.

There seemed to be no offensive accumulation or deposit of sewage, but from the fact of the constant overflow of sewage and its stirring up by the ferry boats entering and departing so frequently, there are offensive odors and gases much complained of by passengers crossing this ferry. This unfortunate sewer termination should be diverted and carried out to the end of Piers 56 or 57, foot of Broome street, where its contents would meet the deep-water currents and strong tidal flow, instead of being held within the ferry slips to fester and decompose.

At the foot of Rivington street the sewer discharges into the slip on north side of Pier 60, mouth above low water, making the water in the slip very foul and offensive. Piers 60 and 61 extend far out into deep water, so that there is more or less obstruction to strong currents, and in consequence much of the sewage lodges and deposits up on the bottom. This sewer should be extended to end of Pier 60, and thus entirely obviate the nuisance.

The Third street sewer discharges at the bulkhead under the pier, its mouth is broken down and obstructed by timber and stones interfering with the outflow. This sewer should be extended to the end of pier.

The Fourth street sewer discharges under the platform at north side, and the one at Fifth street also discharges near bulkhead into the slip between Fourth and Fifth streets. The water was very foul and offensive with retained sewage, there being an eddy formed by the extension of the pier foot of Fifth street.

At Seventh street the sewer terminates at the bulkhead above low water, and on the north side of pier at Seventh street the water in the slip was very foul and offensive. The boats of the Hunter's Point Ferry, adjacent on the north side between Seventh and Eighth streets, by frequent agitation increase the offensive conditions at this point. The Seventh street sewer should be extended to the extreme end of the pier.

The mouth of the sewer at Eighth street bulkhead is blocked up with stones, timber and refuse so that it cannot discharge freely.

At Eleventh street the mouth of sewer is at bulkhead discharging on the soft mud bottom, and presents a very offensive sewage accumulation at low tide. The offensive exhalations at this point are excessive.

This mud bottom and sewage accumulation should be dredged out and the sewer extended to the end of the pier.

Foot East Seventeenth street—The sewer outlet discharges at the bulkhead line, and very offensive odors and deposits are the result.

East Eighteenth street—The sewer discharges at bulkhead and its sanitary condition is very bad.

Both of these sewers (Seventeenth and Eighteenth streets) discharge into the slip between, where the water has no strong current, a large eddy being formed by the long projection of the Nineteenth street pier.

These sewers should be turned off at Avenue C and connected with the Sixteenth street sewer, whose outlet is at the end of the pier, freely discharging into the strong river current at this point.

From Eighteenth street to Twenty-second street the water surface along the bulkhead fronts for some distance out is covered with the tarry refuse of the gas works, evidently discharging by some private drain. It is very offensive, and adheres to everything floating—bulkhead, timber and piles—in that vicinity.

East Twenty-sixth street—At the foot of East Twenty-sixth street the sewer discharges on north side of the pier near the bulkhead and upon the ground at low water—very offensive. There is a box extension for some distance beyond this outlet under the pier, but not connected. Connection should be made at once.

Bellevue Hospital being located near the foot of this street, and from which much sewage is received into and discharged by this sewer, the importance of an immediate attention and perfection of this sewer is obvious. The offensiveness of its discharges are but the least of the dangers that may occur at this particular locality. The germs of disease are more likely to lodge and become infectious at this point than at any other on either river front. There is also much rotten timber and decaying wood on the bulkhead front between Twenty-sixth and Twenty-seventh streets, directly in front of and almost under the windows of this hospital. All this should be removed at once and the water-front kept free and clear of all decaying and decomposing material of whatever nature. Sewage deposits from a very considerable area coming from Twenty-sixth and Twenty-seventh streets, as far west as Second avenue, are all discharged at this bulkhead into the slip in front of the hospital.

East Twenty-eighth street. The sewer of East Twenty-eighth street discharges at the bulkhead on the ground above water. The condition is very bad, offensive, much decomposing material is seen floating under the dock and in the slip. Sewer should be extended to end of pier.

Between Thirty-ninth and Fortieth streets the Gas Company are discharging the tarry refuse through the bulkhead into the river, which floats and covers the water with that offensive substance for a considerable distance—violation of section 77, Sanitary Code.

From Fortieth to Forty-third street there is no objectionable feature: the river current is strong, the bulkheads have deep water-fronts, and the sweep of the tides is unobstructed. The sewer discharges at Forty-second and Forty-third streets are swept rapidly away and rendered innocuous by the large body of water.

But at Forty-fourth street we meet with the most offensive and sickening odors.

From Forty-fourth to Forty-eighth street the water-front is completely saturated with blood, animal refuse, animal entrails, grease and everything of the most offensive, noxious and deleterious character. Under the platforms the odor is simply intolerable from decomposing blood, animal matter and refuse of rendering tanks. On the streets and intervening blocks west of the river-front to First avenue are located all the east side slaughter-houses and fat and bone rendering tanks. From these are discharged through the street sewer at Forty-fourth street principally blood, which seems to be but little diluted with water, evidently showing that much fresh blood from slaughtering is allowed to escape into the sewer, far more than simple washing of bloody floors would account for.

The end of the brick sewer at East Forty-fifth street is much broken and discharges above high

water at the end of the street, where there is an old broken down bulkhead. Large quantities of the bloody washings from the slaughter-houses and other offensive material is seen discharging from this sewer outlet. Under the platform between Forty-fifth and Forty-sixth streets, occupied by the rendering works connected with the slaughter-houses on this block, there are private drains discharging the contents of animals' stomachs, sheep entrails, and much other offensive material from the slaughter-houses. Also open ends of iron pipes, discharging above water surface, hot steam saturated with greasy contents of rendering tanks, apparently, exceedingly offensive—unbearably so—impregnating the atmosphere for a considerable distance, especially in the direction of the wind. Sheep entrails and other decomposing animal matter is seen floating on the water, distended with decomposing, offensive gases, for a very considerable distance anywhere from Forty-fifth street to Forty-eighth street. One needs to keep well to leeward or beyond the line of this floating, festering mass to be able to resist the consequences of his olfactory disgust. Only an inspection in a small boat close along this water-front and under the platforms at this particular locality could convince one of the extent of these offensive nuisances. There seems to be an utter regardlessness of sanitary requirements and sanitary law at this point.

Almost pure fresh blood, entrails, contents of stomachs, greasy refuse from rendering tanks added to other sewage matters discharging from the mouths of sewers, drain-pipes and escape-pipes form one immense cesspool, from Forty-fifth to Forty-eighth street, most of which by sanitary ordinances are not allowed to be discharged into the sewers or water-fronts. These unsanitary conditions, as observed at date of the inspection, of discharging fresh blood, offal, contents of stomachs and other offensive material from the slaughter-houses and washing of rendering-tanks, seem to be an unusual occurrence, as inspections on previous occasions did not present the same offensive conditions. Usually the sewers and drains only discharge the washings of the floors and of the rendering-tanks largely mixed with water and comparatively inoffensive.

From Forty-ninth street northward to Sixty-second street, the river front presents no unsanitary conditions, having no shallow water spots even at low tide: the channel is narrow and the currents are rapid.

At Sixty-second street there is a sewer outlet forty-two inches in diameter, discharging at the end of the short pier. Much sewage was floating upon the water surface and much has lodged upon the bottom. There are eddies at this point caused by an indentation of the shore line, removing it from the more rapid current of the river. This is a marginal sewer, as laid down on the sewer map, starting from Seventy-first street along Avenue A, and terminating at the foot of East Sixty-second street. Dredging is needed.

At the mouth of the sewer at East Seventy-ninth street there is a very considerable deposit of sewage rendering the bottom very foul and offensive. Needs dredging and cleaning.

From this point to East Ninety-fifth street there were found no objectionable, unsanitary conditions, the shore-line being, for much of the distance, a bold, rocky front.

The Ninety-fifth street sewer discharges upon the bottom at the foot of the street above low water, leaving a filthy, offensive deposit on the mud-flat south of Ninety-fifth street. This should be dredged out and the sewer extended to deep water.

At the foot of Ninety-eighth street there is a pipe-drain from the gas works discharging the tarry refuse at the bulkhead in the slip between Ninety-eighth and Ninety-ninth streets. This is a very offensive nuisance and is found floating upon the water surface for a considerable distance, adhering to everything it comes in contact with, and is a violation of section 77 of the Sanitary Code.

At One Hundred and Twenty-eighth street the water under Armour's beef store-house is very foul and offensive. The bottom is covered with soft, black, offensive mud of considerable depth; needs to be dredged out.

One Hundred and Thirtieth street—The shallow bottom under the platform on north side is very foul with filth deposits and needs dredging out.

Underneath the platform east of the south abutment of the Third Avenue Bridge, under Hill's oyster-house, there is a very foul, offensive bottom, covered with decaying oyster shells and vegetable matter, which needs dredging and cleaning out.

On the north side of Harlem river the premises on east side of the bridge abutment are very foul and offensive from a discharging sewer of Third avenue, opening on the east face of the abutment. There is a very considerable accumulation of sewage deposited on the bottom. This needs dredging and cleaning.

This completes the investigation and inspection of the docks, piers, bulkheads and platforms of the water-fronts of this city, and of all those places named, those described as foul and offensive from the various causes, are conditions dangerous to life and health, and the remedies suggested in each case are urgently recommended to be enforced by the respective departments under whose jurisdiction they belong.

The principal causes are produced by the faulty and incomplete construction of the sewer outlets. Wherever these terminate at the bulkheads or under platforms there is invariably formed the offensive deposits from city sewage, which might and should be carried out to deep water by proper box extensions under the piers. These would discharge into the deep water with rapid currents, where they would be largely diluted and washed seaward without causing offensive local nuisances at the different points.

Those nuisances caused by the slaughter-houses and gas-houses should be abated at once by enforcing the sections of the Sanitary Code applicable thereto.

The matters of old rotting or defective timber bulkheads and platforms and the dredging out of offensive deposits in the slips and under the platforms belonging to the jurisdiction of the Department of Docks, if requested by the Health Department, will be promptly attended to, as the engineer, in conjunction with your sanitary officer, who has made this examination jointly will report such facts as we have found.

The comparisons of the sanitary conditions between the North river and the East river sides are very marked.

The west shore line, except where the "new plan" of bulkheads are built out to deep water, is of a low, shallow bottom which at low tide is uncovered and exposed, allowing accumulation of filthy deposits of every kind, and especially so of sewage deposits where the sewers discharge at the old bulkheads and are not extended to the outer end of piers to deep water.

The very large amount of animal and vegetable matter deposited upon these shallow bottoms, decomposing and setting free the most obnoxious gases, are dangerous menaces to the health and lives of those whose constant employment at these docks, piers and platforms compel them to inhale and absorb these poisonous emanations.

On the east side there are comparatively but few platforms over the slips, and even at low tide the bottom surface is covered with from one to three feet of water and many of the sewers are already extended to the pier ends to deep water. The river currents are more swift and thus more rapidly remove these sewage deposits. And there are but few points seriously to be complained of.

The comparative unhealthfulness of the west side of the City with east side is shown by the records of vital statistics in the following table:

Deaths During 1888 Occurring Within a Block of the North and East River Front.

	Total Population	Population 5 Years Old and Over	Population Under 5 Years	Total Deaths	Deaths 5 Years Old and Over	Deaths Under 5 Years	Diarrhea	Diphtheria	Phthisis	Pneumonia
North River to West Fifty-seventh street...	20,714	17,831	2,883	566	281	285	55	20	78	37
East River to East Forty-Eighth street...	14,830	12,686	2,144	333	166	167	33	31	56	33

Death Rates Calculated from the Above Table.

GENERAL DEATH RATE.	5 YEARS OLD AND OVER.	UNDER 5 YEARS.	DIARRHEA.	DIPHTHERIA.	PHthisis.	PNEUMONIA.
North River to West Fifty-seventh street...	27.32	15.76	98.86	2.66	.97	3.77
East River to East Forty-Eighth street.....	22.45	13.08	77.90	2.23	2.09	3.78

These statistics were carefully collated covering the distance of about one block from the North and East rivers, of deaths occurring among the tenement-houses.

If it were possible to get exact statistics of the sickness as well as death rate among those employed and occupied during the day along these river fronts, there is no question but that the death rate would be largely increased on the west side beyond that shown by the actual resident population.

Diligent inquiries along the dock fronts on the west side developed the fact that a large proportion of the employees, clerks and managers of the Steamship and Freight lines suffer frequently, and more or less persistently, from foul-air poisoning, inhaled and absorbed during their daily occupation. There is a very marked showing in this respect from these unqualified statements of the sufferers and their employers.

It is impossible to determine with accuracy the exact death rate among those employed on the river front, from the fact that a large proportion of such are non-residents or dwell in other remote parts of the city and Long Island.

That to the unsanitary conditions heretofore described along the river fronts, especially at the mouth of the short sewers, and by the offensive decomposing deposits under the platforms between

piers and along the bulkheads with shallow water shores uncovered at low tides, is due beyond question the comparatively increased death rate and the sickness rate.

As previously remarked in this report the deeper, cleaner water-front, with fewer platforms, less exposed bottoms, better bulkheads and more of the sewers extended to deep water show conclusively, by the death-rate statistics, that the increase must be due in a great measure to the unsanitary and unhealthful conditions pertaining to the west side water-front. To preserve health and life, therefore, the suggestions and recommendations of your inspector with reference to the places and conditions as found upon this inspection and herein reported should receive the prompt attention of the respective departments charged with the duty.

Respectfully submitted,

Your obedient servant,
(Signed) MOREAU MORRIS, M. D., Sanitary Inspector.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
NEW YORK, June 14, 1889.

The Board met pursuant to adjournment.

Present—Commissioners Wilson, Bryant and Smith.

The minutes of the last meeting were read and approved.

Board of Estimate and Apportionment—A communication forwarding resolution adopted June 12, 1889, viz.:

Resolved, That the Health Department be and is hereby authorized and directed to pay over to the Police Department the sum of \$728.41, being balance remaining to the credit of the appropriation of the Health Department entitled, "Health Fund—For payment to the Board of Police for the services of forty-four Policemen and one Sergeant of Police, etc., 1888, to be applied to the Police Pension Fund.

On motion, it was

Resolved, That requisition be and is hereby made upon the Comptroller for the sum of \$728.41 to be paid the Police Department, the same being balance remaining to the credit of the appropriation entitled "Health Fund—For payment to the Board of Police for the services of forty-four Policemen and one Sergeant of Police, etc., 1888, to be applied to the Police Pension Fund, pursuant to resolution of the Board of Estimate and Apportionment, adopted June 12, 1889.

On motion, the following preamble and resolution were adopted:

Whereas, This Board, having received evidence upon the subject of the nuisances existing and continued in the building on the northwest corner of West Sixteenth street and Fifth avenue, occupied by the "Judge" Publishing Company, and having filed the reports of its Inspectors, Hosmer and Hooper, and having given a hearing to the persons affected thereby or interested therein, of which hearing notice was given to the proprietors and occupants of the said building; now, it appearing to the satisfaction of this Board that a nuisance exists in such building detrimental to health and dangerous to life in the neighborhood because of the faults of the machinery and the faults of its management, and use by the "Judge" Publishing Company and the printers and lithographers in the building.

Resolved, That an order issue that the use of the noisy machinery during the night from 9 o'clock P. M. to 6 o'clock A. M., and on Sundays, in the said building be at once discontinued.

2. That the presses on the third floor be not used as at present nor until the noise of the racks and the jar and vibration therefrom be entirely prevented.

3. That the striking or collision of the delivery racks of the Potter presses and the frames be stopped throughout the building, and that the noise of the imperfect and jarring machinery be stopped at once, and such presses and the jarring delivery racks be not used until the jar and noise therefrom be prevented, and that none of the jarring delivery-racks, frames and presses be hereafter used at night or on Sundays.

4. That the cutting of metal or plates with a saw and the buzzing-saw noise on the said premises be stopped at once at night, between the hours above mentioned and on Sundays, and the use of said saw be discontinued until the further order of the Board.

5. That the elevator-chains be made to work without unnecessary noise, or a rope be substituted for chains in the elevators at or near the sidewalks, which are used at night.

Resolved, That the attorney be instructed to proceed to enforce the said orders as in other cases of nuisances.

Associated Mineral Water Manufacturers—A communication requesting a hearing before the Board on the manufacture of mineral waters. Secretary to notify of a hearing on June 1, 1889.

Communication from Chief Inspector Collins, that new plans are to be filed for premises southwest corner Tenth avenue and One Hundred and Third street. To Attorney.

The Attorney, to whom was referred the objection of the Society for Prevention of Cruelty to Children to form of certificate issued by this Department, made a report thereon, which was approved and adopted, and Secretary was directed to forward copy of report to the said society.

Fire Department—Acknowledgment of receipt of complaint by this Board relative to premises Fulton avenue and One Hundred and Forty-seventh street, Engine Company No. 42.

The Attorney, to whom was referred a defective marriage certificate (no witnesses), made a report which was, on motion, approved and adopted.

Resolved, That the Register of Records be and is hereby directed to record marriage of Nathaniel F. Hurd on May 24, 1889.

Civil Service Board—Communication inclosing eligible list of Inspectors of Plumbing and Ventilation. Notification of standing of James McMutter on examination for promotion.

Resolved, That Dr. James A. McLocklin be and is hereby provisionally employed as a temporary Vaccinator in this Department, with salary at the rate of \$100 per month, from June 11, 1889, pursuant to the Rules and Regulations of the Civil Service.

Resolved, That Hugh Cusick be and is hereby provisionally employed as an Inspector of Plumbing and Ventilation in this Department, with salary at the rate of \$1,260 per annum, pursuant to the Rules and Regulations of the Civil Service.

Resolved, That Paul H. Martyn be and is hereby provisionally employed as an Inspector of Plumbing and Ventilation in this Department, with salary at the rate of \$1,260 per annum, pursuant to the Rules and Regulations of the Civil Service.

Resolved, That John E. McGill be and is hereby temporarily provisionally employed as an Inspector of Plumbing and Ventilation in this Department, with salary at the rate of \$105 per month, pursuant to the Rules and Regulations of the Civil Service.

Resolved, That James M. C. Miller be and is hereby promoted to the position of Clerk, pursuant to the Rules and Regulations of the Civil Service.

Davis Coxe, M. D., application for appointment on Medical Staff—Referred to Secretary to write.

By order of the Board.

EMMONS CLARK, Secretary.

POLICE DEPARTMENT.

The Board of Police met on the 14th day of June, 1889.

Present—Commissioners McClave, Voorhis, MacLean and Martin.

Resolved, That Commissioner McElroy be selected as Chairman of this meeting.

Commissioner McElroy offered the following:

That the Board proceed to ballot for President, and the Chief Clerk directed to receive the same. Carried.

The ballot was then taken, and resulted as follows:

Commissioner MacLean, 2 votes; Commissioner McElroy, 1 vote; Commissioner Voorhis, 1 vote.

Leaves of Absence Granted.

Captain Robert O. Webb, Twelfth Precinct, twenty days, half pay.

" Robert O. Webb, Twelfth Precinct, twenty days, with pay.

" Thomas M. Ryan, Twenty-first Precinct, twenty days, with pay.

Doorman Hugh P. Birney, Detective Squad, thirty days, half pay, in lieu of vacation.

Reports Ordered on File.

Commissioner Martin—Relative to purchase of a horse for Thirty-fourth Precinct, from I. H. Dahlman, for \$250.

Surgeon Grinnell—On contagious disease in family of Patrolman James McVay, Nineteenth Precinct.

Report of Treasurer's bookkeeper, inclosing \$950 fees for steam-boiler examinations, was referred to the Treasurer to pay into the Pension Fund.

Application of Patrolman Joseph Sawyer, Thirtieth Precinct, for fifteen days' sick leave, was referred to the Board of Surgeons for report.

Application of the Commissioner of Public Works for detail of officers at the Public Baths, was referred to Commissioner McElroy and Martin to select the officers for detail.

Application of Charles A. Gerlach for appointment of Charles A. Kipp as Special Patrolman was denied, on report of Captain Reiley, Nineteenth Precinct.

Application of the Commissioners of Accounts for information as to cost of maintaining horses, was referred to the Chief Clerk to answer.

Application of Rebecca Collins and others for appointment of Mary Karnick as Matron, was ordered on file.

Communication from the Mayor, inclosing copy of resolution of the Board of Aldermen relative to designation of the Thirtieth Precinct Station-house, etc., also from F. J. Twomey, Clerk of the Board of Aldermen, on the same subject, was referred to Commissioner Martin to confer with the Mayor relative thereto.

Communication from the Common Council, being resolution requesting loan of ballot boxes to receive contributions in aid of the Conemaugh sufferers, was referred to the Superintendent to furnish if requested by the Mayor.

Communications Ordered on File.

General W. T. Sherman—Acknowledging receipt of communication relative to the Conemaugh Relief Fund.

Edison Machine Works—Submitting samples of work.

Communications Referred to the Superintendent.

H. M.—Complaining of violations of Excise Law on Tenth avenue, Eighty-ninth and Ninetieth streets.

J. M. Emra—Complaining of annoyance by Morrisania Scheutzen Range.

Resolved, That the thanks of this Board be extended to A. G. Bogert & Brother for use of reviewing stand, and to the Broadway and Seventh avenue Railroad Company for withdrawing cars below Twenty-third street, on the occasion of the late Police Parade.

Resignations Accepted.

Patrolman James B. Jones, Twenty-fifth Precinct.

" John F. McGarry, Eighteenth Precinct.

Austen W. Morey, Special Patrolman.

Resolved, That the Superintendent be directed to assign Sergeant Charles Tiernan, Fifth Precinct, to day duty for sixty days.

Advanced to First Grade.

Patrolman Hugh Gaffney, Eighth Precinct, May 22, 1889.

Advanced to Second Grade.

Patrolman Christian Thon, Fourteenth Precinct, May 19, 1889.

Resolved, That the Board of Surgeons be directed to examine Patrolman John B. Huntzinger, Fifth Precinct, and report as to his physical condition, with a view to retirement.

Resolved, That the Committee of Surgeons be directed to examine the following applicants for appointment as Patrolmen:

Julius Kleutzer,

John Griffin.

William J. Mahoney.

Charles Brown.

James J. Riley.

Andrew Schoelles, Jr.

Dennis Minogue.

Robert J. Curran.

Samuel J. Pelton.

James E. Ward.

James F. Haugh.

John D. McIsaac.

James F. Reynolds.

Alex. F. Finley.

Resolved, That requisition be and is hereby made upon the Comptroller, in pursuance of sec. 262, chap. 410, Laws of 1882, and the Commissioners directed to approve the same, for the following sums of money for the month of June, 1889, being one-twelfth part of the total amount estimated, levied, raised and appropriated for the support and maintenance of the Police Department and force, for the current year, to wit:

Police Fund—Salaries of Commissioners, Superintendent, Surgeons and uniformed force	\$355,822 39
Police Fund—Salaries of Clerical Force, etc	7,353 33
Supplies for Police	6,758 03
Police Station-houses, Alterations, etc	2,500 00
Expenses of Detectives, Contingent, etc	1,041 66
Salaries of Chief and Chief Clerk Bureau of Elections	500 00
	\$373,975 41

Total

Whereas, The Supreme Court, under date May 24, 1889, on motion of Louis J. Grant, attorney for the relator, "that the judgment and determination of the removal and dismissal of relator, George Washburn, by the said Board of Police Commissioners from the Police Force of the Police Department of the City of New York, be and the same hereby is in all things reversed and annulled; and it is further ordered, adjudged and decreed that the relator, George Washburn, be and he is reinstated in his office of Captain of the Police Force of the Police Department of the City of New York, with all the rights, privileges and emoluments thereto pertaining, as of the 24th day of June, 1887;" and

Whereas, The Board of Police, on the 11th day of June, 1889, in conformity with the opinion of the Counsel to the Corporation of even date, did by resolution reinstate said George Washburn as Captain, with all the rights, privileges and emoluments; therefore

Resolved, That the Board of Estimate and Apportionment be respectfully requested to give its consent that the Board of Police may pay his salary out of the appropriation made to the Police Department for the year 1889, entitled "Police Fund—Salaries of the Superintendent, Inspectors, Surgeons, Captains, Sergeants, Patrolmen, Doormen, Detective Sergeants," etc.—all aye.

Appointed Patrolmen.

Richard Manning, Second Precinct.

James J. McCarthy, Fifteenth Precinct.

Daniel E. Costigan, Twenty-second Precinct.

Edgar V. Campbell, Twenty-fifth Precinct.

Thomas H. Devine, Tenth Precinct.

Martin O'Connell, Eighteenth Precinct.

Thomas Gorman, Eighth Precinct.

Special Patrolman Appointed.

Charles McMonagle, for James A. Hearn & Son.

Judgments—Fines Imposed.

Patrolman Dennis A. Nolan, Thirty-fifth Precinct, conduct unbecoming an officer, three days' pay.

Complaint Dismissed.

Patrolman Patrick Harty, Twenty-eighth Precinct, conduct unbecoming an officer.

Adjourned.

WM. H. KIPP, Chief Clerk.

APPROVED PAPERS.

Resolved, That water-pipes be laid in One Hundred and Thirty-sixth street, from Seventh to Eighth avenue, as provided in section 356 of the New York City Consolidation Act of 1882.

Adopted by the Board of Aldermen, May 28, 1889.

Approved by the Mayor, June 10, 1889.

Resolved, That water-mains be laid in Ninety-fifth street, from Tenth avenue to West End avenue, under the direction of the Commissioner of Public Works, in accordance with the provisions of section 356 of the New York City Consolidation Act of 1882.

Adopted by the Board of Aldermen, May 28, 1889.

Approved by the Mayor, June 10, 1889.

Resolved, That water-pipes, as now laid on the north side of Arcularius place (or One Hundred and Sixty-ninth street), to a point about three hundred feet westerly from Sheridan avenue, be extended easterly and laid along said street to Sheridan avenue, as provided in section 356 of the

Resolved, That water-pipes be laid in One Hundred and Fourteenth street, between Madison and Fifth avenues, as provided in section 356 of the New York City Consolidation Act of 1882.

Adopted by the Board of Aldermen, May 28, 1889.
Approved by the Mayor, June 10, 1889.

Resolved, That Ninety-eighth street, from Second to Third avenue, be paved with granite-block pavement, and that crosswalks be laid at the terminating avenues, where not already laid, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, May 28, 1889.
Approved by the Mayor, June 10, 1889.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,
NEW YORK, February 1, 1889.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J. GRANT, Mayor.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING WHICH ALL THE PUBLIC OFFICES IN THE CITY ARE OPEN FOR BUSINESS, AND AT WHICH EACH COURT REGULARLY OPENS AND ADJOURNS, AS WELL AS OF THE PLACES WHERE SUCH OFFICES ARE KEPT AND SUCH COURTS ARE HELD; TOGETHER WITH THE HEADS OF DEPARTMENTS AND COURTS:

EXECUTIVE DEPARTMENT

Mayor's Office.

No. 6 City Hall, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.
HUGH J. GRANT, Mayor. THOMAS C. T. CRAIN, Secretary and Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.
DANIEL ENGELHARD, First Marshal.
FRANK FOX, Second Marshal.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.
MAURICE F. HOLAHAN, EDWARD P. BARKER.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.
JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FTELEY, Chief Engineer; J. C. LULLEY, Auditor.

BOARD OF ARMORY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
ADDRESS M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMON COUNCIL.

Office of Clerk of Common Council.
No. 8 City Hall, 9 A. M. to 4 P. M.
JOHN H. V. ARNOLD, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.
WILLIAM H. KURODE, City Librarian.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.
No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS F. GILROY, Commissioner; BERNARD F. MARTIN, Deputy Commissioner.

Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WM. M. DEAN, Superintendent.

Engineer-in-Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
HORACE LOOMIS, Engineer-in-Charge.

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WILLIAM G. BERGEN, Superintendent.

Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WM. H. BURKE, Water Purveyor.

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN MCGOWAN, Superintendent.

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEO. E. BABCOCK, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN RICHARDSON, Superintendent.

Keeper of Buildings in City Hall Park.

MARTIN J. KEENE, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.
No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

THEODORE W. MYERS, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WILLIAM J. LYON, First Auditor.
DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.

No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

JAMES DALY, Collector of the City Revenue and Superintendent of Markets.

No money received after 2 P. M.

Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.

GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.

No money received after 2 P. M.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

RICHARD CROKER, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.

JOHN H. TIMMERMANN, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.

Saturdays, 9 A. M. to 4 P. M.

WILLIAM H. CLARK, Counsel to the Corporation.

ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.

CHARLES E. LYDECKER, Public Administrator.

Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.

WILLIAM A. BOYD, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.

President; WILLIAM H. KIFF, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.

HENRY H. PORTER, President; GEORGE F. BRITTON, Secretary.

Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.

Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M.

Hugh DONNELLY, Clerk.

Out-Door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M.

WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

Office hours for all, except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 12 M.

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.

President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

HUGH BONNER, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

JAMES MITCHELL, Fire Marshal.

Bureau of Inspection of Buildings.

THOMAS J. BRADY, Superintendent of Buildings.

Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent.

Central Office open at all hours.

Repair Shops.

Nos. 128 and 130 West Third street.

JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues.

JOSEPH SHEA, Foreman-in-Charge.

Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.

CHARLES G. WILSON, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.

WALDO HUTCHINS, President; CHARLES DE F. BURNS, Secretary.

Office of Topographical Engineer.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

Department of Docks.

Battery, Pier A, North river.

EDWIN A. POST, President; G. KEMBLE, Secretary.

Office hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.

MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.

Office Bureau Collection of Arrears of Personal Taxes.

No. 53 Chambers street, Room 41, 9 A. M. to 4 P. M.

CHARLES S. BEARDSLEY, Attorney; SAMUEL BARRY Clerk.

DEPARTMENT OF STREET CLEANING.

49 and 51 Chambers street, Office hours, 9 A. M. to 4 P. M.

JAMES S. COLEMAN, Commissioner; ALBERT H. ROGERS, Deputy Commissioner; R. W. HORNER, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.

ally to the intersection of Jay and West streets; thence along West street to the place of beginning.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on July 20, 1889.

EDWARD GILON, Chairman,
PATRICK M. HAVERTY,
CHARLES E. WENDT,
EDWARD CAHILL,

Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 27 CHAMBERS STREET,
NEW YORK, June 19, 1889.

CAS COMMISSION.

PROPOSAL AND CONTRACT FOR FURNISHING, OPERATING AND MAINTAINING ELECTRIC LAMPS.

DEPARTMENT OF PUBLIC WORKS.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES FOR FURNISHING, OPERATING AND MAINTAINING ELECTRIC LAMPS for the period commencing August 1, 1889, and ending April 30, 1890, for lighting such of the following-named streets or parts of streets, parks and public places of the City of New York as may be determined upon by the Mayor, Comptroller and Commissioner of Public Works after the estimates are opened, viz.:

	Lamps.
Avenue B, from Houston street to Fourteenth street.	12
Avenue D, from Houston street to Fourteenth street.	12
First avenue, from Houston street to Fourteenth street.	13
Third avenue, from Bowery to Harlem Bridge.	13
Third avenue, from Harlem Bridge to Willis avenue.	20
Fourth avenue, from Bowery to Forty-second street.	38
Fifth avenue, from Washington Square to Fifty-ninth street.	51
Sixth avenue, from Carmine street to Thirty-third street.	29
Seventh avenue, from Fourteenth street to Fifty-ninth street.	43
Eighth avenue, from Fourteenth street to Fifty-ninth street.	41
Tenth avenue, from Fourteenth street to Fifty-ninth street.	42
Thirteenth avenue, from Gansevoort street to Bloomfield street.	3
Eighth street, from Sixth avenue to Fourth avenue.	12
Tenth street, from Second avenue to East river.	26
Fourteenth street, from North river to East river.	20
Twenty-third street, from North river to East river.	35
Thirty-fourth street, from North river to East river.	36
Forty-second street, from North river to East river.	37
Fifty-ninth street, from Third avenue to Ninth avenue.	22
One Hundred and Twenty-fifth street, from East river to Ninth avenue.	6
One Hundred and Thirty-eighth street, from Third avenue to Madison Avenue Bridge.	7
Barclay street, from Broadway to North river.	20
Battery Park.	34
Bleecker street, from Bowery to Thirteenth street.	1
Bloomfield street, between West street and Thirteenth avenue.	28
Bowery, from Park Row to Third avenue.	100
Broadway, from Battery place to Fifty-ninth street.	12
Canal street, from Bowery to North river.	13
Catharine street, from East Broadway to East river.	6
Centre street, from Brooklyn Bridge to Broome street.	21
Chambers street, from North river to East river.	15
Christopher street, from West street to Sixth avenue.	21
City Hall Park.	12
Cortlandt street, from Broadway to North river.	13
East Broadway, from Chatham Square to Grand street.	6
Fulton street, from North river to East river.	20
Gansevoort Market Square.	13
Gansevoort street, between West street and Thirteenth avenue.	1
Greenwich street, from Battery place to Chambers street.	18
Grand street, from East river to Sullivan street.	33
Harlem Bridge (1/4th avenue) fixed spans.	4
Houston street, from East river to Mulberry street.	23
Irving place, from Fourteenth street to Twentieth street.	6
Liberty street, from Broadway to North river.	14
Madison Park.	14
Mount Morris Park.	19
Park Row, from Ann street to Bowery.	14
South street, from Whitehall street to Grand street.	64
South Fifth avenue, from Canal street to Washington Square.	14
Stuyvesant Park, West.	8
Stuyvesant Park, East.	5
Stuyvesant street, from Eighth street to Tenth street.	52
Tompkins Park.	3
Union Park.	16
Washington Park.	9
West street, from 1/4th place to West Eleventh street.	15
West Broadway, from Chambers street to Canal street.	10
West Washington Market.	12
Whitehall street, from Bowling Green to South Ferry.	6
Total.	1,340

Estimates for the above will be received at the office of the Commissioner of Public Works, No. 31 Chambers street, in the City of New York, until 12 o'clock m. of Tuesday, July 2, 1889, at which place and time they will be publicly opened by said Commissioner and read.

Any person making an estimate for the above shall furnish the same in a sealed envelope, indorsed "Estimate for furnishing, operating and maintaining electric lamps," and also with the name of the person making the same and the date of its presentation.

Bidders are required to state, in their estimates, their names and places of residence, the names of all persons interested with them therein; and if no other person be so interested, they shall distinctly state the fact; also that it is made without any connection with any other person making an estimate for the same supplies and work, and that it is in all respects fair and without collusion or fraud; and, also, that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates.

The attention of bidders is called to the provisions of specification 3 and paragraph O in the annexed form of agreement.

Blank forms of estimates can be obtained on application at the office of the Commissioner of Public Works.

NEW YORK, June 17, 1889.
HUGH J. GRANT,
Mayor.
THEODORE W. MYERS,
Comptroller.
THOMAS F. GILROY,
Commissioner of Public Works.

THE CITY RECORD.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 18, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE

materials and labor and doing the work required for constructing and erecting a building on the north side of West Ninety-ninth street between Ninth and Tenth avenues, for a Hospital and Training Stable for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 3, 1889, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings which form part of these proposals.

The form of the agreement and the specifications, showing the manner of payment for the work, and forms of proposals, may be obtained and the plans may be seen at the office of the Fire Department.

Bidders must write out the amount of their estimate in addition to inserting the same in figures.

The work is to be completed and delivered within one hundred and fifty (150) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty (20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the bid or estimate, they will, on its being so awarded, become bound as sureties for its faithful performance, in the sum of ten thousand (10,000) dollars, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance, in the sum of ten thousand (10,000) dollars, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall be accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five hundred (500) dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS,
FIRE DEPARTMENT, CITY OF NEW YORK,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 18, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing and erecting a building at No. 432 West Thirty-sixth street, for a Hook and Ladder Company for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 3, 1889, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings which form part of these proposals.

The form of the agreement and the specifications, showing the manner of payment for the work and forms of proposals, may be obtained and the plans may be seen at the office of the Fire Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The work is to be completed and delivered within one hundred and fifty (150) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty (20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of nine thousand $9,000$ dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of four hundred and fifty 450 dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 14, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required in building the Hull for a New Floating Engine for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, June 26, 1889, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to "Schedule A," and the "General Clauses" and "Steam Trials" clauses of the specifications and to the drawings, all of which form part of these proposals.

The forms of the agreement, with specifications, showing the manner of payment for the work and the drawings, may be seen, and forms of proposals may be obtained at the office of the Department.

Bidders must write out the amount of their estimate in addition to inserting the same in figures.

The work is to be completed and delivered within one hundred and fifty 150 working days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at thirty 30 dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance, in the sum of twenty-four thousand $24,000$ dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five hundred 500 dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of six hundred 600 dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 14, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required in building a New Floating Engine complete, except the fire pumps, for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, June 26, 1889, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and to the drawings, all of which form part of these proposals.

The forms of the agreement, with specifications, showing the manner of payment for the work and the drawings, may be seen, and forms of proposals may be obtained at the office of the Department.

Bidders must write out the amount of their estimate in addition to inserting the same in figures.

The work is to be completed and delivered within one hundred and fifty 150 working days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at thirty 30 dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of eight thousand $8,000$ dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of four hundred 400 dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance, in the sum of twenty-four thousand $24,000$ dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five hundred 500 dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 14, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required in building the Engine and all auxiliary machinery for New Floating Engine for this Department will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, June 26, 1889, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to "Schedule D" and the "General Clauses" and "Steam Trials" clauses of the specifications and to the drawings, all of which form a part of these proposals.

The terms of the agreement with specifications, showing the manner of payment for the work and the drawings, may be seen and forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The work is to be completed and delivered within one hundred and fifty 150 working days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at thirty 30 dollars per day.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law.

The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of four hundred 400 dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be

has any duty or office in respect to patients in the course of treatment, or persons who apply for treatment or care at a dispensary or hospital, to see that a report is immediately made to the Health Department of the City of New York of every person infected with a contagious disease who comes to their knowledge, and that such person or persons so infected are properly isolated and kept separate from other persons and other patients.

[L. S.] JAMES C. BAYLES,
President.
EMMONS CLARK,
Secretary.

HEALTH DEPARTMENT, No. 301 MOTT STREET,
NEW YORK, January 31, 1888.

AT A MEETING OF THE BOARD OF THE SANITARY CODE of the Health Department of the City of New York, held at its office, No. 301 Mott street, January 27, 1888, the following resolution was adopted:

Resolved, That section 18 of the Sanitary Code be and is hereby amended so as to read as follows:

Sec. 18. That no owner or lessor of any building, or any part thereof, shall lease or let, or hire out the same or any portion thereof, to be occupied by any person, or allow the same to be occupied, as a place in which, or for any one, to dwell or lodge, except when said buildings or such parts thereof are sufficiently lighted, ventilated, provided and accommodated, and are in all respects in that condition of cleanliness and wholesomeness, for which this Code or any law of this State provides, or in which they or either of them require any such premises to be kept. Nor shall any such person rent, let, hire out, or allow, having power to prevent the same to be used as or for a place of sleeping or residence, any portion or apartment of any building, which apartment or portion has not at least one foot of its height and space above the level of every part of the sidewalk and curbstone of any adjacent street, nor of which the floor is damp by reason of water from the ground, or which is impregnated or penetrated by any offensive gas, smell, or exhalation prejudicial to health. But this section shall not prevent the leasing, renting, or occupancy of cellars or rooms less elevated than aforesaid and as a part of any building rented or let, when they are not let or intended to be occupied or used by any person as a sleeping apartment, or as a principal or sole dwelling apartment.

[L. S.] JAMES C. BAYLES,
President.
EMMONS CLARK,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

TO CONTRACTORS.

FOR MATERIALS AND WORKMANSHIP REQUIRED FOR COVERING WITH TIN MANSARD ROOF, AND REPAIRING AND REPAINTING ALL OF THE EXTERIOR OF THE DEPARTMENT BUILDING, THIRD AVENUE AND ELEVENTH STREET, NEW YORK CITY.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 9:30 o'clock A. M. Wednesday, July 10, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed, "Bid or Estimate for covering roof with Tin, Painting, etc., Building, Third Avenue and Eleventh street," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **ONE THOUSAND (\$1,000) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as soon as practicable after the opening of the bids.

The award of the contract will be made as soon as practicable after the opening of the bids. Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **SIXTEEN HUNDRED (\$1,600) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The bid or estimate must be verified by the oath, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract.

Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as soon as practicable after the opening of the bids.

The award of the contract will be made as soon as practicable after the opening of the bids. Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **SIXTEEN HUNDRED (\$1,600) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The bid or estimate must be verified by the oath, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract.

Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as soon as practicable after the opening of the bids.

The award of the contract will be made as soon as practicable after the opening of the bids. Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **SIXTEEN HUNDRED (\$1,600) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The bid or estimate must be verified by the oath, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract.

Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as soon as practicable after the opening of the bids.

The award of the contract will be made as soon as practicable after the opening of the bids. Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **SIXTEEN HUNDRED (\$1,600) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The bid or estimate must be verified by the oath, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract.

Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for

mers stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1888, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept, but do not execute, the contract and provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department; and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated NEW YORK, June 15, 1889.

HENRY H. PORTER, President,
CHARLES E. SIMMONS, M.D., Commissioner
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, June 20, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from Pier 33, North river—Unknown man, aged about 30 years; 5 feet 9 inches high; dark brown hair, sandy moustache. Had on brown plaid coat, pants and vest, red and white striped shirt, white knit under-hair and drawers, black cotton socks, laced shoes, tattoo mark J. E on right forearm and anchor on left forearm.

Unknown man from foot of Franklin street, aged about 35 years; 5 feet 11 inches high; body in an advanced state of decomposition; about seven months in water. Had on brown check coat, vest and pants, gray woolen shirt and drawers, blue check jumper, dark gray socks, laced shoes.

Unknown man, from Broadway and Thirty-seventh street; 5 feet 7½ inches high; body charred from fire which took place in April, 1889.

At Charity Hospital, Blackwell's Island—Cola Vincenzo, aged 53 years; 5 feet 8½ inches high; dark hair and eyes. Had on when admitted dark coat, vest and pants, colored shirt, black derby hat, shoes.

At N. Y. City Asylum for Insane, Blackwell's Island—Christina Treastham, aged 42 years; 5 feet 1½ inches high; brown hair, gray eyes. Transferred from Workhouse January 14, 1885.

At Homoeopathic Hospital, Ward's Island—August Biolalum, aged 49 years; 5 feet 8 inches high; black hair, gray eyes. Had on when admitted dark mixed coat, black vest, black and white striped pants, gaiters, black derby hat.

Nothing known of their friends or relatives.

By order,
G. F. BRITTON, Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, June 10, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from Pier 33, North river—Unknown man; body in an advanced state of decomposition; about eight months in water. Had on black diagonal vest and pants, blue flannel shirt, gray woolen socks, gaiters.

Unknown man, from Pier 6, North river, aged about 30 years; 5 feet 7 inches high; dark brown hair, sandy moustache. Had on dark blue coat and vest, gray and white striped pants, blue flannel undershirt and drawers, red woolen socks, laced shoes.

Unknown man, from Pier 24, East river, aged about 40 years; 5 feet 8 inches high; light brown hair, sandy moustache. Had on dark brown coat, dark ribbed vest, gray pants, black diagonal pants, blue cotton jumper, gray woolen undershirt, blue flannel drawers, white cotton socks, laced shoes.

At Almshouse, Blackwell's Island—George McMahon, aged 54 years. Admitted December 20, 1883.

At New York City Asylum for Insane, Blackwell's Island—Mary A. Madison, aged 36 years; 5 feet 1 inch high; black hair; blue eyes. Had on when admitted black dress and wrap, white petticoat, black hat.

Nothing known of their friends or relatives.

By order,
G. F. BRITTON, Secretary.

FINANCE DEPARTMENT.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1852 to 1887, prepared under the direction of the Commissioners of Records.

Grantors, grantees, suits in equity, insolvents' and Sheriff's sales in 61 volumes, full bound, price \$100 00 The same in 25 volumes, half bound 50 00 Complete sets, folded, ready for binding 15 00 Records of Judgments, 25 volumes, bound 10 00 Orders should be addressed to "Mr. Stephen Angell, Room 23, Stewart Building."

THEODORE W. MYERS,
Comptroller.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, No. 146 Grand street, by the School Trustees of the Twenty-fourth Ward, until 9:30 o'clock A.M., on Monday, July 1, 1889, for making General Repairs at Grammar School Building No. 65 and Primary School Building No. 45.

FLMER A. ALLEN, Chairman,

LOUIS EICKWORT, Secretary,
Board of School Trustees, Twenty-fourth Ward.

Sealed proposals will also be received by the School Trustees of the Eleventh Ward, until 10:30 o'clock A.M., on the same date and at place above named, for making Sanitary Alterations, etc., at Grammar School Building No. 22, and Primary School Building No. 31.

WILLIAM A. GRAHAM, Chairman,

P. J. McCUE, Secretary,
Board of School Trustees, Eleventh Ward.

Sealed proposals will also be received by the School Trustees of the Nineteenth Ward, until 3 o'clock P.M., on the same date and at place above named, for making Sanitary Alterations, etc., at Grammar School Buildings Nos. 18, 59, 75 and 77; also, for making General Repairs at Grammar School Buildings Nos. 18, 53, 59, 73, 74, 76 and 82.

RICHARD KELLY, Chairman,

L. M. BORNTHAL, Secretary,
Board of School Trustees, Nineteenth Ward.

Sealed proposals will also be received by the School Trustees of the Twentieth Ward until 2 o'clock P.M., on the same date and at place above named, for making Sanitary Alterations, etc., at Grammar School Buildings Nos. 26 and 48; also for making General Repairs at Grammar School Buildings Nos. 26, 32, 33 and 48, and Primary School Building No. 27.

JOHN H. TIETJEN, Chairman,

JOSEPH MOSS, Secretary,
Board of School Trustees, Twentieth Ward.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Trustees reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

Dated NEW YORK, June 18, 1889.

HENRY H. PORTER, President,
CHARLES E. SIMMONS, M.D., Commissioner
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, June 20, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from Pier 33, North river—Unknown man, aged about 30 years; 5 feet 9 inches high; dark brown hair, sandy moustache. Had on brown plaid coat, pants and vest, red and white striped shirt, white knit under-hair and drawers, black cotton socks, laced shoes, tattoo mark J. E on right forearm and anchor on left forearm.

Unknown man from foot of Franklin street, aged about 35 years; 5 feet 11 inches high; body in an advanced state of decomposition; about seven months in water. Had on brown check coat, vest and pants, gray woolen shirt and drawers, blue check jumper, dark gray socks, laced shoes.

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At Homoeopathic Hospital, Ward's Island—August Biolalum, aged 49 years; 5 feet 8 inches high; black hair, gray eyes. Had on when admitted dark mixed coat, black vest, black and white striped pants, gaiters, black derby hat.

Nothing known of their friends or relatives.

By order,
G. F. BRITTON, Secretary.

MUNICIPAL BUILDINGS.

PLANS FOR A MUNICIPAL BUILDING IN THE CITY OF NEW YORK.

NOTICE TO ARCHITECTS.

IN ACCORDANCE WITH THE PROVISIONS of chapter 81 of the Laws of 1889, entitled "An act to provide for the erection of a building for certain purposes relating to the public interests in the City of New York," passed March 27, 1889, the Board of Commissioners thereby constituted will, until the first day of August, 1889, receive plans and specifications for a New Municipal Building, provided for in said statute, to be erected in the City Hall Park, upon the plot of ground east of the City Hall and the New County Court-house.

A diagram showing the ground plan of the proposed building, and instructions to architects, enumerating the requirements in the submission of plans, can be obtained on application at the Comptroller's office.

Four premiums will be awarded, as follows:

For the plans adjudged to be the best, a premium of \$1,500 will be paid; and, in the event of their adoption by the Board of Commissioners, the author will be appointed to the superintendence of the construction of the building, with the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

For the plans adjudged to be the second best, a premium of \$1,000 will be paid, and for the plans adjudged to be the third and fourth best, premiums of \$500 each will be paid.

In the examination and judgment of plans the Board will be assisted by a Committee to be appointed by the Mayor, consisting of not more than three competent architects and a civil engineer.

All plans submitted for competition, for which premiums are awarded, shall become the property of the city, and all plans must be filed with the Comptroller on or before the date mentioned. Each plan submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope, giving the real name of the author of the plans so designated, which shall be opened by the Mayor in the presence of the Board, after the premiums shall have been awarded.

THEO. W. MYERS,
Comptroller,
RICHARD CROKER,
Chamberlain,
WALTON STORM,
Chairman Finance Committee,
Board of Aldermen,

Committee of
Commissioners
constituted
by chapter 81,
Laws of 1889.

Nothing known of their friends or relatives.

By order,
G. F. BRITTON, Secretary.

DEPARTMENT OF PUBLIC PARKS.

DEPARTMENT OF PUBLIC PARKS.

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC PARKS,
Nos. 49 and 51 CHAMBERS STREET,
June 7, 1889.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Department of Public Parks, in the City of New York, will, on the 26th day of June, 1889, at 2 o'clock P.M., at their office in the Emigrants' Savings Bank Building, Nos. 49 and 51 Chambers street, in said city, hear and consider all statements, objections and evidence that may then and there be offered in reference to the proposed change of street system in a part of the "Central District," Twenty-fourth Ward, lying between Jerome avenue and the Bronx Park and Bronx river, from the Southern Boulevard to Woodlawn Cemetery, and the proposed grades of the several streets within said bounds, in pursuance of the provisions of chapter 721 of the Laws of 1887.

The general character and extent of the contemplated change consist in changing the location, width, course, windings, lines and grades of, and discontinuing and closing, in whole or in part, certain avenues, streets, roads and public places, readopting, extending and laying out others to take their places, and fixing and establishing the grades of the several revised streets, etc., in that part of the Central District above described.

A map showing the contemplated change is now on exhibition in said office.

J. HAMPDEN ROBB,
M. C. D. BORDEN,
WALDO HUTCHINS,
STEVENSON TOWLE,
Commissioners of the Department of Public Parks.

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC PARKS,
Nos. 49 and 51 CHAMBERS STREET,
June 7, 1889.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Department of Public Parks, in the City of New York, will, on the 26th day of June, 1889, at 2 o'clock P.M., at their office in the Emigrants' Savings Bank Building, Nos. 49 and 51 Chambers street, in said city, hear and consider all statements, objections and evidence that may then and there be offered in reference to the proposed change of classification of Teller place, in the Twenty-third Ward, in pursuance of the provisions of chapter 721 of the Laws of 1887.

The general character and extent of the contemplated change consist in changing the class of Teller place from a street of the third class to a street of the first class, from the Melrose Depot Plot of the New York and Harlem Railroad to Courtland avenue.

A map showing the contemplated changes is on exhibition in said office.

J. HAMPDEN ROBB,
M. C. D. BORDEN,
WALDO HUTCHINS,
STEVENSON TOWLE,
Commissioners of Public Parks.

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC PARKS,
Nos. 49 and 51 CHAMBERS STREET,
June 7, 1889.

NOTICE IS HEREBY GIVEN THAT THE DEPARTMENT OF PUBLIC PARKS WILL sell at Public Auction, by Van Tassel & Kearney, Auctioneers, on Wednesday, June 26, 1889, at 10 o'clock A.M., at the Sheepfield, Sixty-sixth street and Eighth avenue, Central Park, the following:

One lot of Sheep Fleece
Four 5-year-old Ewes
One 2-year-old Ewe
One Yearling Ewe
Thirty Ram Lambs, three months old
Five Ewe Lambs, three months old.

TERMS OF SALE.
The purchase-money to be paid in bankable funds at the time of sale.
Purchases to be removed immediately after the sale.
By order of the Department of Public Parks.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of Fourth street, near First avenue, in the Seventeenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

Term thereof, to be held at Chambers in the County Court-house in the City of New York, on the twenty-seventh day of June, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, May 11, 1889.

DENIS A. SPELLISY,
GILBERT M. SPEIR, JR.,
CHARLES W. DAYTON,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may, within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the 8th day of July, 1889, at 2 o'clock p.m., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York at a special term thereof, to be held at Chambers in the County Court-house in the City of New York, on the 18th day of July, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, May 27, 1889.

GEORGE F. LANGBEIN,
HORATIO HENRIKES,
MICHAEL J. MULQUEEN,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Department of Public Works, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND SIXTIETH STREET, between Kingsbridge road and Eleventh avenue.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands at the northwest corner of Delancey and Ludlow streets, in the Tenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may, within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the nineteenth day of June, 1889, at 2 o'clock p.m., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York at a Special Term thereof, to be held at Chambers in the County Court-house, in the City of New York, on the 27th day of June, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, May 8, 1889.

JOSEPH E. NEWBURGER,
THOMAS F. GRADY,
ADOLPH L. SANGER,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding or in any of the lands affected thereby, and to all others whom it may concern:

That it is our intention to present our supplemental or amended report herein to the Supreme Court of the State of New York for confirmation, at a Special Term thereof, to be held at the Chambers thereof in the County Court-house, in the City Hall in the City of New York, on the 3d day of July, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon; that an abstract of our amended estimate and assessment, together with our maps and all the affidavits, estimates and other documents used by us in making our supplemental or amended report, have been deposited in the office of the Department of Public Works in the City of New York, there to remain until the 20th day of June, 1889; that all persons interested in this proceeding or in any of the lands affected thereby and who may be opposed to the same do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 20th day of June, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 20th day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 4 o'clock p.m.; that the said area assessed for benefit in this proceeding has been extended by us so as to embrace, in addition to the land heretofore assessed, all the land included within the following described limits:

First—Beginning at a point the northeasterly corner of One Hundred and Sixtieth street and Kingsbridge road, running thence easterly along the northerly line of One Hundred and Sixtieth street, distance 90 feet; thence northerly, distance 55 feet 3 1/2 inches; thence westerly and parallel with One Hundred and Sixtieth street, distance 95 feet 1 1/2 inches, to the easterly line of Kingsbridge road; thence southerly along said line, distance 55 feet 8 1/2 inches, to the point or place of beginning.

Second—Beginning at a point the southeasterly corner of One Hundred and Sixtieth street and Kingsbridge road, running thence easterly along the southerly line of One Hundred and Sixtieth street, distance 112 feet 4 1/2 inches; thence southerly and at right angles to One Hundred and Sixtieth street, distance 100 feet; thence westerly and parallel with One Hundred and Sixtieth street, distance 93 feet 8 1/2 inches, to the easterly line of Kingsbridge road; thence northerly along said line, distance 101 feet 8 1/2 inches, to the point or place of beginning, as such area is shown upon our benefit map deposited as aforesaid.

JOHN WHALEN,
J. DANA JONES,
EDWARD HOGAN,
Commissioners.

Dated NEW YORK, May 10, 1889.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands at the northwest corner of Sixty-eighth street and Tenth avenue, in the Twenty-second Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may, within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 8th day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock p.m.

Dated NEW YORK, May 6, 1889.

PETER B. OLNEY,
JAMES M. VARNUM,
MATTHEW CHALMERS,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND THIRTY-NINTH STREET, from Eighth to Edgcombe avenue, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 8th day of June, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 8th day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock p.m.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the eighth day of June, 1889.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the block between One Hundred and Thirty-ninth street and One Hundred and Thirty-seventh street; easterly by the centre line of the block between One Hundred and Thirty-seventh street and One Hundred and Thirty-eighth street, and westerly by the easterly side of Edgcombe avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twenty-eighth day of June, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, April 27, 1889.

street and One Hundred and Fortieth street; easterly by the westerly side of Eighth avenue; southerly by the centre line of the block between One Hundred and Thirty-eighth street and One Hundred and Thirty-ninth street, and westerly by the easterly side of Edgcombe avenue, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twenty-eighth day of June, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, April 27, 1889.

EDWARD J. DUNPHY,
EDWARD L. PARRIS,
LOUIS COHEN,
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands at the northwest corner of Delancey and Ludlow streets, in the Tenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 8th day of June, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 8th day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 4 o'clock p.m.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the eighth day of June, 1889.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One-Hundred and Forty-first street and East One-Hundred and Forty-second street; easterly by the centre line of the blocks between East One-Hundred and Forty-second street and East One-Hundred and Forty-third street; southerly by the centre line of the blocks between East One-Hundred and Forty-third street and East One-Hundred and Forty-fourth street; westerly by the easterly side of Brook avenue; southerly by the centre line of the blocks between East One-Hundred and Forty-third street and East One-Hundred and Forty-fourth street; and westerly by the easterly side of Morris avenue, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the Laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twenty-eighth day of June, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, April 26, 1889.

EDWARD L. PARRIS,
THOMAS C. T. CRAIN,
JOHN J. CLARKE,
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND THIRTY-EIGHTH STREET, from Eighth to Edgcombe avenue, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 8th day of June, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 8th day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock p.m.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the eighth day of June, 1889.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the block between One Hundred and Thirty-ninth street and One Hundred and Forty-first street; easterly by the centre line of the block between One Hundred and Thirty-ninth street and One Hundred and Forty-second street; southerly by the centre line of the block between One Hundred and Forty-second street and One Hundred and Forty-third street; and westerly by the easterly side of Edgcombe avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twenty-eighth day of June, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, April 27, 1889.

EDWARD L. PARRIS,
LOUIS COHEN,
EDWARD J. DUNPHY,
Commissioners.

CARROLL BERRY, Clerk.

JURORS.

NOTICE OF COMMISSIONER OF JURORS
IN REGARD TO CLAIMS FOR EXEMPTION FROM JURY DUTY.

ROOM 127, STEWART BUILDING,
NO. 280 BROADWAY, THIRD FLOOR,
NEW YORK, June 1, 1889.

CLAIMS FOR EXEMPTION FROM JURY DUTY
duty will be heard by me daily at my office, from 9 A.M. until 4 P.M.

Those entitled to exemption are: Clergymen, lawyers, physicians, surgeons, surgeon-dentists, professors or teachers in a college, academy or public school, licensed pharmacists or pharmacists, actually engaged in their respective professions and not following any other calling; militiamen, policemen, and firemen; election officers, jury non-residents, and city employees, and United States employees; officers of vessels making regular trips; licensed pilots, actually following that calling; superintendents, conductors and engineers of a railroad company other than a street railroad company; telegraph operators actually doing duty as such; Grand, Sheriff's, and Civil Court jurors; stationary engineers; and persons physically incapable of

the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 10, No. 31 Chambers street.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, JUNE 19, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock m. Tuesday, July 2, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF SIXTY-SEVENTH STREET, from Ninth avenue to the Boulevard.

No. 2. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND THIRTY-FIRST STREET, between Tenth avenue and Broadway.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation is directly or indirectly interested in the estimate, or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 1, No. 31 Chambers street.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS ST.,
NEW YORK, JUNE 13, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock m. Tuesday, June 25, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR REGULATING AND GRADING ONE HUNDRED AND THIRTY-FIRST STREET, from Boulevard to Twelfth avenue, and SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

No. 2. FOR REGULATING AND GRADING ONE HUNDRED AND FORTY-SEVENTH STREET, from the Boulevard westerly a distance of 500 feet, and SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 5, No. 31 Chambers street.

THOMAS F. GILROY,
Commissioner of Public Works.

REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF JOHN NEWTON, COMMISSIONER OF PUBLIC WORKS.

UNDER CHAPTER 410, LAWS 1882, SECTIONS 350, 351, 352 and 353, and as amended by chapter 559, Laws 1887, as follows:

"The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be apportioned to different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common purposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to time, and extend it to other descriptions of buildings and establishments. All extra charges for water shall be deemed to be included in the regular rents, and shall become a charge and lie upon the buildings upon which they are respectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears.

Such regular rents, including the extra charges above mentioned, shall be collected from the owners or occupants of all such buildings respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water. Said rents, including the extra charges aforesaid, shall become a charge and lie upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters. * * * * *

The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of such reasonable rules as he may, from time to time, prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents."

The regular annual rents to be collected by the Department of Public Works shall be as follows, to wit:

Croton Water Rates for Buildings from 10 to 50 feet, all others not specified subject to Special Rates

FRONT WIDTH.	1 Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories.
16 feet and under.	\$4 00	\$5 00	\$6 00	\$7 00	\$8 00
16 to 18 feet....	5 00	6 00	7 00	8 00	9 00
18 to 20 feet....	6 00	7 00	8 00	9 00	10 00
20 to 22 1/2 feet....	7 00	8 00	9 00	10 00	11 00
22 1/2 to 25 feet....	8 00	9 00	10 00	11 00	12 00
25 to 30 feet....	10 00	11 00	12 00	13 00	14 00
30 to 37 1/2 feet....	12 00	13 00	14 00	15 00	16 00
37 1/2 to 50 feet....	14 00	15 00	16 00	17 00	18 00

The rent of all tenements which shall exceed in width fifty feet shall be the subject of special contract with the Commissioner of Public Works.

The apportionment of the regular rents upon dwelling-houses are on the basis that but one family is to occupy the same, and for each additional family, one dollar per year shall be charged.

METERS will be placed on all houses where waste of water is found, and they will be charged at rates fixed by the Department for all the water passing through them.

The extra and miscellaneous rates shall be as follows, to wit:

BAKERS.—For the average daily use of flour, for each barrel, three dollars per annum.

BARBER SHOPS shall be charged from five to twenty dollars per annum each in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bathtub therein.

BATHING TUBS in private houses, beyond one, shall be charged at three dollars per annum each, and five dollars per annum each in public houses, boarding-houses, and bathing establishments. Combination stationary wash-tubs, having a movable division in the centre and capable of use for bathing, shall be charged the same as bathing tubs.

BUILDING PURPOSES.—For each one thousand bricks laid, or for stone-work—to be measured as brick—ten cents per thousand. For plastering, forty cents per hundred yards.

COWS.—For each and every cow, one dollar per annum. DINING SALOONS shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

FISH STANDS (retail) shall be charged five dollars per annum each.

For all stables not metered, the rates shall be as follows:

HORSES, PRIVATE.—For two horses there shall be charged six dollars per annum; and for each additional horse, two dollars.

HORSES, LIVERY.—For each horse up to and not exceeding thirty in number, one dollar and fifty cents each per annum; and for each additional horse, one dollar.

HORSES, OMNIBUS AND CART.—For each horse, one dollar per annum.

HORSE TROUGH.—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

HOTELS AND BOARDING HOUSES shall, in addition to the regular rate for private families, be charged for each lodging room, at the discretion of the Commissioner of Public Works.

LAUNDRIES shall be charged from eight to twenty dollars per annum, in the discretion of the Commissioner of Public Works.

LIQUOR AND LAGER BEER SALOONS shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

PHOTOGRAPH GALLERIES shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

PRINTING OFFICES when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

SODA, MINERAL WATER and ROOT BEER FOUNTAINS shall be charged five dollars per annum each.

STEAM ENGINES where not metered, shall be charged by the horse-power, as follows: For each horse-power up to and not exceeding ten, the sum of ten dollars per annum; for each exceeding ten, and not over fifteen, the sum of seven dollars and fifty cents each and for each horse-power over fifteen, the sum of five dollars.

WATER-CLOSETS AND URINALS.—To each building on a lot, one water-closet having sewer connection is allowed without charge; each additional water-closet or urinal will be charged as hereinabove stated. All closets connected in any manner with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises. Urinals shall be charged two dollars per annum each.

WATER-CLOSET RATES.—For hoppers of any form, when water is supplied direct from the Croton supply, through any form of the so-called single or double valves, hopper-cocks, stop-cocks, self-closing cocks, or any valve or cock of any description attached to the closet, each, per year, twenty dollars.

For any pan closet, or any of the forms of valve, plunger, or other water-closet not before mentioned, supplied with water as above described, per year, ten dollars.

For any form of hopper or water-closet, supplied from the ordinary style of cistern filled with ball-cock, and overflow pipe that communicates with the pipe to the water-closet, so that overflow will run into the hopper or water-closet, when ball-cock is defective, or from which an unlimited amount of water can be drawn by holding up the handle, per year, each, five dollars.

For any form of hopper or water-closet, supplied from any of the forms of waste-preventing cisterns, that are approved by the Engineer of the Croton Aqueduct, which are so constructed that not more than three gallons of water can be drawn at each lift of the handle, or depression of the seat, if such cisterns are provided with an overflow pipe, such overflow pipe must not connect with the water-closet, but be carried like a safe-waste, as provided by the Board of Health regulations, per year, two dollars.

Cistern answering this description can be seen at this Department.

METERS.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops, hotels, manufactorys, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 352, Laws of 1882, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law." * * *

All manufacturing and other business requiring a large supply of water will be fitted with a meter.

Water measured by meter, ten cents per one hundred cubic feet.

Rate Without Meters.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.	PER ANNUM, AMOUNT.

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