

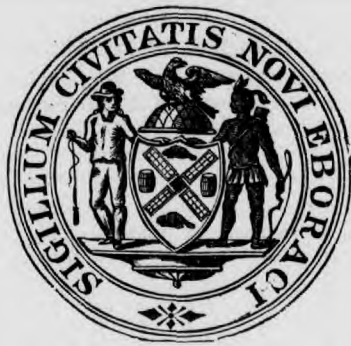
THE CITY RECORD.

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NEW YORK, SATURDAY, AUGUST 26, 1893.

NUMBER 6,173.



FIRE DEPARTMENT.

Report for the Quarter and Year ending December 31, 1892.

HEADQUARTERS FIRE DEPARTMENT—CITY OF NEW YORK,
NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,
OFFICE BOARD OF COMMISSIONERS,
NEW YORK, May 31, 1893.

To the Hon. THOMAS F. GILROY, Mayor of New York:

SIR—We have the honor to submit herewith the report of the operations and actions of this Department for the quarter ending December 31, 1892, and for the year ending on the same date:

Personnel.

Headquarters—	
Commissioners.....	3
Secretary and Assistant Secretary.....	2
Medical Officers.....	3
Bookkeepers and Clerks.....	9
Superintendent of Supplies.....	1
Assistant Superintendent of Repairs to Buildings.....	1
Janitor, Elevator Attendant, Watchmen, Engineer, Stokers and Drivers.....	10
Scrub Women.....	2
	31
Bureau Chief of Department—	
In Active Service—Uniformed Force:	
Chief of Department.....	1
Deputy Chiefs of Department.....	2
Chiefs of Battalion.....	12
Foremen.....	80
Assistant Foremen.....	101
Engineers of Steamer.....	136
Firemen { First Grade.....	602
Second Grade.....	58
Third Grade.....	77
	737
	1,069
Active—Ununiformed:	
Firemen on probation.....	6
Pilots.....	4
Engineers, } on fire-boats {.....	3
Stokers, }.....	10
	23
Total active service.....	1,092.
Relieved from service at fires—Uniformed Force:	
Chiefs of Battalion.....	2
Foremen.....	13
Assistant Foremen.....	6
Engineers of Steamer.....	11
Firemen.....	10
Firemen, First Grade.....	48
Private.....	1
	91
	1,183
Bureau of Inspector of Combustibles—	
Inspector of Combustibles.....	1
Clerks.....	3
Surveyors.....	4
Oil Collectors.....	5
	13
Bureau of Fire Marshal—	
Fire Marshal.....	1
Assistants to Fire Marshal.....	2
Clerks.....	2
	5
Attorney to the Department.....	1
Fire Alarm Telegraph—	
Superintendent of Telegraph.....	1
Chief Operator.....	1
Operators.....	5
Assistant Operators.....	4
Clerk.....	1
Inspectors of Alarm-boxes.....	2
Batteryman and Assistant Batteryman.....	2
Foreman.....	1
Linemen.....	1
Machinist.....	1
Machinists' Helper.....	1
	20
Repair Shops—	
Superintendent of Repairs to Buildings.....	1
Foreman.....	1
Clerks.....	2
Shop Engineer.....	1
Machinists.....	26
Machinists' Helpers.....	3
Boiler maker.....	1
Blacksmiths.....	7
Blacksmiths' Helpers.....	4
Wheelwrights.....	5
Wheelwrights' Helpers.....	2
Harness-maker.....	2
Harness-maker's Helper.....	1
Hose Repairers.....	2

Repair Shops—	
Hose Repairer's Helper.....	1
Painters.....	8
Watchmen.....	1
Drivers.....	5
Janitor.....	1
Laborers.....	3
Carpenter.....	1
	78
Hospital Stables—	
Foreman.....	1
Stablemen.....	4
	5
Aggregate.....	1,336

Number of Changes by Resignation, Discharge, Death, Promotion, Appointment, etc., in each Grade.

GRADE.	LOS BY										GAIN BY					Relieved from Service at Fire.
	Dropped.	Resignation.	Discharge.	Dismissal.	Reduction.	Promotion.	Death.	Appointment.	Transfer.	Total.	Appointment.	Promotion.	Reduction.	Transfer.	Total.	
<i>Headquarters.</i>																
Assistant Secretary.....	I	I	I	..	..	..	I	..
Superintendent of Supplies.....	I	..	..	I	..
Assistant Superintendent of Re- pairs to Buildings.....	I	..	..	I	..
Clerks	2	2	..	..	..	I	I	..
Chief Clerk.....	I	..	I	..	..	..	I	I	..
Engineer.....	I	..	..	..	I	..
Machinist	I	..	I	..	..	..	..	..	..
Drivers.....	3	3	..	..
Total.....	2	3	5	2	2	..	5	9	..
<i>Bureau Chief of Department.</i>																
Chief of Battalion.....	I	..	..	I	..
Foremen	I	I	..	..	..	2	..	..	..	..	..	..	..
Assistant Foremen.....	I	..	..	..	..	..	I	..	..	2	..	5	..	..	5	I
Engineers of Steamer.....	I	..	..	I	..	5	..	..	5	2
Firemen, First Grade.....	..	4	..	3	..	8	8	..	..	23	..	67	I	..	68	5
Firemen, Second Grade.....	..	3	..	I	..	68	I	..	..	73	..	48	..	..	48	..
Firemen, Third Grade.....	..	4	..	I	..	49	..	..	..	54	74	..	..	..	74	..
Ununiformed Firemen.....	I	I	..	..	..	..	..	74	..	76	57	..	..	..	57	..
Engineer.....	I	..	..	..	..	..	..	I	..	..	..	..	..	..
Stokers.....	I	..	..	..	..	..	..	I	3	..	..	..	3	..
Total.....	2	12	2	5	I	126	11	74	..	233	134	126	I	..	261	8
<i>Bureau of Combustibles.</i>																
Clerks.....	I	I	..
Surveyor.....	I	..	..	..	I	..	I	..	..	I	..
Oil Collectors	I	..	..	..	I	2	..	..	..	2	..
Total.....	2	..	..	..	2	2	I	..	I	4	..
<i>Bureau of Fire Marshal.</i>																
Assistant to Fire Marshal.....	I	..	..	..	I	..
Clerks.....	I	I	..	..	..	..	..	..
Total.....	I	I	I	..	..	..	I	..
<i>Bureau Inspection of Buildings.</i>																
Superintendent of Buildings.....	I	I	..	..	..	..	..	..
Deputy Superintendent of Buildings	2	2	..	..	..	..	..	..
Clerks.....	2	21	23	..	..	..	3	3	..
Inspectors of Buildings.....	I	..	I	..	..	62	64	13	..	..	..	13	..
Machinists to Supervise Elevators..	4	4	..	..	..	..	..	..
Messengers.....	3	3	..	..	..	..	..	..
Drivers.....	I	I	..	..	..	..	..	..
Total.....	I	..	I	..	2	94*	98	13	..	..	3	16	..
<i>Fire Alarm Telegraph.</i>																
Operator.....	I	..	..	I	..
Assistant Operator.....	I	..	..	..	I	..	..	..	..	..	..
Instrument Maker.....	I	..	..	..	..	..	..	..	..	I	I	..	..	..	I	..
Linemen.....	3	..	..	..	..	..	..	..	..	3	2	..	..	..	2	..
Machinist's Helper.....	I	..	..	..	I	..
Total.....	4	..	..	..	..	I	..	..	..	5	4	I	..	..	5	..

* To Department of Buildings created by chapter 275, Laws of 1892, June 1.

GRADE.	LOSS BY									GAIN BY					Relieved from Service at Fire.	
	Dropped.	Resignation.	Discharge.	Dismissal.	Reduction.	Promotion.	Death.	Appointment.	Transfer.	Total.	Appointment.	Promotion.	Reduction.	Transfer.		Total.
<i>Repair Shops.</i>																
Machinist.....	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..
Machinist Helper.....	1	..	..	..	..	2	..	..	..	3	..	..	..	..	..	..
Blacksmith.....	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..
Painter.....	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Wheelwright.....	1	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..
Driver.....	..	..	..	..	..	..	..	..	..	..	1	..	..	1	2	..
Total.....	3	..	..	..	..	2	1	..	..	6	2	2	..	1	5	..
<i>Hospital Stables.</i>																
Driver.....	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Stablemen.....	..	..	1	..	..	..	..	..	3	4	..	..	..	..	..	..
Total.....	..	..	1	..	..	..	..	..	4	5	..	..	..	..	..	..
<i>Recapitulation.</i>																
Headquarters.....	..	..	..	..	..	..	2	3	5	2	2	..	5	9	..	..
Bureau Chief of Department.....	2	12	2	5	1	126	11	74	..	233	134	126	1	..	261	8
Bureau of Combustibles.....	..	..	..	..	..	2	..	..	..	2	2	1	..	1	4	..
Bureau of Fire Marshal.....	..	..	..	..	..	..	..	..	1	1	1	..	..	..	1	..
Bureau Inspection of Buildings.....	..	..	..	1	..	1	..	2	94	98	13	..	..	3	16	..
Fire Alarm Telegraph.....	4	..	..	..	..	1	..	..	..	5	4	1	..	..	5	..
Repair Shops.....	3	..	..	..	..	2	1	..	..	6	2	2	..	1	5	..
Hospital Stables.....	..	..	1	..	..	..	..	..	4	5	..	..	..	..	..	..
Aggregate.....	9	12	3	6	1	132	12	78	102	355	158	132	1	10	301	8

Appropriations (including Transfers) and Expenditures.

TITLE OF APPROPRIATION.	AMOUNT OF APPROPRIATION.	EXPENDITURES.	BALANCE.
<i>For Salaries—</i>			
Headquarters.....	\$52,709 88	\$52,709 88	.....
Bureau Chief of Department.....	1,419,325 41	1,419,325 41	.....
“ Inspector of Combustibles.....	16,658 68	16,658 68	.....
“ Fire Marshal.....	8,297 84	8,297 84	.....
“ Inspection of Buildings.....	128,300 00	48,882 23 *79,417 77	.....
Attorney.....	4,000 00	4,000 00	.....
Fire Alarm Telegraph.....	26,323 19	26,323 19	.....
Repair Shops.....	66,400 00	66,393 14	\$6 86
Hospital Stables.....	6,778 00	6,778 00	.....
Total Salaries.....	\$1,728,793 00	\$1,728,786 14	\$6 86
<i>For Apparatus, Supplies, etc.—</i>			
Headquarters.....	\$319,339 00	\$315,669 96 *3,668 34	\$2 70
New Houses for Engine Companies.....	70,000 00	70,000 00	.....
Placing Fire-alarm Conductors Underground.....	80,000 00	79,992 99	7 01
Repairs and Alterations to Buildings.....	68,150 00	68,149 05	95
New Sites for Apparatus Houses.....	35,000 00	9,643 66	25,356 34
Total.....	\$572,489 00	\$547,122 00	\$25,367 00
Grand total.....	\$2,301,282 00	\$2,275,908 14	\$25,373 86

* Transferred to Department of Buildings.

Of the expenditures, the following amounts were under contracts awarded upon proposals advertised for as provided by law :

Apparatus, supplies, etc.—

For forage.....	\$39,375 00
For fuel.....	36,982 00
For new fire engine.....	16,600 00
For new hose.....	17,500 00
For new hose-wagons.....	3,900 00
For repairing trucks.....	1,985 00
For new trucks.....	3,200 00
For new water-tower.....	5,150 00
For repairs and alterations to buildings.....	20,935 00
For repairs to fire-boats.....	8,960 00
Total.....	\$154,587 00
For placing fire-alarm telegraph electrical conductors underground.....	\$72,204 56
For new houses for engine companies.....	41,868 75
Total.....	\$114,073 31
Grand total.....	\$268,660 31

Amount of Bills and Pay-rolls Audited.

Bills for 1890.....	\$645 88
Bills for 1891.....	61,452 43
Bills for 1892.....	444,487 06
Total bills.....	\$506,585 37
Pay-rolls for 1892.....	1,649,368 37
Total bills and pay-rolls.....	\$2,155,953 74

It will be seen from the above statement that all of the appropriation for “Apparatus, Supplies, etc.” was expended, as well as that “For Placing Fire-alarm Electrical Conductors Underground.” As a matter of fact, the Department was seriously hampered towards the close of the year in the effort to provide for all the absolutely necessary expenditures, chargeable to the item “Apparatus, Supplies, etc.” For the year 1893 the sum of \$453,900 was asked for this purpose in the Departmental Estimate, but the Board of Estimate and Apportionment allowed only \$385,000 therefor.

In the opinion of the Commissioners this sum is not sufficient to adequately provide for the wants of the service.

Among the sub-items requiring a larger expenditure than has been heretofore provided, coming under the general head of “Apparatus, Supplies, etc.,” are the following :

The alterations necessary to apparatus-houses to strengthen them for the introduction of heavier apparatus ; the increased cost of fuel and horse feed, and the increasing cost of maintaining the three fire-boats. Realizing the necessity of keeping within the limits of the appropriation, and, at the same time, securing as creditable an administration of the affairs of the Department as possible, extraordinary measures, looking to economy in expenditures during the present year, were immediately taken by the Commissioners.

“For Placing and Maintaining Fire-alarm Electrical Conductors Underground,” \$150,000, was asked for in the estimate, and only \$50,000 allowed. The officer in charge of this branch of the service states that it is already apparent that \$50,000 more might be advantageously spent for this purpose.

BUREAU CHIEF OF DEPARTMENT.

Company Organization, Complement of Officers and Men, Kind and Number of Apparatus, and Number of Horses, Number of Alarms Responded to, etc.

COMPANY.	No. of Officers and Men.	APPARATUS.						Total No. of Horses.	No. of Alarms Responded to.	No. of Fires Performed Duty at.	REMARKS.
		ENGINES.		Four-Wheel Hose Wagons (2 horses each.)	TENDERS		HOOK AND LADDER TRUCKS.				
		2 Horses.	3 Horses.		2 Wheel (1 Horse).	4 Wheel (2 Horses).					
Engine 1.....	12	..	1	1	..	..	..	5	169	64	
" 2.....	12	1	..	..	..	1	..	4	117	45	
" 3.....	12	1	..	1	..	..	..	4	158	44	
" 4.....	12	1	..	1	..	..	..	4	169	49	
" 5.....	20	1	1	1	1	..	..	8	142	46	
" 6.....	12	1	..	..	1	..	..	3	118	35	
" 7.....	16	1	..	..	1	..	*1	6	139	45	* Water tower.
" 8.....	12	1	..	..	..	1	..	4	174	47	
" 9.....	12	..	1	1	..	..	..	5	191	65	
" 10.....	12	1	..	..	..	1	..	4	69	26	
" 11.....	12	1	..	1	..	..	..	4	156	48	
" 12.....	20	2	..	1	1	..	..	7	175	50	
" 13.....	20	2	..	1	1	..	..	7	190	69	
" 14.....	12	..	1	1	..	..	..	5	163	87	
" 15.....	12	1	..	..	..	1	..	4	196	62	
" 16.....	20	1	1	1	1	..	..	8	191	58	
" 17.....	12	1	..	1	..	..	..	4	322	109	
" 18.....	20	1	1	1	1	..	..	8	181	58	
" 19.....	13	..	1	2	..	..	..	7	164	50	Boat tender.
" 20.....	12	1	..	1	..	..	..	4	196	75	
" 21.....	12	1	..	1	..	..	..	4	199	43	
" 22.....	12	1	..	..	..	1	..	4	167	35	
" 23.....	12	1	..	..	..	1	..	4	142	51	
" 24.....	12	1	..	1	..	..	..	4	167	63	
" 25.....	12	..	1	1	..	..	..	5	168	36	
" 26.....	20	2	..	..	..	2	..	8	195	54	
" 27.....	20	2	..	..	1	1	..	7	139	62	
" 28.....	12	1	..	..	..	1	..	4	107	34	
" 29.....	12	1	..	..	1	..	..	3	136	40	
" 30.....	12	1	..	1	..	..	..	4	138	43	
" 31.....	20	1	1	..	1	1	..	8	158	57	
" 32.....	12	1	..	1	..	..	..	4	110	47	
" 33.....	20	2	..	1	1	..	..	7	146	61	
" 34.....	12	..	1	1	..	..	..	5	98	34	
" 35.....	12	1	..	..	..	1	..	5	186	47	
" 36.....	12	1	..	..	..	1	..	4	147	48	
" 37.....	12	1	..	..	..	1	..	4	106	24	
" 38.....	12	1	..	1	..	..	1	6	50	19	
" 39.....	12	1	..	..	..	1	..	4	129	51	
" 40.....	12	1	..	1	..	..	..	4	89	29	
" 41.....	12	1	..	1	..	..	..	4	64	32	
" 42.....	8	1	..	..	..	1	..	4	23	3	
" 43.....	12	..	..	..	..	..	..	..	64	5	Floating engine
" 44.....	12	1	..	..	..	1	..	4	177	44	
" 45.....	8	1	..	..	..	1	..	4	8	5	
" 46.....	8	1	..	..	..	1	..	4	12	6	
" 47.....	12	1	..	..	..	1	..	4	86	28	
" 48.....	12	1	..	..	..	1	1	6	18	5	
" 49.....	12	1	..	..	1	..	1	5	1	..	
" 50.....	12	1	..	..	..	1	1	6	49	11	
" 51.....	12	..	..	..	..	..	..	..	180	10	Floating engine
" 52.....	12	1	..	..	..	1	1	6	12	8	
" 53.....	12	1	..	..	..	1	..	4	148	47	
" 54.....	12	1	..	..	..	1	..	4	166	54	
" 55.....	12	1	..	1	..	..	..	4	165	60	
" 56.....	12	..	1	..	..	1	..	5	89	32	
" 57.....	12	..	..	..	..	..	..	..	201	9	Floating engine
Hook and Ladder 1.....	12	..	..	..	..	..	1	3	249	150	
" 2.....	13	..	..	..	..	..	1	3	258	124	
" 3.....	16	..	..	..	..	*1	1	6	257	147	* Water tower.
" 4.....	12	..	..	..	..	..	1	3	265	143	

COMPANY.		No. of Officers and Men.	APPARATUS.								Total No. of Horses.	No. of Alarms Responded to.	No. of Fires Performed Duty at.	REMARKS.
			ENGINES.		Four-Wheel Hose Wagons (2 horses each).	TENDERS		HOOK AND LADDER TRUCKS.						
			2 Horses.	3 Horses.		2 Wheel (1 Horse).	4 Wheel (2 Horses).	2 Horses.	3 Horses.					
Hook and Ladder	5.....	20	..	..	..	..	..	..	I	I	5	260	114	
"	6.....	12	..	..	..	..	..	..	I	3	310	176		
"	7.....	12	..	..	..	..	..	..	I	3	276	149		
"	8.....	12	..	..	..	..	..	..	I	3	180	109		
"	9.....	12	..	..	..	..	..	..	I	3	301	152		
"	10.....	12	..	..	..	..	..	..	I	3	224	155		
"	11.....	12	..	..	..	..	..	..	I	3	225	128		
"	12.....	12	..	..	..	..	..	..	I	3	329	166		
"	13.....	12	..	..	..	..	..	..	I	3	195	92		
"	14.....	12	..	..	..	..	..	..	I	3	199	147		
"	15.....	13	..	..	..	..	*I	..	I	5	129	76		* Boat tender.
"	16.....	12	..	..	..	..	..	..	I	3	167	104		
"	17.....	12	..	..	..	..	..	..	I	..	2	77	58	
"	18.....	12	..	..	..	..	..	..	I	3	372	173		
"	19.....	8	..	..	I	..	I	I	..	4	32	19		
"	20.....	12	..	..	..	..	..	..	I	..	2	313	157	
"	21.....	16	..	..	..	..	..	*I	I	5	305	149		* Water tower.
"	22.....	17	..	..	..	..	..	..	I	3	101	73		
Total	.....	1,032	51	12	27	12	27	9	19	341	.....	.....

Average number of alarms responded to by each company, 159.

Average number of fires at which each company performed duty, 64.

The companies are organized into twelve battalions, consisting of from five to nine companies each and commanded by a Chief of Battalion; a Deputy Chief of Department commands the First, Second, Third, Fourth, Fifth and Sixth Battalions, and a Deputy Chief of Department commands the Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth Battalions; the entire force is commanded by the Chief of Department.

Register of Officers of the Uniformed Force in Active Service on December 31.

NAME.	ORIGINAL APPOINTMENT.			PROMOTION.	
	Age.	Grade.	Date.	Grades.	Dates.
Chief of Department.				Chief of Battalion..	May 21, 1873
Bonner, Hugh.....	27	Foreman	Sept. 18, 1865	2d Assistant Chief of Department ..	Jan. 4, 1883
				Assistant Chief of Department ..	May 1, 1884
				Chief of Department ..	May 22, 1889
Deputy Chiefs of Department.					
McCabe, John.....	26	a Fireman	Sept. 25, 1866	Assistant Foreman ..	Dec. 1, 1873
				Foreman	July 1, 1874
				Chief of Battalion ..	May 16, 1881
				b 2d Assistant Chief of Department ..	May 1, 1884
				Deputy Chief of Department ..	May 22, 1889
Reilly, Francis J.....	22	Fireman	Sept. 27, 1865	Assistant Foreman ..	Oct. 15, 1870
				c Foreman	July 1, 1871
				Assistant Foreman ..	May 1, 1872
				Foreman	June 6, 1872
				Chief of Battalion ..	Feb. 1, 1880
				d 2d Assistant Chief of Department ..	Aug. 4, 1886
				Deputy Chief of Department ..	May 22, 1889
Chiefs of Battalion.					
1. Gicquel, Benj. A.....	24	Fireman	Oct. 16, 1865	Assistant Foreman ..	Jan. 22, 1866
				Foreman	June 1, 1866
				District Engineer ..	July 1, 1871
				Chief of Battalion ..	May 21, 1873
2. Rowe, William.....	24	Foreman	Oct. 20, 1865	Chief of Battalion ..	May 21, 1873
3. Fisher, John S.....	34	Fireman	Jan. 9, 1868	Assistant Foreman ..	June 1, 1868
				Foreman	July 15, 1869
				Chief of Battalion ..	May 21, 1873
4. Campbell, Samuel.....	25	Fireman	Oct. 16, 1865	Assistant Foreman ..	Aug. 1, 1869
				Foreman	Feb. 1, 1873
				Chief of Battalion ..	Sept. 23, 1875
5. Bresnan, John J.....	22	Fireman	Oct. 20, 1865	Assistant Engineer of Steamer ..	Mar. 16, 1871
				Assistant Foreman ..	July 1, 1871
				Foreman	Mar. 1, 1873
				Chief of Battalion ..	Feb. 1, 1880
6. Lally, Thomas.....	22	Fireman	Aug. 15, 1870	Assistant Foreman ..	Apr. 21, 1873
				Foreman	Nov. 1, 1881
				Chief of Battalion ..	May 1, 1884
7. Purroy, Charles D.....	24	Private	Jan. 22, 1880	Fireman	Apr. 1, 1880
				Assistant Foreman ..	Apr. 5, 1881
				Foreman	Dec. 31, 1882
				Chief of Battalion ..	May 1, 1884
8. McGill, Joseph F.....	23	Fireman	Mar. 21, 1866	Assistant Foreman ..	Apr. 1, 1870
				Foreman	Oct. 1, 1872
				Chief of Battalion ..	Aug. 12, 1884
9. Cashman, John J.....	22	Fireman	Oct. 17, 1866	Assistant Foreman ..	Feb. 15, 1872
				Foreman	Apr. 27, 1879
				Chief of Battalion ..	Aug. 4, 1880
10. Kehoe, John H.....	22	Fireman	Oct. 20, 1865	Assistant Foreman ..	June 15, 1869
				Foreman	Dec. 1, 1869
				Chief of Battalion ..	Dec. 23, 1888
11. Short, Peter H.....	26	Fireman	May 1, 1875	Assistant Foreman ..	June 1, 1880
				Foreman	Apr. 18, 1883
				Chief of Battalion ..	Aug. 4, 1886
				e Foreman	July 1, 1887
				Chief of Battalion ..	May 22, 1889
12. Duane, William.....	28	Fireman	Aug. 8, 1868	Assistant Foreman ..	July 20, 1871
				Foreman	Nov. 1, 1881
				Chief of Battalion ..	Jan. 1, 1892
Foremen.					
1. Poynton Joseph.....	26	Foreman	Sept. 8, 1865		
2. Spence, Arnot.....	31	Foreman	Oct. 20, 1865		

a Resigned November 12, 1867.

b Dismissed July 21, 1886, and reinstated by Court, July 1, 1887.

c Reduced to Fireman, April 1, 1872.

d Re-assigned as Chief of Battalion, July 1, 1887.

e Re-assigned as Foreman, July 1, 1887.

NAME.	Age.	ORIGINAL APPOINTMENT.		PROMOTION.	
		Grade.	Date.	Grades.	Dates.
3. Donohue, Patrick.....	26	Fireman	Sept. 27, 1865	Assistant Foreman ..	June 1, 1868
				Foreman	Feb. 1, 1869
4. Best, Samuel.....	32	Fireman	June 14, 1866	Assistant Foreman ..	Apr. 17, 1867
				Foreman	Mar. 1, 1869
5. Shaw, William.....	27	Assistant Foreman ..	Oct. 2, 1865	Foreman	May 1, 1869
6. McCormick, Jas. A.....	27	Fireman	Oct. 6, 1865	Assistant Foreman ..	June 23, 1868
				Foreman	June 15, 1869
7. Castles, John.....	27	Fireman	July 27, 1866	Assistant Foreman ..	Apr. 1, 1869
				Foreman	July 15, 1869
8. McLaughlin, Wm.....	29	Fireman	May 22, 1868	Assistant Foreman ..	June 1, 1869
				Foreman	Mar. 1, 1870
9. Erb, George W.....	23	Fireman	Oct. 11, 1865	Assistant Foreman ..	Feb. 1, 1869
				Foreman	July 25, 1870
10. Hayes, William F.....	27	f Fireman	July 31, 1865	Assistant Foreman ..	Oct. 1, 1869
		g Fireman	Apr. 1, 1866	Foreman	Oct. 15, 1870
11. Landers, Wm. H.....	41	Fireman	Sept. 29, 1865	Assistant Foreman ..	Nov. 17, 1865
				Foreman	Dec. 24, 1870
12. Wolff, Charles A.....	33	Fireman	Mar. 21, 1866	Assistant Foreman ..	Aug. 1, 1870
				Foreman	July 1, 1871
13. Meagher, Daniel J.....	23	Fireman	Oct. 6, 1865	Assistant Foreman ..	Dec. 24, 1870
				Foreman	Nov. 1, 1871
14. Vetter, Peter, Jr.....	26	Fireman	Oct. 27, 1865	Assistant Foreman ..	June 1, 1868
				Foreman	May 1, 1872
15. Cowie, John A.....	30	Assistant Foreman ..	Sept. 14, 1865	Foreman	Mar. 1, 1873
16. Jones, Henry M.....	27	Assistant Foreman ..	Sept. 27, 1865	Foreman	Mar. 1, 1873
17. Ward, John.....	26	Fireman	Sept. 25, 1865	Assistant Foreman ..	Jan. 1, 1870
				Foreman	Mar. 1, 1873
18. Connor, David.....	25	Fireman	July 31, 1865	Assistant Foreman ..	Nov. 1, 1871
				Foreman	June 16, 1873
19. Welsh, John.....	23	Fireman	Oct. 11, 1865	Engineer of Steamer ..	Aug. 1, 1866
				Assistant Foreman ..	Feb. 15, 1872
				Foreman	June 10, 1873
20. Perley, Hamilton F.....	21	h Ass't Engineer of Steamer..	Mar. 15, 1873	Assistant Foreman ..	Jan. 15, 1874
				Foreman	Aug. 1, 1874
21. Monroe, James H.....	29	Fireman	Oct. 16, 1865	Foreman	Apr. 17, 1867
				District Engineer ..	July 1, 1871
				i Chief of Battalion ..	May 21, 1873
				Foreman	Feb. 15, 1875
22. Van Horn, Thomas J.....	26	Fireman	May 6, 1871	Assistant Foreman ..	Jan. 15, 1874
				Foreman	Mar. 1, 1875
23. Kittson, Hugh.....	28	Fireman	Sept. 25, 1865	Assistant Foreman ..	July 1, 1873
				Foreman	July 1, 1875
24. Eagan, John J.....	25	Fireman	Sept. 11, 1865	Assistant Foreman ..	Oct. 15, 1870
				Foreman	Aug. 20, 1875
25. Fisher, Isaac.....	22	j Engineer of Steamer....	Oct. 1, 1869	Engineer of Steamer ..	July 1, 1873
		k Ass't Engineer of Steamer..	Nov. 1, 1872	Assistant Foreman ..	Apr. 15, 1874
				Foreman	Dec. 2, 1875
26. Wray, Robert.....	23	Fireman	Oct. 16, 1865	Assistant Engineer of Steamer ..	June 1, 1871
				Assistant Foreman ..	Sept. 1, 1874
				Foreman	Mar. 12, 1877
27. Bradley, Daniel.....	30	Fireman	Mar. 1, 1866	Assistant Foreman ..	Mar. 1, 1873
				Foreman	Apr. 3, 1878
28. Birmingham, William.....	34	Fireman	Dec. 15, 1873	Assistant Foreman ..	Oct. 1, 1875
				Foreman	Dec. 8, 1879
29. Farrell, Robert R.....	26	l Ass't Engin'r of Steamer..	Nov. 1, 1871		
		m Ass't Engineer of Steamer..	Mar. 15, 1873	Assistant Foreman ..	Jan. 15, 1874
				Foreman	Feb. 1, 1880
30. Shay, Charles H.....	21	Private	Nov. 21, 1877	Fireman	Apr. 1, 1878
				Assistant Engineer of Steamer ..	Apr. 1, 1878
				Engineer of Steamer ..	Apr. 4, 1879
				Assistant Foreman ..	Dec. 10, 1879
				Foreman	June 1, 1880
31. Perley, Charles H.....	22	Private	Jan. 17, 1879	Assistant Foreman ..	Feb. 1, 1879
				Foreman	Aug. 25, 1880
32. O'Brien, Edward.....	23	Fireman	July 1, 1869	Assistant Foreman ..	Mar. 1, 1873
				Foreman	Sept. 17, 1880
33. Brown, William W.....	24	Fireman	June 14, 1866	Assistant Foreman ..	Dec. 1, 1873
				Foreman	Apr. 1, 1881
34. Byrne, Joseph P.....	28	Fireman	Oct. 1, 1871	Assistant Foreman ..	May 1, 1875
				Foreman	July 1, 1881
35. Colby, William J.....	30	Fireman	July 7, 1875	Assistant Foreman ..	June 1, 1876
				Foreman	Nov. 1, 1881
36. Searle, George S.....	21	Fireman	Nov. 15, 1874	Assistant Foreman ..	July 22, 1880
				Foreman	Nov. 18, 1881
37. Shaw, Joseph.....	28	n Engineer of Steamer....	Oct. 13, 1865	Engineer of Steamer ..	Mar. 15, 1874
		o Ass't Engineer of Steamer..	Feb. 1, 1874	Assistant Foreman ..	Aug. 8, 1878
				Foreman	Dec. 31, 1882
38. McAdams, Henry W.....	23	Fireman	Sept. 18, 1874	Assistant Foreman ..	Nov. 1, 1881
				Foreman	May 23, 1883
39. Murray, Henry.....	24	p Fireman	Oct. 13, 1865	Assistant Foreman ..	Oct. 1, 1877
		q Fireman	Dec. 17, 1874	Foreman	Jan. 15, 1884
40. Gooderson, Frederick W., Jr.....	23	Private	Oct. 13, 1879	Assistant Engineer of Steamer ..	Apr. 1, 1880
				Assistant Foreman ..	May 23, 1883
				Foreman	May 3, 1884
41. McCutchen, James.....	31	Fireman	Sept. 18, 1865	Assistant Foreman ..	Mar. 1, 1869
				Foreman	May 20, 1884
42. Connolly, Patrick J.....	28	Fireman	Jan. 15, 1873	Assistant Foreman ..	Nov. 16, 1881
				Foreman	May 20, 1884
43. Shea, Joseph.....	29	Foreman	May 20, 1884		
44. Cosgrove, James.....	21	Private	Jan. 1, 1878	Assistant Engineer of Steamer ..	Mar. 21, 1880
				Assistant Foreman ..	July 1, 1881
				Foreman	June 6, 1884
45. Falvey, John.....	21	r Fireman	Mar. 11, 1871	s Assistant Foreman ..	Feb. 15, 1872
		s Fireman	July 18, 1874	Assistant Foreman ..	Nov. 1, 1881
				Foreman	Aug. 1, 1884
46. McDonald, Alexander.....	28	t Fireman	July 31, 1865		
		u Fireman	June 12, 1873	Assistant Foreman ..	Jan. 7, 1876
				Foreman	Aug. 7, 1884
47. Binns, John.....	25	Private	Mar. 22, 1882	Assistant Foreman ..	May 20, 1884
				Foreman	Aug. 16, 1884
48. Golden, John J.....	30	Fireman	Dec. 18, 1874	Assistant Foreman ..	Feb. 1, 1883
				Foreman	Aug. 22, 1884

f Resigned January 15, 1866.

g Reduced to Foreman, February 15, 1875.

h Resigned, May 21, 1872.

i Resigned, May 21, 1872.

j Resigned, October 16, 1871.

k Resigned, March 31, 1869.

l Dismissed, June 10, 1874.

m Resigned, June 8, 1872.

NAME.	ORIGINAL APPOINTMENT.			PROMOTION.		NAME.	ORIGINAL APPOINTMENT.			PROMOTION.	
	Age.	Grade.	Date.	Grades.	Dates.		Age.	Grade.	Date.	Grades.	Dates.
49. Barry, James.....	23	{ Hoseman..... Fireman.....	Jan. 20, 1874 Feb. 12, 1876	{ Assistant Foreman. Foreman.....	May 20, 1884 Aug. 22, 1884	19. Finn, John.....	29	Fireman.....	Sept. 20, 1866	Assistant Foreman.	Aug. 21, 1878
50. Sullivan, Thomas.....	26	{ Dist. Engineer Foreman.....	Sept. 6, 1865 Aug. 23, 1884	.....	.....	20. McCarthy, Patrick.....	25	Fireman.....	June 15, 1872	Assistant Foreman.	Apr. 27, 1879
51. Kenny, Thomas A.....	29	Fireman.....	Aug. 4, 1876	{ Assistant Foreman. Foreman.....	July 10, 1879 Feb. 1, 1885	21. O'Rourke, Owen.....	25	{ Fireman..... Fireman.....	Sept. 22, 1865 Feb. 12, 1875	..... Assistant Foreman.	..... July 10, 1879
52. Lawler, Daniel.....	24	Fireman.....	May 1, 1875	{ Assistant Foreman. Foreman.....	Aug. 16, 1884 Feb. 1, 1885	22. Browning, William.....	21	Fireman.....	Apr. 23, 1869	{ Assistant Engineer of Steamer.....	June 1, 1871 Aug. 1, 1874 Feb. 1, 1880
53. Callaghan, Daniel H.....	26	Fireman.....	Mar. 1, 1873	{ Assistant Foreman. Foreman.....	July 10, 1879 June 25, 1885	23. O'Reilly, Patrick H.....	23	Fireman.....	Aug. 21, 1875	Assistant Foreman.	July 20, 1880
54. Cook, Martin.....	23	Hoseman.....	Jan. 1, 1870	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman. Foreman.....	July 24, 1871 Jan. 13, 1874 Jan. 15, 1874 Mar. 1, 1875 Nov. 15, 1885	24. Kerrigan, Francis.....	29	Fireman.....	May 1, 1875	Assistant Foreman.	Sept. 16, 1880
55. Cooney, John J.....	29	Private.....	Sept. 1, 1882	{ Assistant Engineer of Steamer..... Assistant Foreman. Foreman.....	June 6, 1884 July 1, 1885 Nov. 15, 1885	25. McCarthy, John.....	29	Fireman.....	Sept. 15, 1871	Assistant Foreman.	June 9, 1881
56. Ahearn, Thomas J.....	23	Fireman.....	May 9, 1873	{ Assistant Foreman. Foreman.....	Apr. 1, 1881 Feb. 25, 1886	26. Kelly, Thomas.....	28	{ Fireman..... Fireman.....	Sept. 18, 1865 June 15, 1867	..... Assistant Foreman.	..... Nov. 25, 1881
57. White, John H.....	30	Fireman.....	Jan. 2, 1875	{ Assistant Foreman. Foreman.....	Feb. 1, 1883 Feb. 25, 1886	27. Hyde, David.....	27	Fireman.....	July 17, 1873	Assistant Foreman.	Mar. 22, 1882
58. Fraser, William D.....	24	Fireman.....	July 3, 1872	{ Assistant Foreman. Foreman.....	May 20, 1884 Dec. 1, 1886	28. Murphy, John.....	24	Fireman.....	Oct. 17, 1870	Assistant Foreman.	Aug. 7, 1882
59. Croker, Edward F.....	21	Private.....	June 22, 1884	{ Assistant Foreman. Foreman.....	Aug. 16, 1884 Feb. 25, 1886	29. Aiken, Alexander D.....	24	Fireman.....	July 19, 1871	Assistant Foreman.	Dec. 1, 1882
60. McNamara, Michael J.....	25	Fireman.....	Apr. 21, 1873	{ Assistant Foreman. Foreman.....	Aug. 27, 1884 Dec. 1, 1886	30. Barber, John.....	26	Fireman.....	Nov. 3, 1870	Assistant Foreman.	Feb. 1, 1883
61. Nugent, James M.....	24	Private.....	Jan. 4, 1884	{ Assistant Foreman. Foreman.....	July 1, 1885 Jan. 15, 1887	31. Daniels, Clement L.....	25	Fireman.....	Oct. 11, 1873	Assistant Foreman.	Mar. 4, 1883
62. O'Hearn, Thomas.....	29	Fireman.....	June 12, 1875	{ Assistant Foreman. Foreman.....	July 1, 1883 Feb. 1, 1887	32. Ryan, Edward F.....	22	Fireman.....	July 3, 1872	Assistant Foreman.	Mar. 6, 1883
63. Siegmann, Louis L.....	24	Fireman.....	Feb. 8, 1871	{ Assistant Foreman. Foreman.....	Jan. 15, 1874 Mar. 1, 1887	33. Kennedy, Matthew T.....	28	Private.....	Dec. 21, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	Nov. 21, 1878 May 23, 1883
64. McAvoy, Michael.....	25	Fireman.....	Dec. 1, 1865	{ Assistant Foreman. Foreman.....	Dec. 31, 1882 May 6, 1887	34. Margison, Charles.....	27	Private.....	Jan. 22, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	May 1, 1879 May 23, 1883
65. Quirk, William.....	27	Private.....	May 19, 1881	{ Assistant Foreman. Foreman.....	May 20, 1884 Sept. 1, 1888	35. Jones, William H.....	29	Ladder.....	Sept. 25, 1875	{ Private..... Assistant Foreman.	Apr. 1, 1878 May 23, 1883
66. Farley, Thomas.....	25	{ Fireman..... Fireman.....	May 13, 1868 Sept. 1, 1869	{ Assistant Foreman. Foreman.....	Apr. 10, 1882 June 1, 1889	36. Needham, John T.....	27	Private.....	Jan. 1, 1881	Assistant Foreman.	May 23, 1883
67. Murphy, Lawrence.....	24	Fireman.....	June 12, 1871	{ Assistant Foreman. Foreman.....	May 17, 1883 June 1, 1889	37. Hopper, Charles.....	25	{ Fireman..... Fireman.....	Mar. 1870 Feb. 1876	..... Assistant Foreman.	..... Aug. 1, 1883
68. Gormley, Patrick.....	28	Private.....	May 15, 1884	{ Assistant Foreman. Foreman.....	July 1, 1885 June 6, 1889	38. Meehan, Edward.....	24	Fireman.....	July 23, 1870	Assistant Foreman.	Aug. 13, 1883
69. Moss, Joseph.....	28	Fireman.....	Dec. 1, 1871	{ Assistant Foreman. Foreman.....	Nov. 1, 1881 June 6, 1889	39. Beekler, Jacob.....	24	Fireman.....	Mar. 15, 1871	Assistant Foreman.	Nov. 1, 1883
70. Honan, John S.....	25	Private.....	May 8, 1883	{ Assistant Foreman. Foreman.....	Nov. 15, 1885 Nov. 19, 1889	40. Autenreith, Charles J.....	25	Private.....	Feb. 12, 1881	{ Assistant Engineer of Steamer..... Assistant Foreman.	Dec. 17, 1881 May 20, 1884
71. Riordan, John.....	21	Fireman.....	Sept. 20, 1866	{ Assistant Foreman. Foreman.....	Nov. 1, 1871 Nov. 19, 1889	41. Head, Thomas.....	26	Fireman.....	Feb. 15, 1869	Assistant Foreman.	May 20, 1884
72. Ryan, Patrick F.....	28	{ Engineer of Steamer..... Ass't Engineer of Steamer..}	Nov. 1, 1871 Sept. 6, 1874	{ Assistant Foreman. Engineer of Steamer Assistant Foreman. Foreman.....	July 21, 1875 Nov. 15, 1885 Aug. 22, 1890	42. Touhey, Martin J.....	23	Fireman.....	Mar. 15, 1872	Assistant Foreman.	May 20, 1884
73. Burke, Coleman J.....	22	Private.....	Jan. 1, 1878	{ Assistant Engineer. Engineer..... Assistant Foreman. Foreman.....	Jan. 17, 1880 Jan. 1, 1886 Feb. 1, 1887 Aug. 22, 1890	43. Donohue, Malachi.....	24	Fireman.....	June 10, 1870	{ Assistant Foreman Assistant Foreman.	Oct. 17, 1872 May 20, 1884
74. Nash, William H.....	21	Fireman.....	Sept. 9, 1876	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman. Foreman.....	Oct. 1, 1876 Jan. 1, 1886 Feb. 1, 1887 June 11, 1891	44. Reed, Samuel.....	25	Fireman.....	Sept. 1, 1875	Assistant Foreman.	May 20, 1884
75. Farrell, George F.....	25	Private.....	Nov. 1, 1880	{ Assistant Foreman. Foreman.....	Feb. 1, 1887 June 11, 1891	45. Hennessey, William.....	30	{ Fireman..... Private.....	Dec. 21, 1874 Jan. 18, 1882	..... Assistant Foreman.	..... May 20, 1884
76. Conaghan, Patrick.....	23	Fireman.....	Oct. 20, 1865	{ Assistant Foreman. Foreman.....	Apr. 21, 1873 Nov. 15, 1891	46. Leonard, John H.....	32	Private.....	Feb. 1, 1877	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman.	Apr. 13, 1877 Apr. 20, 1877 Oct. 4, 1887 Aug. 16, 1884
77. Gaffney, Andrew.....	27	Fireman.....	Dec. 1, 1873	{ Assistant Foreman. Foreman.....	May 20, 1884 Nov. 15, 1891	47. O'Grady, Joseph.....	27	Private.....	Nov. 24, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	Oct. 20, 1880 Aug. 16, 1884
78. Norris, Richard J.....	25	Private.....	July 15, 1879	{ Assistant Foreman. Foreman.....	Feb. 1, 1887 Nov. 15, 1891	48. Reilly, Bernard J.....	27	Fireman.....	May 1, 1875	Assistant Foreman.	Aug. 21, 1884
79. Reilly, Michael A.....	22	Private.....	Apr. 4, 1881	{ Assistant Foreman. Foreman.....	Aug. 21, 1884 Nov. 15, 1891	49. McNamara, John J.....	26	Fireman.....	Dec. 7, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	Apr. 11, 1880 July 1, 1885
80. Grady, John J.....	26	Private.....	Feb. 20, 1882	{ Assistant Foreman. Foreman.....	Nov. 19, 1889 Nov. 15, 1891	50. Petersen, Adolph J.....	25	Fireman.....	Oct. 25, 1873	Assistant Foreman.	July 1, 1885
<i>Assistant Foremen.</i>						51. Tobin, Edward H.....	22	Fireman.....	May 4, 1875	Assistant Foreman.	July 1, 1885
1. Schuck, Henry.....	33	Fireman.....	Sept. 18, 1865	Assistant Foreman.	Nov. 22, 1865	52. Beshinger, Joseph.....	23	Private.....	May 10, 1880	Assistant Foreman.	July 1, 1885
2. Smith, Edward S.....	23	Fireman.....	Sept. 11, 1865	Assistant Foreman.	Dec. 15, 1868	53. Banta, Samuel.....	28	Private.....	Jan. 22, 1853	Assistant Foreman.	July 1, 1885
3. Hicks, Matthew.....	21	Fireman.....	Aug. 10, 1868	Assistant Foreman.	Oct. 15, 1870	54. Delaney, James.....	23	Fireman.....	Aug. 1, 1869	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman.	Mar. 16, 1871 Nov. 16, 1883 Nov. 15, 1885
4. Lynar, Andrew.....	28	Fireman.....	Jan. 21, 1868	Assistant Foreman.	Feb. 15, 1872	55. Burns, John J.....	21	Private.....	Aug. 17, 1883	Assistant Foreman.	Feb. 1, 1886
5. Brennan, Terrence P.....	25	Fireman.....	Oct. 6, 1865	Assistant Foreman.	July 1, 1872	56. Martin, Michael.....	26	Fireman.....	July 1, 1873	Assistant Foreman.	Dec. 1, 1886
6. McNamee, Charles.....	28	Fireman.....	July 1, 1869	Assistant Foreman.	Mar. 1, 1873	57. Miller, William.....	28	Private.....	Apr. 2, 1881	Assistant Foreman.	Dec. 1, 1886
7. Jones, Walter H.....	25	Fireman.....	Oct. 21, 1870	Assistant Foreman.	Mar. 1, 1873	58. Flaherty, James.....	29	Private.....	Feb. 15, 1882	Assistant Foreman.	Dec. 1, 1886
8. Braisted, William C.....	25	Fireman.....	July 3, 1872	Assistant Foreman.	June 16, 1873	59. Whelan, John T.....	29	Fireman.....	May 20, 1884	Assistant Foreman.	Dec. 1, 1886
9. Campbell, James A.....	27	Fireman.....	Sept. 29, 1865	Assistant Foreman.	Aug. 15, 1873	60. Taylor, Joseph W.....	25	Fireman.....	Jan. 1, 1873	Assistant Foreman.	Mar. 1, 1887
10. Moore, Edward S.....	31	Fireman.....	Oct. 16, 1865	{ Assistant Foreman Assistant Foreman.	Dec. 1, 1865 Nov. 3, 1873	61. Reilly, Michael F.....	29	Private.....	Jan. 13, 1880	Assistant Foreman.	Feb. 1, 1887
11. Louis, Albert F.....	24	Fireman.....	Sept. 14, 1865	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman.	Apr. 1, 1871 Sept. 11, 1872 Jan. 15, 1874	62. Reilly, Henry P.....	21	Private.....	Oct. 21, 1881	Assistant Foreman.	Dec. 27, 1877
12. Burnett, Henry.....	33	Fireman.....	Sept. 22, 1865	Assistant Foreman.	Jan. 15, 1874	63. McCartney, James J.....	28	Fireman.....	Aug. 1, 1884	Assistant Foreman.	Dec. 27, 1887
13. Cartright, Stephen.....	27	Fireman.....	Aug. 1, 1871	Assistant Foreman.	May 15, 1874	64. Naughton, John J.....	23	Private.....	Dec. 1, 1881	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman.	Feb. 2, 1883 Feb. 1, 1885 June 1, 1888
14. Flock, William F.....	27	Ass't Foreman..	Sept. 8, 1865	{ Foreman..... Foreman.....	Oct. 15, 1870	65. Coyle, Thomas.....	31	Fireman.....	Feb. 16, 1870	{ Assistant Foreman. Foreman..... aa Fireman..... Assistant Foreman.	Mar. 1, 1873 May 1, 1876 Jan. 19, 1880 June 1, 1889
15. Carey, Francis.....	25	Fireman.....	June 2, 1868	Assistant Foreman.	Dec. 21, 1874	66. Mackey, Henry F.....	26	Fireman.....	Oct. 15, 1872	Assistant Foreman.	June 1, 1889
16. Wright, August H.....	29	Fireman.....	May 4, 1875	Assistant Foreman.	May 1, 1876	67. O'Brien, Patrick, No. 1.....	26	Fireman.....	Nov. 1, 1872	Assistant Foreman.	June 1, 1889
17. Kruger, Charles W.....	22	Ass't Engineer of Steamer.....	July 3, 1872	Assistant Foreman.	Sept. 27, 1877	68. Hanlon, Peter.....	31	Fireman.....	Feb. 13, 1874	Assistant Foreman.	June 1, 1889
18. Kenahan, Richard F.....	30	Fireman.....	July 1, 1875	Assistant Foreman.	Apr. 3, 1878	69. Sloan, Peter.....	27	Fireman.....	Oct. 26, 1881	Assistant Foreman.	June 1, 1889
						70. McNicol, John A.....	28	Fireman.....	Dec. 20, 1886	Assistant Foreman.	June 1, 1889
						71. Slevin, Michael H.....	29	Fireman.....	Dec. 20, 1886	Assistant Foreman.	June 1, 1889
						72. Hern, John.....	23	Fireman.....	Sept. 11, 1885	Assistant Foreman.	Nov. 19, 1889
						73. Reilly, Lawrence J.....	25	Fireman.....	May 10, 1871	Assistant Foreman.	Nov. 19, 1889
						74. Freel, Thomas F.....	23	Private.....	July 18, 1881	Assistant Foreman.	Nov. 19, 1889
						75. Farley, John.....	28	Private.....	Jan. 19, 1882	Assistant Foreman.	Nov. 19, 1889
						76. Barrett, Thomas F.....	24	Private.....	Feb. 1, 1883	Assistant Foreman.	Nov. 19, 1889
						77. Martin, Joseph B.....	23	Private.....	Jan. 18, 1884	Assistant Foreman.	Nov. 19, 1889
						78. Stack, Edward.....	26	Fireman.....	June 10, 1870	Assistant Foreman.	Aug. 22, 1890
						79. Cook, William J.....	29	Hoseman.....	July 3, 1872	{ Fireman..... Assistant Foreman.	Mar. 1, 1873 Aug. 22, 1890

* Resigned, July 1, 1875.

o Dropped, May 21, 1873.

p Reduced to Assistant Foreman, December 2, 1875.

q Dismissed, August 10, 1869.

r Resigned, November 3, 1873.

s Reduced to ranks, May 9, 1866.

t Reduced to Assistant Foreman, June 24, 1874.

u Discharged while detailed as Carpenter, January 1, 1875.

v Resigned, September 16, 1872.

w Resigned, September 29, 1865.

x Resigned, August 1, 1871.

y Dismissed November 23, 1873.

z Dismissed, October 19, 1876.

aa Resigned as Foreman and assigned as Fireman.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
In buildings—													
Confined to point of starting.....	361	292	336	298	308	252	364	245	249	260	266	411	3,640
Confined to building.....	18	25	18	16	11	11	11	15	12	15	15	29	196
Extended to other buildings.....	4	..	2	3	6	3	4	3	5	4	4	7	45
Total in buildings.....	383	317	356	317	325	266	379	263	266	279	285	447	3,881
In vessels	1	..	2	4	1	1	1	1	1	..	2	2	16
In places other than buildings and vessels.....	3	7	9	8	3	11	9	5	11	30	11	7	114
Total	387	324	367	329	329	278	389	269	278	309	298	456	4,011

Meritorious Services.

The following rescues at fires, involving personal risk, were reported and recorded on the Roll of Merit :

- Fireman, 2d grade, Charles S. Corson, Engine Co. No. 1.
- " 3d grade, Thomas Kelly, No. 2, Engine Co. No. 1.
- " 1st grade, George J. Fox, Engine Co. No. 21.
- " 1st grade, John J. Kane, Engine Co. No. 21.
- " 1st grade, Patrick H. Aspell, Hook and Ladder Co. No. 4.
- " 1st grade, Daniel McCoy, Hook and Ladder Co. No. 4.

The rescues were made by the above mentioned firemen at the Hotel Royal fire, southeast corner of Fortieth street and Sixth avenue, on the morning of February 7.

On the arrival of the first companies the fire had attained great headway. The building at the main stairway and at the elevator shaft was on fire from cellar to roof, thus preventing escape thereby.

About 24 persons were at the windows of the third, fourth and fifth floors on the Sixth avenue and Fortieth street fronts.

Firemen Corson and Kelly rescued Mr. S. W. Ballard from a third floor window on the Fortieth street front. Each went up a thirty-five foot ladder, carrying a scaling ladder, and, raising these to the fourth and fifth floors, Corson reached Mr. Ballard, and, with Kelly's assistance, brought him safely down the ladders. The rescue was made at great personal risk to the firemen, because of the excited condition of the rescued.

Fireman Fox, being informed that an old lady was on the second floor of the Fortieth street front, and finding it impossible to reach that floor by stairway, used a scaling ladder, and entering the room found Mrs. Sleight, 60 years of age, lying underneath the bed. He carried her to the window and down the ladder to the sidewalk.

Fireman Fox also rescued Mrs. H. F. Williams from the third floor on the Sixth avenue front, who was on the point of throwing herself from the window. He went up a twenty foot ladder with a scaling ladder and reached the third floor, from which he brought Mrs. Williams down in safety.

Fireman Kane, with the assistance of a member of Insurance Patrol No. 3, rescued Mr. Phelps, wife and child, from the south window on the third floor of the Sixth avenue front, by entering the building on Sixth avenue, adjoining the hotel, and from the third floor window-sill, assisting them into that building.

Fireman Aspell rescued Mrs. Bella Knapp, who was at a window on the fourth floor of the Fortieth street front. Being at the top of a thirty-five foot ladder, which had been raised, but which reached only to the middle of the third floor window, he twined his leg around the top round of the ladder, and, leaning outward, as far as possible, induced Mrs. Knapp to drop into his arms. Aspell caught her and brought her down without assistance.

Fireman McCoy carried a sixteen foot scaling ladder up a thirty-five foot ladder and raised it to a window on the fourth floor of the Sixth avenue front. He then conducted Miss Feltman to the street, and, immediately returning, brought down her mother, Mrs. Feltman.

Casualties.

The number of human lives lost and persons injured at fires, and in responding to alarms for fires, are reported as follows :

	MEMBERS OF THE DEPARTMENT.	OTHERS.		TOTAL.
		Before Arrival of Department.	After Arrival of Department.	
Killed or fatally injured at fires.....	..	41	3	44
" responding to alarms.....	I	3	..	4
Injured at fires.....	86	100	2	188
" responding to alarms.....	24	7	..	31
Aggregate.....	III	151	5	267

Water Consumption.

As nearly as can be estimated 20,891,250 gallons of water were used by the land engines of the Department in extinguishing fires, including the quantity taken from the rivers ; and in addition

thereto an estimated quantity of 3,603,750 gallons of river water was used by the three fire boats, making an aggregate of 33,495,000 gallons.

Strength of Uniformed Force, Number of Fires, with Losses, Population, Number of Buildings etc., from 1866 to 1892.

YEAR.	STRENGTH OF UNIFORMED FORCE.		Number of Fires.	Loss by Fire.	Average Loss per Fire.	Population. Census Year.	Number of Inhabitants to each Fire.	Number of Buildings.	Number of Buildings to each Fire.
	No. of Companies.	No. of Officers and Men.							
1866.....	54	*964	796	\$6,428,000 00	\$8,075 38	1769,553	967	164,000	80
1867.....	54	*919	873	5,711,000 00	6,541 81	.....	.....	.....	..
1868.....	52	592	740	4,342,000 00	5,867 57	.....	.....	.....	..
1869.....	52	599	850	2,695,393 00	3,172 23	.....	.....	.....	..
1870.....	52	596	964	2,120,212 00	2,199 39	942,292	977	.....	..
1871.....	52	596	1,258	2,127,356 00	1,691 06	.....	.....	.....	..
1872.....	52	596	1,649	2,891,818 00	1,753 67	.....	.....	.....	..
1873.....	54	651	1,470	4,022,640 00	2,736 48	.....	.....	.....	..
1874.....	64	§112	1,355	1,430,306 00	1,055 58	.....	.....	.....	..
1875.....	67	748	1,418	2,472,536 00	1,742 67	1,041,286	734	184,200	59
1876.....	68	747	1,382	3,851,213 00	2,786 70	.....	.....	.....	..
1877.....	65	752	1,450	3,210,695 00	2,214 27	.....	.....	.....	..
1878.....	65	727	1,654	1,884,505 00	1,139 36	.....	.....	.....	..
1879.....	64	729	1,551	5,671,580 00	3,656 72	.....	.....	.....	..
1880.....	65	748	1,783	3,183,440 00	1,785 44	1,206,259	676	.....	..
1881.....	66	769	1,785	5,820,259 00	3,260 55	.....	.....	.....	..
1882.....	67	826	2,001	4,195,960 00	2,096 43	.....	.....	1102,624	51
1883.....	63	895	2,169	3,512,848 00	1,619 37	.....	.....	1101,735	47
1884.....	70	919	2,406	3,474,547 00	1,444 12	.....	.....	.....	..
1885.....	71	927	2,479	3,789,283 00	1,528 55	.....	.....	1104,250	42
1886.....	71	951	2,415	3,340,810 00	1,383 35	.....	.....	.....	..
1887.....	74	960	2,929	5,585,425 00	1,917 28	.....	.....	.....	..
1888.....	74	1,040	3,217	5,485,922 00	1,705 29	.....	.....	**112,000	35
1889.....	76	1,039	2,836	4,142,777 00	1,460 78	.....	.....	**114,500	40
1890.....	77	1,041	3,479	4,168,165 00	1,198 09	1,151,301	436	88 115,379	33
1891.....	79	1,072	3,938	6,959,650 00	1,767 31	.....	.....	88 115,379	29
1892.....	79	1,032	4,011	5,060,973 00	1,261 80	.....	.....	88 115,379	29
Total 27 years.....	..	....	52,858	\$107,580,313 00	\$2,035 27	.....	.....	.....	.....

* Including about 400 volunteer firemen.

† Estimate based on census of 1865.

‡ Estimate based on report of Department of Buildings.

§ Annexation of territory north and east of Harlem river.

|| As per enumeration.

** As estimated by the Bureau of Inspection of Buildings.

‡‡ United States Census. An enumeration made under direction of the Mayor shows the population to be 1,715,721.

§§ As per enumeration made in 1890. Sheds, etc., included.

BUREAU OF FIRE MARSHAL.

Losses and Insurance.

	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	YEAR.
Estimated loss (insured and uninsured)—													
On buildings and vessels.....	\$186,213 00	\$222,880 00	\$68,781 00	\$65,059 00	\$187,035 00	\$37,076 00	\$71,735 00	\$331,598 00	\$68,736 00	\$111,047 00	\$145,491 00	\$101,832 00	\$1,597,483 00
On contents.....	616,351 00	256,292 00	255,595 00	139,044 00	326,228 00	48,236 00	160,727 00	501,817 00	162,075 00	295,443 00	329,647 00	372,035 00	3,463,490 00
Total.....	\$802,564 00	\$479,172 00	\$324,376 00	\$204,103 00	\$513,263 00	\$85,312 00	\$232,462 00	\$833,415 00	\$230,811 00	\$406,490 00	\$475,138 00	\$473,867 00	\$5,060,973 00
Estimated insurance—													
On buildings and vessels.....	\$4,716,085 00	\$4,464,026 00	\$8,642,290 00	\$4,797,591 00	\$4,931,008 00	\$4,925,310 00	\$5,340,248 00	\$3,316,243 00	\$3,615,028 00	\$4,410,682 00	\$4,272,019 00	\$7,154,925 00	\$60,585,455 00
On contents.....	3,869,940 00	2,267,463 00	1,992,690 00	1,255,324 00	2,327,148 00	1,570,188 00	2,286,463 00	1,957,835 00	1,416,946 00	1,707,134 00	2,617,015 00	2,664,234 00	25,932,380 00
Total.....	\$8,586,025 00	\$6,731,489 00	\$10,634,980 00	\$6,052,915 00	\$7,258,156 00	\$6,495,498 00	\$7,626,711 00	\$5,274,078 00	\$5,031,974 00	\$6,117,816 00	\$6,889,034 00	\$9,819,159 00	\$86,517,835 00
Estimated uninsured loss—													
On buildings and vessels.....	\$15,338 00	\$513 00	\$1,218 00	\$1,145 00	\$11,940 00	\$1,070 00	\$755 00	\$175,160 00	\$5,672 00	\$902 00	\$1,158 00	\$4,295 00	\$219,166 00
On contents.....	60,599 00	6,339 00	19,538 00	13,446 00	10,105 00	4,762 00	6,007 00	146,144 00	15,447 00	16,719 00	24,056 00	33,631 00	356,863 00
Total.....	\$75,937 00	\$6,912 00	\$20,756 00	\$14,591 00	\$22,045 00	\$5,832 00	\$6,762 00	\$321,304 00	\$21,119 00	\$17,621 00	\$25,224 00	\$37,926 00	\$576,029 00
Average loss per fire.....	\$2,073 80	\$1,478 92	\$886 27	\$622 20	\$1,560 00	\$306 87	\$597 59	\$3,098 19	\$830 25	\$1,315 50	\$1,594 42	\$1,039 40	\$1,261 77

Extent of Loss at Fires.

	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCTOBER.	NOV.	DEC.	YEAR.	PERCENTAGE TO WHOLE NUMBER OF FIRES.	LOSS LESS THAN—
Nominal or less than \$10.....	120	120	102	108	119	108	135	115	130	106	120	143	1,426	.36	
Between \$10 and \$50.....	89	70	79	94	77	84	117	54	55	90	76	101	986	.25	\$50 at 2,412 fires.
" 50 " 100.....	48	38	39	25	37	18	26	29	16	28	28	54	386	.10	100 at 2,798 "
" 100 " 1,000.....	85	67	95	72	59	51	78	51	53	56	46	103	816	.20	1,000 at 3,614 "
" 1,000 " 5,000.....	28	20	31	19	28	11	29	9	15	18	14	36	258	.06	5,000 at 3,872 "
" 5,000 " 10,000.....	9	3	13	3	5	5	1	4	6	6	5	8	68	..	10,000 at 3,940 "
" 10,000 " 20,000.....	5	1	4	6	1	1	1	2	..	4	5	8	38	..	20,000 at 3,978 "

	JANUARY.	FEBRUARY	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCTOBER.	NOV.	DEC.	YEAR.	PERCENTAGE TO WHOLE NUMBER OF FIRES.	LOSS LESS THAN—
Between 20,000 and 30,000.....	..	2	2	1	1	..	1	1	..	..	2	..	10	..	\$30,000 at 3,988 fires.
" 30,000 " 40,000.....	1	..	1	..	1	..	..	..	2	..	..	..	5	..	40,000 at 3,993 "
" 40,000 " 50,000.....	..	..	..	..	..	..	..	..	..	..	..	1	1	..	50,000 at 3,994 "
" 50,000 " 60,000.....	..	..	..	..	..	..	..	..	..	..	..	1	1	..	60,000 at 3,995 "
" 60,000 " 70,000.....	..	1	..	..	..	..	..	1	1	..	..	..	3	..	70,000 at 3,998 "
" 80,000 " 90,000.....	1	..	..	..	..	..	..	1	..	..	..	..	2	..	90,000 at 4,000 "
" 90,000 " 100,000.....	..	..	..	..	..	..	1	..	..	..	..	..	1	..	100,000 at 4,001 "
" 100,000 " 125,000.....	..	..	..	..	..	..	..	..	..	..	1	1	2	..	125,000 at 4,003 "
" 125,000 " 150,000.....	..	2	..	..	..	..	..	..	..	..	1	..	3	..	150,000 at 4,006 "
" 150,000 " 200,000.....	..	..	..	..	..	..	..	1	..	..	..	..	1	..	200,000 at 4,007 "
" 200,000 " 250,000.....	..	..	..	..	..	..	..	..	..	1	..	..	1	..	250,000 at 4,008 "
" 300,000 " 350,000.....	..	..	..	..	1	..	..	..	..	..	..	..	1	..	350,000 at 4,009 "
" 350,000 " 400,000.....	..	..	..	..	..	..	..	1	..	..	..	..	1	..	400,000 at 4,010 "
" 450,000 " 500,000.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	500,000 at 4,011 "
Total.....	387	324	366	328	329	278	389	269	278	309	298	456	4,011	..	

Origin and Cause of Fires.

ORIGIN.	CAUSE.								PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—														Aggregate Loss to Structures and Contents.		
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not Ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Storehouses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Piers, Docks, etc.	Vessels.	Miscellaneous.	Total.			
In Heating.																									
Beams built into chimneys and fireplaces....	..	..	26	..	..	..	..	26	19	1	2	1	3	..	..	..	..	..	..	..	..	..	26	\$2,607
Chimneys, fireplaces, flues, grates, etc.....	..	..	58	..	..	..	..	58	47	2	7	1	..	..	..	..	1	..	..	..	..	..	58	16,211
Foul chimneys.....	..	236	..	..	..	..	..	236	208	11	7	2	7	..	1	..	..	..	..	..	..	..	236	110
Gas stoves igniting wood-work.....	2	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	2	..	185
Kerosene oil used in lighting fires.....	..	4	..	..	..	..	..	4	2	2	..	..	..	..	..	..	..	..	..	..	..	4	..	30
Matches, tapers, etc., used in starting fires, igniting merchandise, etc....	..	3	..	..	..	..	..	3	2	1	..	..	..	..	..	..	..	..	..	..	..	3	..	185
Soot in flues and fireplaces igniting wood-work.....	..	56	..	..	..	..	..	56	52	1	2	..	1	..	..	..	..	..	..	..	..	56	..	3,769
Sparks from stoves, chimneys, stove-pipes, etc., igniting woodwork, clothing, etc.....	36	21	..	..	..	..	..	57	34	8	7	1	..	1	4	..	..	..	..	..	2	57	..	168,547
Steam-pipes igniting floor beams, woodwork, etc.	4	2	..	..	..	..	..	6	1	2	2	1	..	..	..	..	..	..	..	..	6	..	7,035	
Stoves, boilers, furnaces, stove and heater pipes igniting bedding, clothing, woodwork, etc....	82	105	..	..	..	..	..	187	136	15	13	2	5	..	1	..	1	..	..	4	9	187	..	136,587
Stoves, furnaces and grates, hot coals falling from.....	16	4	..	..	..	..	..	20	13	2	2	1	1	..	..	..	1	..	..	..	20	..	2,164	
Total number of fires	140	431	84	..	..	..	..	655	514	47	42	9	17	1	6	1	3	..	..	4	11	655	..	
Total loss.....	\$76,195	\$242,417	\$18,818	\$337,430	\$52,725	\$206,809	\$54,530	\$555	\$1,207	\$50	\$1,183	..	\$19,800	\$160	\$411	..	\$337,430	..	
In Illuminating.																									
Calcium lights.....	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	.....
Electric lights, sparks from.....	67	..	..	..	..	..	..	67	10	30	7	3	10	..	..	3	..	..	1	..	3	67	..	\$28,871
Gas, explosion of.....	13	..	..	..	..	..	..	13	5	2	2	1	3	..	..	..	..	..	..	..	..	13	..	3,078
Gas escaping and igniting	54	23	..	..	..	..	..	77	50	9	7	..	5	..	2	1	2	..	..	..	1	77	..	20,472
Gas-lights, candles, lamps, etc., igniting merchandise in stores, show-windows and bedding, straw, woodwork, rubbish, etc.....	67	335	..	..	1	..	..	403	218	37	17	..	17	..	2	6	2	..	1	1	2	403	..	223,254
Gas-meters, explosion of	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	10
Kerosene oil igniting....	..	1	..	1	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
Lamps, kerosene oil, breaking.....	1	1	..	..	5	..	..	7	6	..	..	..	..	..	1	..	..	..	..	..	..	7	..	130
Lamps, kerosene oil, exploding.....	176	1	..	..	..	..	..	177	172	2	2	..	..	..	1	..	..	..	..	..	..	177	..	73,352
Lamps, kerosene oil, falling.....	61	11	..	..	2	..	..	74	69	1	2	..	..	..	1	..	..	..	..	..	1	74	..	10,288
Lamps, kerosene oil, upsetting.....	40	16	..	..	..	..	..	56	50	1	1	..	..	..	2	..	..	..	..	1	56	..	5,815	
Lamps, kerosene oil, taking fire.....	22	1	..	..	..	..	..	23	21	1	..	..	..	..	..	1	..	..	..	..	..	23	..	3,537
Matches, lighted tapers, etc., igniting clothing, woodwork, rubbish, etc.....	26	215	..	..	..	..	..	241	195	22	10	..	2	..	8	3	..	..	..	..	1	241	..	126,119
Total number of fires	528	605	..	1	8	..	..	1,142	899	105	48	4	37	..	17	15	4	..	2	2	9	1,142	..	
Total loss.....	\$348,804	\$145,943	\$261	\$495,008	\$323,172	\$112,473	\$30,884	\$12,755	\$3,923	..	\$10,430	\$230	\$840	\$60	\$241	..	\$495,008	..	
In Manufacturing and other Business.																									
Alcohol, tar, gum, oils, paints, varnish, chemicals, etc., igniting on stoves, furnaces, over gas-lights, etc.....	36	5	..	..	..	..	..	41	8	8	7	..	10	..	1	..	..	..	..	1	6	41	..	\$49,705

ORIGIN.	CAUSE.							PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—													Aggregate Loss to Structures and Contents.		
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not Ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Storehouses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Piers, Docks, etc.	Vessels.		Miscellaneous.	Total.
Beams running into chimneys.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	\$30
Benzine, explosion of....	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	725
Chemicals, ignition of..	2	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	705
Chimneys, flues, etc., heat from igniting woodwork.....	1	1	4	1	1	1	1	4	1	1	4	1	1	1	1	1	1	1	1	1	1	4	370
Electricity applied to machinery.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3,400
Foul chimneys.....	1	6	1	1	1	1	1	6	1	1	4	1	1	1	1	1	1	1	1	1	1	6	.....
Friction of machinery....	5	1	1	1	1	1	1	5	1	1	4	1	1	1	1	1	1	1	1	1	1	5	1,205
Gas stoves, gas-lights, igniting woodwork, paper, merchandise, etc..	6	1	1	1	1	1	1	7	1	2	2	1	2	1	1	1	1	1	1	1	1	7	2,873
Gasoline stove, explosion of.....	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	420
Hams, meats, etc., in ovens and smoke-houses, igniting.....	4	1	1	1	1	1	1	4	1	1	3	1	1	1	1	1	1	1	1	1	1	4	1,705
Hot metals igniting woodwork, merchandise, etc.	2	2	1	1	1	1	1	4	1	1	3	1	1	1	1	1	1	1	1	1	1	4	110
Lamp, alcohol, upsetting.	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2,250
Lime, slaking of.....	3	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4,377
Naphtha, benzine, turpentine, spirits, etc., vapor igniting.....	14	8	1	1	1	1	1	22	1	4	18	1	1	1	1	1	1	1	1	1	1	22	15,590
Phosphorus igniting.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Soot in stove-pipes, fire-places, chimneys, etc..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Scenery in theatres igniting from gas-lights, etc.....	4	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	4	.....
Sparks from chimneys, forges, furnaces, engines, steamships, locomotives, etc., igniting roofs, shavings, woodwork, etc.....	117	22	1	1	1	1	1	139	14	29	45	2	12	1	3	1	3	1	2	28	139	99,488	
Spontaneous combustion of oily rags, etc.....	14	29	1	1	1	1	1	43	1	8	33	1	1	1	1	1	1	1	1	1	1	43	132,224
Steam-pipes igniting merchandise.....	2	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	1	1	1	1	1	3	9,400
Stoves, boilers, furnaces, ovens, etc., igniting merchandise, shavings, etc.....	49	23	1	1	1	1	1	72	8	5	45	1	8	1	1	1	1	1	1	1	1	72	285,675
Stoves, furnaces, etc., hot coals falling from.....	7	5	1	1	1	1	1	12	1	2	6	1	3	1	1	1	1	1	1	1	1	12	10,245
Workmen burning rubbish	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	50
Total number of fires	272	107	5	1	1	1	1	384	38	64	180	4	38	1	6	6	3	1	1	5	38	384	
Total loss.....	\$457,291	\$162,856	\$400	1	1	1	1	\$620,547	\$5,409	\$28,209	\$444,776	\$30	\$42,706	1	\$84,010	\$50	\$25	\$25	\$10	\$14,854	\$353	1	\$620,547
Miscellaneous.																							
Alcohol lamp taking fire, upsetting, etc.....	3	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	3	\$1,560
Benzine, turpentine, etc., vapor igniting.....	7	10	1	1	1	1	1	17	14	2	1	1	1	1	1	1	1	1	1	1	1	17	6,544
Bonfires, sparks from....	1	1	1	54	1	1	1	55	3	1	1	1	1	1	3	1	1	1	1	46	55	749	
Cigars, pipes, etc., smoking of.....	2	279	1	2	1	1	1	284	131	57	38	3	13	1	22	1	1	3	4	1	10	284	117,747
Clothing ignited by insane person.....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	12
Explosion of naphtha....	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	10,240
Explosion of sewer gas..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Fat, glue, varnish, etc., taking fire on stoves, etc.	31	5	1	1	1	1	1	36	34	1	1	1	1	1	1	1	1	1	1	1	1	36	1,572
Firecrackers.....	1	32	1	9	1	1	1	42	18	11	3	1	8	1	1	1	1	1	1	1	1	42	1,040
Fireworks, rockets, etc..	14	28	1	1	1	1	1	43	21	5	5	1	7	1	1	1	1	1	1	1	3	43	10,412
Gas-stoves, etc., igniting woodwork, drapery, etc.....	10	10	1	1	1	1	1	20	15	5	1	1	1	1	1	1	1	1	1	1	1	20	1,788
Hot ashes igniting woodwork.....	2	30	1	1	1	1	1	40	18	5	10	1	2	1	1	1	1	1	1	1	3	40	2,250
Hot metal, etc., igniting paper, bedding, etc....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	40
Kerosene oil poured over woodwork and ignited	1	1	1	1	4	1	1	5	5	1	1	1	1	1	1	1	1	1	1	1	1	5	1,250
Kerosene oil lamp falling on stove, oil igniting..	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	145
Kerosene oil stoves exploding.....	4	1	1	1	1	1	1	4	3	1	1	1	1	1	1	1	1	1	1	1	1	4	60
Kerosene oil stoves igniting clothing, woodwork, etc.....	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	235
Kerosene oil stoves upsetting, falling, etc....	50	8	1	1	1	1	1	58	56	1	1	1	1	1	1	1	1	1	1	1	1	58	4,329
Kerosene oil and gasoline stoves taking fire.....	86	3	1	1	1	1	1	89	86	1	2	1	1	1	1	1	1	1	1	1	1	89	26,492
Lightning igniting cotton	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Matches gnawed by rats and mice.....	1	86	1	1	1	1	1	86	34	23	18	3	6	1	1	1	1	1	1	1	1	86	97,442
Matches igniting awnings, straw, rubbish, woodwork, etc.....	74	244	1	60	34	39	1	452	275	53	46	8	9	1	19	3	3	1	2	32	452	677,321	

* Pest-house on Ward's Island burned by Department of Public Charities and Correction.

ORIGIN.	CAUSE—							PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—															Aggregate Loss to Structures and Contents.
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischiefousness.	Maliciousness.	Incendiarism.	Not Ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Storehouses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Piers, Docks, etc.	Vessels.	Miscellaneous.	Total.	
Not ascertained.....	..	..	..	..	..	..	325	325	121	77	64	6	7	1	29	1	6	..	1	3	9	325	\$2,273,718
Phosphorus igniting.....	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	5
Rekindling of fires.....	1	9	..	..	..	..	..	10	4	2	2	..	..	..	1	..	..	..	..	..	1	10	135
Rubbish, etc., igniting ..	1	11	..	..	..	..	..	12	5	..	..	..	..	..	..	..	..	1	..	..	6	12	75
Sparks from other fires..	8	..	..	..	..	..	..	8	6	..	2	..	..	..	..	..	..	..	..	..	..	8	358
Spontaneous combustion of oily rubbish, chemicals, etc.....	9	15	..	..	..	..	..	24	13	4	4	..	1	..	2	..	..	..	..	..	..	24	342,842
Sulphur igniting, etc.....	4	..	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	4	575
Sun's rays focussed through glass igniting woodwork.....	3	..	..	..	..	..	..	3	1	1	1	..	..	..	..	..	..	..	..	..	..	3	210
Thawing out water-pipes with candles, lamps, lighted papers, etc....	..	42	..	1	..	..	..	43	32	7	1	..	1	..	1	..	..	..	1	..	..	43	7,397
Turpentine taking fire on stove.....	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	.....
Tramps' building fires in woods, unoccupied houses, etc.....	..	2	..	2	..	..	..	4	1	..	..	..	2	..	..	..	..	..	..	..	1	4	500
Workman with lighted paper igniting wood-work.....	1	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	15
Total number of fires	316	828	..	278	42	40	326	1,830	1,057	257	199	22	60	2	82	6	12	6	7	7	113	1,830	
Total loss.....	\$473,300	\$332,295	..	\$17,879	\$2,160	\$8,636	\$2,273,718	\$3,607,988	\$338,702	\$1,282,872	\$1,377,281	\$18,750	\$25,438	\$18,845	\$130,865	\$377,720	\$24,900	\$510	\$5,330	\$4,085	\$2,690	..	\$3,607,988
RECAPITULATION.																							
In Heating { No. of fires	140	431	84	..	..	..	..	665	514	47	42	9	17	1	6	1	3	..	..	4	11	655	
Loss.....	\$76,195	\$242,417	\$18,818	..	..	..	..	\$337,430	\$2,725	\$205,809	\$54,530	\$555	\$1,207	\$50	\$1,183	..	\$19,800	..	..	\$160	\$411	..	\$337,430
In Illuminat- { No. of fires	528	603	..	1	8	..	..	1,142	899	105	48	4	37	..	17	15	4	..	2	2	9	1,142	
Loss.....	\$348,804	\$145,943	..	..	\$261	..	..	\$495,008	\$323,172	\$112,473	\$30,884	\$12,755	\$3,923	..	\$10,430	\$230	\$340	..	..	\$60	\$241	..	495,008
In Manufact- { No. of fires	272	107	5	..	..	..	..	384	38	64	180	4	38	..	6	6	3	1	1	5	38	384	
Loss.....	\$457,291	\$162,856	\$400	..	..	..	..	\$620,547	\$5,409	\$28,299	\$444,776	\$30	\$42,706	..	\$24,010	\$50	\$25	\$25	\$10	\$14,854	\$353	..	620,547
In Miscella- { No. of fires	316	828	..	278	42	40	326	1,830	1,057	257	199	22	60	2	82	6	12	6	7	7	113	1,830	
Loss.....	\$173,300	\$832,295	..	\$17,879	\$2,160	\$8,636	\$2,273,718	\$3,607,988	\$338,702	\$1,282,872	\$1,377,281	\$18,750	\$25,438	\$18,845	\$130,865	\$377,720	\$24,900	\$510	\$5,330	\$4,085	\$2,690	..	3,607,988
Aggregate { No. of fires	1,256	1,971	89	279	50	40	326	4,011	2,508	473	469	39	152	3	111	28	22	7	10	18	171	4,011	
Loss.....	\$1,355,590	\$1,383,511	\$19,218	\$17,879	\$2,421	\$8,636	\$2,273,718	\$5,060,973	\$720,088	\$1,630,453	\$1,907,471	\$32,090	\$73,274	\$18,895	\$226,488	\$378,000	\$45,565	\$535	\$5,340	\$19,159	\$3,695	..	\$5,060,973

Origin of Fires by Districts.

DISTRICTS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				NUMBER OF BUILDINGS.			AVERAGE NUMBER OF BUILDINGS TO EACH FIRE.			LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business, etc.	Total.	Dwellings.	Business, etc.	Total.	Buildings.	Contents.	Total.				
First	18	15	..	33	17	31	1	49	1	41	2	44	24	107	9	140	60	194	12	266	924	2,781	3,705	15	14	15	\$87,752	\$357,418	\$445,170
Second.....	14	7	1	22	23	15	2	40	3	7	3	13	36	29	12	77	76	58	18	152	2,264	830	3,094	30	14	23	13,499	40,786	54,285
Third	2	10	1	13	2	9	..	11	..	9	..	9	2	52	1	55	6	80	2	88	254	1,102	1,356	42	14	16	99,453	407,050	506,503
Fourth.....	105	31	1	137	224	38	2	264	10	63	5	78	277	111	13	401	616	243	21	880	9,194	2,091	11,285	15	9	13	141,752	353,519	495,271
Fifth	95	19	4	118	184	43	1	238	2	55	4	61	183	120	17	320	464	237	26	727	15,365	3,875	19,240	33	16	27	385,333	1,236,042	1,621,375
Sixth	152	25	1	178	213	51	3	267	11	76	6	93	243	108	19	370	619	260	29	908	21,653	4,491	26,144	35	17	30	688,890	843,945	1,532,835
Seventh.....	9	1	..	10	29	3	..	32	2	2	..	4	45	10	7	62	85	16	7	108	5,696	486	6,182	67	30	61	31,927	31,597	63,524
Eighth.....	55	6	4	65	109	19	1	129	7	14	..	21	121	50	16	187	292	89	21	402	11,229	1,697	12,926	38	19	33	42,913	98,607	141,520
Ninth	10	..	..	10	12	4	..	16	..	7	9	16	20	15	5	40	42	26	14	82	3,029	1,074	4,103	72	41	60	23,627	17,335	40,962
Tenth	29	6	2	37	61	12	1	74	1	18	6	25	69	27	9	105	160	63	18	241	8,718	1,117	9,835	54	18	30	60,260	57,272	117,532
Eleventh.....	23	5	1	29	22	7	..	29	1	11	8	20	32	24	9	65	78	47	18	143	9,910	4,429	14,339	127	246	149	13,517	15,854	29,371
Twelfth.....	2	1	..	3	3	..	..	3	..	..	..	..	4	..	3	7	9	1	3	13	1,308	1,128	2,436	145	1,128	243	8,560	4,065	12,625
Thirteenth.....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	1	171	195	366	171	....	366	.....	.....	.....
Total.....	514	126	15	685	899	232	11	1,142	38	303	43	384	1,057	653	120	1,830	2,508	1,314	189	4,011	89,715	25,296	115,011	35	12	30	\$1,597,483	\$3,463,490	\$5,060,973

Indictments and Convictions for Arson, Incendiarism, etc.

DESCRIPTION OF PERSON.						NATURE OF CHARGE AND CIRCUMSTANCE.	NATURE OF INDICTMENT AND DATE.	WHEN AND OF WHAT CONVICTED.	SENTENCE AND REMARKS.
Name.	Age.	Married or Single.	Color.	Nativity.	Occupation.				
Harris Plitt	26	Married.	White...	Russia.....	Tailor's trimmings.	Setting fire to No. 44 Allen street, November 8, 1891.....	Arson, first degree, November 20, 1891.....	Arson, first degree.....	Eighteen years and six months in State Prison.
John F. Huer.....	33	"	"	United States..	Piano manufacturer	Setting fire to No. 509 West Thirty-sixth street, March 16, 1890.....	Arson, third degree, June 11, 1890.....	Acquitted.....	
Thomas Ward.....	32	"	"	"	Theatrical.....	Setting fire to No. 311 West Twenty-first street, November 13, 1891.....	Arson, first degree, November 20, 1891.....	Pleaded guilty to attempt....	One year in penitentiary.

DESCRIPTION OF PERSON.						NATURE OF CHARGE AND CIRCUMSTANCE.	NATURE OF INDICTMENT AND DATE.	WHEN AND OF WHAT CONVICTED.	SENTENCE AND REMARKS.
Name.	Age.	Married or Single.	Color.	Nativity.	Occupation.				
Bennie Waffel.....	32	Married.	White...	Russia.....	Peddler.....	Setting fire to No. 110 Suffolk street, November 17, 1891.....	Arson, second degree, December 1, 1891.....	Pleaded guilty.....	Committed suicide in Tombs June 8, 1892.
Tetta Waffel.....	40	"	"	"	Housekeeper.....		Arson, second degree, December 1, 1891.....	Discharged June 7, 1892.....	On her own recognizance.
William H. Conklin....	17	Single...	"	United States..	Clerk.....	Setting fire to premises Nos. 772-786 Broadway, June 5, 1891.....	Arson, first degree, June 30, 1891.....	No trial.....	Pleaded guilty of larceny.
Annie Jones.....	32	Married.	Colored	"	Housekeeper.....	Setting fire to No. 157 West Twenty-fourth street, January 6, 1892.....	Arson, first degree, February 16, 1892.....	Arson, second degree, June 30, 1892.....	Nine years and six months in Penitentiary.
Ella Montgomery.....	23	Widow..	White...	Ireland.....	"	Setting fire to No. 237 East Thirty-eighth street, December 28, 1891.....	Arson, first degree, February 12, 1892.....	Discharged.....	Evidence insufficient.
Felix Murphy.....	37	Married.	"	Canada.....	Porter.....	Attempt to fire Nos. 304 to 308 Canal street, February 6, 1892.....	Arson, first degree, attempt 3d degree.....	Acquitted.....	
Mary A. Moran.....	35	Single...	"	United States..	Housekeeper.....	Attempt to burn building on One Hundred Eighty-first street on February 13, 1892	Arson, third degree, March 2, 1892.....	Pleaded guilty to attempt....	Two months in Penitentiary.
Patrick Ryan.....	24	"	"	"	None.....	Setting fire to No. 452 West Thirty-ninth street, February 14, 1892.....	Arson, first degree, February 23, 1892.....	Arson, first degree, April 29, 1892.....	Twelve years and eight months in State Prison.
John Lutz.....	..	Married.	"	"	Laborer.....	Setting fire to frame stables, February 22, 1892, One Hundred and Fifty-sixth street and Amsterdam avenue.....			Discharged in Police Court. Evidence insufficient.
Samuel C. Mantel....	24	"	"	Germany.....	Shoe dealer.....	Setting fire to No. 424 West Fifty-third street, March 6, 1892.....	Arson, first degree, March 14, 1892.....	Attempt, first degree, May 25, 1892.....	Nine years and eleven months in State Prison.
Anton Herman.....	29	"	"	Austria.....	Piano varnisher...	Setting fire to No. 462 East One Hundred and Thirty-sixth street.....			Discharged in Police Court. No evidence.
Margaret Evans.....	33	"	"	Ireland.....	Housekeeper.....	Setting fire to clothing in No. 2617 Third avenue, March 27, 1892.....			Committed March 31, 1892, to Insane Asylum, Ward's Island.
Mary Downey.....	53	Widow..	"	"	"	Setting fire to No. 246 East Ninetieth street, March 25, 1892.....			Committed March 31, 1892, to Insane Asylum, Ward's Island.
Raphael Lewin.....	52	Married.	"	Germany.....	Cigar manufacturer	Setting fire to No. 164 Avenue B, April 3, 1892.....	Arson, first and third degrees, April 25, 1892.....	Jury disagreed.....	Subsequently discharged, people's witness having left the country.
Herman Denby.....	28	"	"	"	Cigar maker.....	Setting fire to No. 504 East Eleventh street, March 29, 1892.....	Arson, second degree, April 25, 1892.....	Acquitted.....	
John F. Buchholz.....	28	"	"	"	Waiter.....	Setting fire to No. 346 East Forty-ninth street, April 27, 1892.....	Arson, first degree, May 13, 1892.....	Arson, first degree, June 2, 1892.....	Twelve years and six months in State Prison.
Sarah Templeton.....	28	"	"	Ireland.....	Cook.....	Setting fire to No. 11 East Forty-second street, May 5, 1892.....			Discharged in Police Court. No evidence.
August Kientsch.....	28	Single...	"	Germany.....	Restaurant.....	Setting fire to No. 203 Chrystie street, June 27, 1892.....	Arson, first degree, July 22, 1892.....	Arson, first degree, September 29, 1892.....	Fifteen years and six months in State Prison.
Charles Kaster.....	31	"	"	"	Bar tender.....	Setting fire to No. 439 West Fortieth street, July 17, 1892.....	Arson, first degree, July 22, 1892.....	Pleaded guilty to attempt....	Five years in State Prison.
Meyer H. Rothbaum..	38	Married.	"	Russia.....	Manufacturer of waist bands....	Setting fire to No. 25 Pitt street, August 21, 1892.....	Arson, first degree, September 20, 1892.....	Arson, second degree, November 3, 1892.....	Twelve years and five months in State Prison.
James L. O'Brien.....	17	Single...	"	United States..	Express.....	Setting fire to No. 163 Mott street, June 20, 1892.....	Arson, first degree, September 15, 1892.....	Pleaded guilty to attempt in second degree.....	Elmira Reformatory.
"	17	"	"	"	"	Setting fire to No. 242 Mulberry street, August 17, 1892.....	Arson, second degree, September 15, 1892.....		
Anton Kraemer.....	53	Married.	"	Germany.....	Saloon.....	Setting fire to No. 439 West Fortieth street, July 17, 1892.....	Arson, 1st degree, September 22, 1892.....	Acquitted.....	
Sarah B. Dyer.....	33	"	"	Austria.....	Cigars and news....	Setting fire to No. 118 Greenwich avenue, October 31, 1892.....	Arson, second degree, November 17, 1892.....	Attempt in third degree....	Two years and one month in Penitentiary.
Edwin W. Ash.....	35	"	"	England.....	Photographer.....	Setting fire to house on Kingsbridge road, November 10, 1892.....	Violation of section 637, Penal Code (malicious mischief).....	Violation of section 637, Penal Code (malicious mischief).....	Three years and nine months in State Prison.

During the time this Bureau has been in existence (a period of twenty years) 87 convictions of arson, incendiarism, etc., have been secured by it. Of this number 14 (or nearly 10 more than the average) were obtained during the current year alone, a result largely due to the greater effectiveness of the bureau, brought about by its reorganization at the beginning of the year, in the manner below set forth:

Until further directed, for the purpose of investigation of fires, the city will be divided into two districts, that lying south of the centre line of Fifty-ninth street to be known as "District A," that lying north of said centre line to be known as "District B."

To further facilitate the labors of the Bureau, District A is subdivided into Sections 1 and 2, Section 1 to embrace all that part of the city lying south of the centre line of Fifty-ninth street and west of a line running from the South Ferry along the centre lines of Whitehall street and Broadway to the intersection with Fifth avenue, thence along the centre line of Fifth avenue to Fifty-ninth street.

Section 2 will embrace all of that part of the city south of said centre line of Fifty-ninth street lying east of the above-described line.

For the present District B will not be subdivided.

The following assignments are hereby made:

To the supervision of District A, Assistant Fire Marshal A. J. Wilson.
To Section 1, District A, Assistant Foreman Thomas F. Freel, detailed.
To Section 2, District A, Charles Lenz, detailed Assistant.
To the supervision of District B, Assistant Fire Marshal Jacob Frank.
To District B, Assistant Lawrence W. McGrath.

The duties of each person will be confined strictly to the district or section to which he is assigned, and no interference will be allowed, nor will investigations be made of fires occurring outside the limits of such district or section, unless by direction of the head of the Bureau.

Night calls to fires requiring immediate attendance on the part of the representatives of this Bureau will be sent to the following addresses:

To fires occurring in District A, to Assistant Foreman Thomas F. Freel, at Engine Company No. 9.

To fires occurring in District B, to Assistant Fire Marshal Frank, at No. 41 East Seventy-sixth street.

Hereafter fires occurring in the city prior to 4 o'clock P. M. will be visited and investigated on the day of their occurrence, and in order that the assistants may inform themselves, they will call each day at convenient apparatus houses, or at some time immediately prior to 4 o'clock P. M. at the following designated points:

For Section 1, District A, at Hook and Ladder Company No. 20, No. 155 Mercer street.
For Section 2, District A, at Engine Company No. 20, No. 47 Marion street.

For District B, at Engine Company No. 44, No. 221 East Seventy-fifth street; at Hook and Ladder Company No. 17, One Hundred and Forty-third street, near Third avenue.

All cases furnishing evidence of arson or incendiarism will be promptly reported to the head of the Bureau, and where immediate arrest is deemed to be necessary it will be ordered by the Assistants, and the Fire Marshal be notified at once that such action has been taken.

Assistants will report each morning, as heretofore, at 9 o'clock, when the records will be written up.

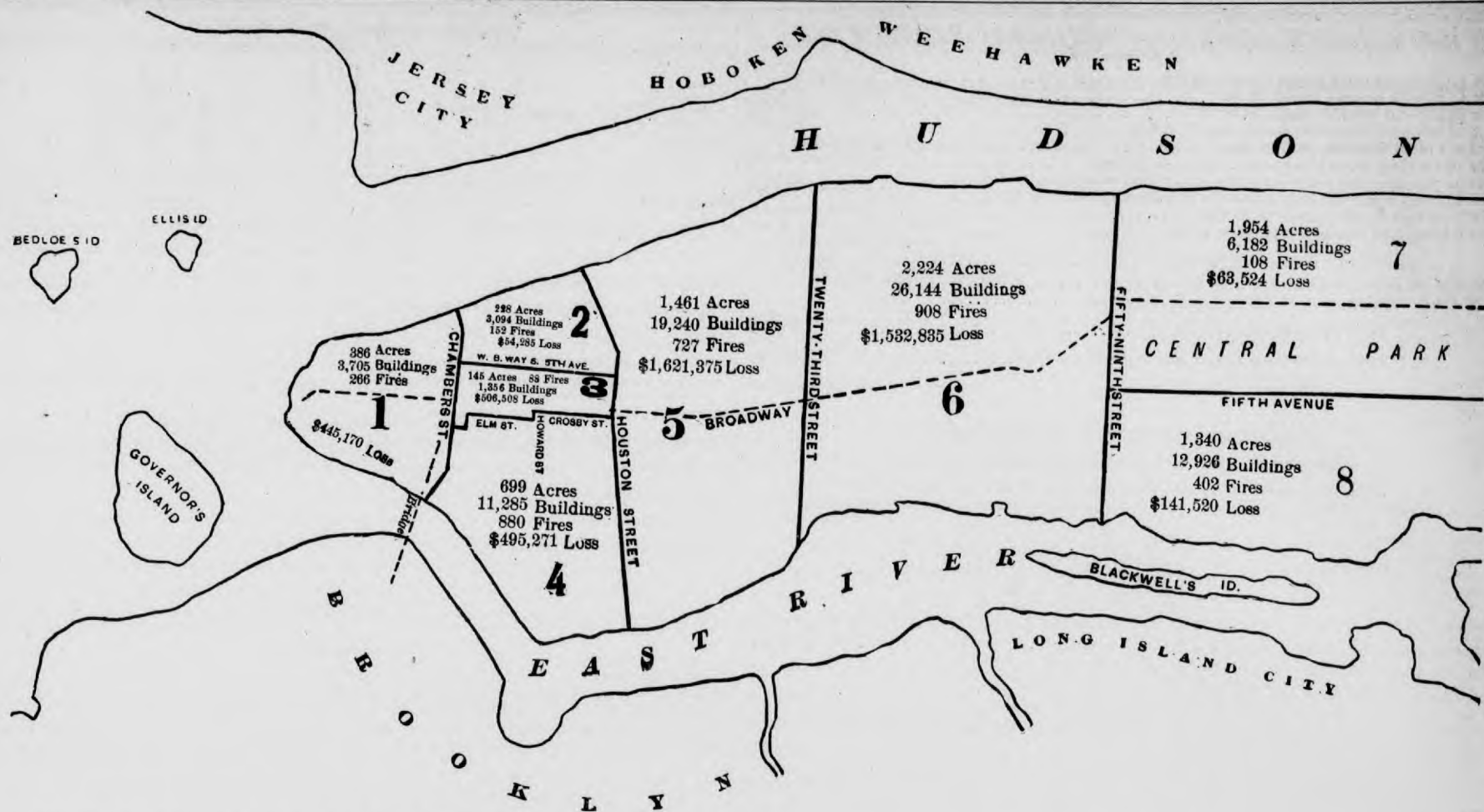
BUREAU OF COMBUSTIBLES.

Operations under the Laws Regulating the Storage of Combustibles and Explosive Materials, etc.

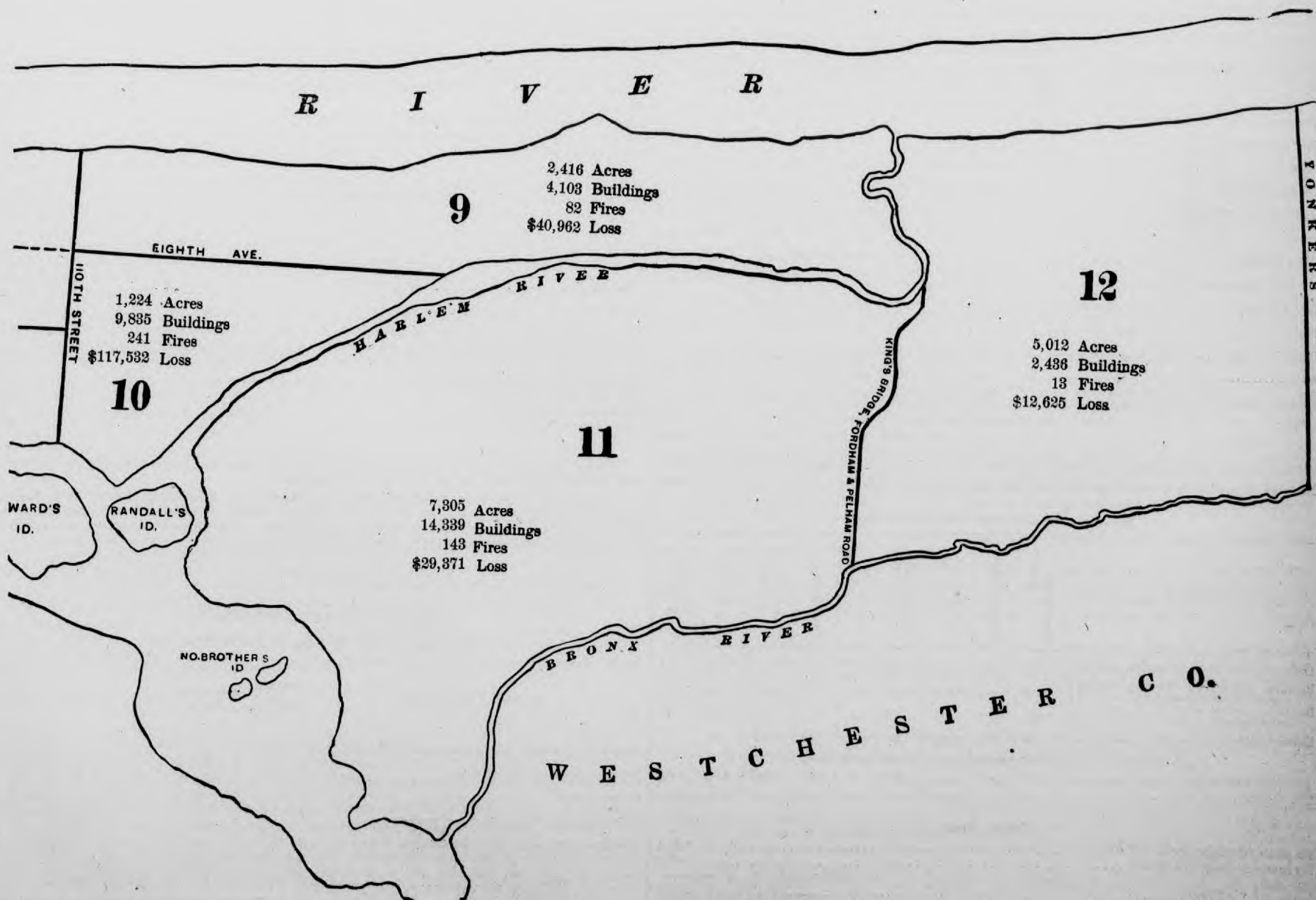
COMPLAINTS OF VIOLATIONS, ETC.	Pending last Report.	Received Since.	Total to be Disposed of.	DISPOSITION.						Now Pending.
				Complied on Notice.	Unfounded.	Penalties Collected.	Penalties Remitted.	Prosecution Recommended.	Total.	
Selling kerosene oil without license.....	18	740	758	635	38	..	..	65	738	20
Chimney fires.....	10	229	239	..	..	121	88	4	213	26
Hoistways found open after conclusion of business...	4	21	25	..	..	4	7	3	14	11
Fire-hydrants obstructed.....	..	27	27	25	2	..	..	..	27	..
Lights unprotected.....	..	1	1	..	1	..	..	..	1	..
Want of fire extinguishing appliances.....	..	1	1	1	..	..	..	..	1	..
Combustible material in excessive quantity.....	5	39	44	12	20	..	..	3	35	9
Kerosene or naphtha, etc., in excessive quantity....	..	19	19	9	8	..	..	..	17	2
Fireworks, chemicals, matches, etc., kept without permit.....	..	8	8	1	6	..	..	..	7	1
Powder, etc., improperly stored, transported, etc....	..	3	3	1	2	..	..	..	3	..
Chimneys, flues, heating apparatus, etc., unsafe....	1	52	53	31	17	..	..	..	48	5
Ashes in wooden boxes, etc.....	..	1	1	1	..	..	..	..	1	..
Hay, straw, cotton, rags, and other vegetable fibre stored in excessive quantity.....	2	3	5	..	3	..	..	..	3	2
Lime, spirits, varnish, etc., stored in excessive quantity.....	..	1	1	1	..	..	..	..	1	..
Total.....	40	1,145	1,185	717	97	125	95	75	1,109	76

Special surveys made to determine the fitness of premises for the storage of combustibles or explosive material.....

Samples of kerosene oil collected and tested.....



NOTE.—The true position of Bedloe's and Ellis Islands are considerably south and west of the locations given them for convenience on this map. The number of buildings on all of the islands is 366 and the number of fires was 1.



Money Received for Licenses and Permits Issued, Penalties Collected, Sale of Seized Explosives, etc.

For 4,176 kerosene oil licenses issued, at \$10	\$41,760 00
For 40 powder licenses issued, at \$5	200 00
For 834 special permits issued, at \$2	1,668 00
For 14 wholesale fireworks permits issued, at \$20	280 00
For 231 retail fireworks permits issued, at \$5	1,155 00
For 17 kindling fire in street permits issued, at 50 cents	8 50
For 92 permits to use and keep explosives in hand magazines, at \$10	920 00
For 1 permit to use and keep explosives in main magazines, at \$25	25 00
For 4 permits to sell explosives, at \$25	100 00
For 6 permits to transport explosives, at \$1	6 00

Total for licenses and permits	\$46,122 50
For 121 penalties for chimney fires, at \$5	\$605 00
For 4 hoistways left open, at \$50	200 00

Total for penalties..... 805 00

Total received and turned over to the Relief Fund..... \$46,927 50

BUREAU OF INSPECTION OF BUILDINGS.

OPERATIONS DURING THE FIVE MONTHS ENDING MAY 31ST.

Plans and Specifications for New Buildings Filed and Acted Upon.

CLASSIFICATION.	Pending last Report.	Received Since.	Total.	Approved.	Amended and Approved.	Disapproved.	Now Pending.	Total.	ESTIMATED COST.
Dwelling-houses—Estimated cost over \$50,000	5	5	10	5	5	0	0	10	\$600,000 00
Dwelling-houses—Estimated cost between \$20,000 and \$50,000	121	121	242	55	83	2	1	141	3,013,000 00
Dwelling-houses—Estimated cost less than \$20,000	28	28	56	87	125	10	6	228	2,912,090 00
Flats—Estimated cost over \$15,000	445	445	890	96	323	22	4	445	10,474,500 00
Tenement-houses—Estimated cost less than \$15,000	36	36	72	7	27	0	2	36	427,500 00
Hotels and boarding-houses	6	6	12	6	6	0	0	12	1,015,000 00
Stores—Estimated cost over \$30,000	40	41	81	1	31	5	4	41	2,627,000 00
Stores—Estimated cost between \$15,000 and \$30,000	17	17	34	15	2	0	0	17	312,000 00
Stores—Estimated cost less than \$15,000	30	30	60	11	17	2	0	30	182,225 00
Office buildings	13	13	26	9	3	0	1	13	1,918,100 00
Manufactories and workshops	61	61	122	8	44	6	3	61	3,204,600 00
School-houses	11	11	22	11	11	0	0	22	943,000 00
Churches	4	4	8	1	3	0	0	4	160,000 00
Public buildings—Municipal	15	15	30	15	15	0	0	30	873,000 00
Public buildings—Places of amusement, etc.	8	8	16	7	1	0	0	8	1,680,000 00
Stables	57	57	114	8	41	4	4	57	767,750 00
Frame dwellings in Twenty-third and Twenty-fourth Wards	7	249	256	129	109	16	2	256	832,400 00
Other frame structures	1	143	144	61	64	13	3	141	154,573 00
Totals	9	1,486	1,495	453	929	33	30	1,495	\$32,121,788 00

Plans and Specifications for Alterations to Buildings Filed and Acted Upon.

CLASSIFICATION.	Pending last Report.	Received Since.	Total.	Approved.	Amended and Approved.	Disapproved.	Now Pending.	Total.	ESTIMATED COST.
Dwelling-houses	236	236	472	72	145	5	14	236	\$611,245 00
Flats	30	30	60	6	15	7	2	30	85,725 00
Tenement-houses	4	219	223	77	138	2	6	223	296,138 00
Hotels and boarding-houses	24	24	48	8	13	3	0	24	192,770 00
Stores	114	115	229	37	71	3	4	115	490,475 00
Office buildings	48	49	97	9	32	6	2	49	179,512 00
Manufactories and workshops	120	124	244	37	76	7	4	124	415,316 00
School-houses	18	18	36	7	7	3	1	18	80,400 00
Churches	9	9	18	1	8	0	0	9	47,280 00
Public buildings	29	29	58	8	19	0	2	29	702,500 00
Stables	24	24	48	9	14	0	1	24	41,675 00
Frame buildings	3	184	187	105	66	8	8	187	193,735 00
Totals	13	1,055	1,068	376	604	44	44	1,058	\$3,336,771 00

Number of applications for permits for new buildings and alterations..... 1,885

Violations of Law and Unsafe Buildings.

NATURE.	Pending last Report.	Received Since.	Total for Disposition.	Removed before Action by Courts.	Dismissed by Courts.	Discontinued.	Total Final Disposition.	Now Pending.	Forwarded for Prosecution.
Defective construction, materials, etc.	192	197	389	116	0	24	190	199	178
Erecting, altering or removing without permit, or after disapproval	329	314	643	270	1	27	298	343	271
Insufficient means of escape, fire-escapes, aisles obstructed, etc.	1,059	1,137	2,196	762	0	203	965	1,231	653
Unsafe buildings	472	613	1,085	414	0	29	443	642	28
Totals	2,052	2,261	4,313	1,562	1	383	1,896	2,417	1,132

Notices Issued.

To place fire-escapes on buildings	1,614
To remove violations of law	636
Total	2,250

Complaints Received and Investigated.

NATURE.	Pending last Report.	Received Since.	Total.	Unfounded.	Remedied on Verbal Notice.	Notices to be Issued.	Total.	Now Pending.
Defective fires	7	32	39	23	10	5	38	1
“ construction and materials	7	31	38	13	3	13	29	9
“ leaders	63	30	93	15	19	24	58	35
Erecting and altering without permit	1	58	59	33	3	22	58	1
Frame structures erected and removed without permit	2	74	76	30	1	33	64	12
Front iron shutters which cannot be opened from the outside	8	1	9	1	1	0	2	7
Hoistway openings not guarded	1	4	5	2	0	0	2	0
Insufficient means of escape, fire-escapes out of repair, etc.	185	409	594	137	41	225	403	191
No iron shutters	1	5	6	1	0	4	5	1
Stairway openings floored over	1	3	4	1	0	3	4	0
Unsafe buildings	46	450	496	202	26	213	441	55
Unsafe passenger elevators	1	6	7	5	0	1	6	1
Unsafe freight elevators	0	1	1	0	0	1	1	0
Weight that floors will sustain not posted	0	2	2	0	0	2	2	0
Totals	323	1,106	1,429	463	104	546	1,113	316

Passenger Elevators.

Number inspected	1,162
Found to be in good order and fit for use	1,010
Found not in compliance with the law	52
Notices issued in above cases	61
Number of passenger elevators in city	1,171

Disposition of Elevator Cases Found not in Compliance with Law.

NATURE.	Pending last Report.	Received Since.	Total.	Law Complied with.	Now Pending.	Forwarded for Prosecution.
Defective cylinders	0	1	1	1	0	0
Defective guide rails	0	8	8	3	5	0
Defective running gear	0	1	1	1	0	0
Doors and door locks out of repair	1	6	7	3	4	1
Fronts of cars unprotected	7	20	27	16	11	2
Generally unsafe	1	4	5	5	0	1
New ropes required	1	8	9	6	3	0
Run by persons under 18 years of age and incompetent persons	0	4	4	3	1	1
Totals	10	52	62	38	24	5

Proceedings of Board of Examiners.

Number of meetings held	23
Number of cases acted upon	213
Number of applicants for appointment as Inspectors examined	1
Found qualified	1

Petitions for Modification of the Law.

	APPROVED.	DISAPPROVED.	TOTAL.
New buildings	102	17	119
Alterations	65	17	82
Iron shutters	9	3	12

New buildings commenced	1,107
New buildings completed	1,052
Alterations commenced	720
Alterations completed	678

Under the provisions of chapter 275 of the Laws of 1892, this Bureau became the "Department of Buildings," and was put into operation on June 1.

Chapter 521 of the Laws of 1880 abolished the Department of Buildings then existing, and the Bureau of Inspection of Buildings in the Fire Department was created in lieu thereof, being organized and put into operation on August 1 of that year. The Bureau was, therefore, a part of this Department during the period of eleven years and ten months.

ATTORNEY TO THE DEPARTMENT.

Violations of Law Relating to Combustibles, etc.

NATURE OF VIOLATIONS.	PENDING LAST REPORT.	RECEIVED SINCE.	TOTAL.	DISPOSED OF.	NOW PENDING.
Combustible materials in excessive quantities	1	2	3	2	1
Selling kerosene oil without license	17	61	78	51	27
Chimney fires	2	4	6	6	0
Hoistways open after conclusion of business	2	2	4	4	0
Storing naphtha, etc., without license	0	1	1	0	1
Total	22	70	92	63	29

Violations of Law Relating to Buildings.

NATURE OF VIOLATIONS.	PENDING LAST RE ORT.	RECEIVED SINCE.	TOTAL.	DISPOSED OF TO JUNE 1.	TURNED OVER TO DEPART- MENT OF BUILDINGS JUNE 1.
Defective construction, materials, etc.....	212	43	255	51	204
Erecting, altering or removing without permit or after disapproval.....	317	113	430	122	308
Insufficient means of escape, fire escapes, aisles ob- structed, etc.....	668	279	947	180	767
Unsafe buildings.....	52	12	64	9	55
Defective elevators.....	4	3	7	3	4
Total.....	1,253	450	1,253	365	1,338

Violations of Law Relating to Rope Fire-escapes, etc.

	PENDING LAST REPORT.	RECEIVED SINCE.	TOTAL.	DISPOSED OF	NOW PENDING.
Rope fire-escapes	95	96	10	86

Miscellaneous Business.

NATURE.	PENDING LAST REPORT.	RECEIVED.	TOTAL.	DISPOSED OF.	NOW PENDING.
Opinions required.....	..	11	11	10	1
Suits and proceedings to review action of Board of Fire Commissioners.....	21	4	25	12	13
Suits by or against officers of the Department.....	3	3	6	1	5
Total.....	24	18	42	23	19

Money Received.

Violation of Combustible Laws—	
Chimney fire.....	\$5 00
Open hoistway—Penalty.....	50 00
Selling kerosene oil without license—Penalty.....	10 00
	\$65 00
Paid to the Treasurer of the Relief Fund of the Fire Department, as required by law.....	60 00
	\$5 00
Violation of Building Laws—	
January 1, 1892, on hand.....	\$10 00
Received as penalties and costs for violations of laws relating to buildings	194 06
	\$204 06
Paid to the Comptroller, as required by law.....	\$204 06

FIRE-ALARM TELEGRAPH.

The transfer of overhead circuits to subways, and the removal of wires and poles, rendered necessary thereby, was continued during the year, to the limit permitted by the amount of appropriation made therefor.

The subsidiary ducts constructed by the Department connected with 49 combination signal posts, 5 company houses and 6 school buildings; in all, through the general subways and subsidiary ducts connection was furnished with 63 street alarm boxes, 7 department buildings, 4 hospitals, and 12 school buildings.

The additions to the underground system consisted in the laying of 14½ miles of cable, containing 114¼ miles of single conductors, in the general subways and those constructed by the Department.

A much larger amount of appropriation could have been expended, with benefit to the Department and the city, as there were enough completed subways into which the Department could transfer its wires, at the close of the year, to expend almost the entire appropriation made for placing telegraph wires underground during the year 1893, leaving only a small balance for subsidiary connections required in streets about to be repaved, and for other necessary connections.

The underground system, at the end of the year, consisted in the following:

73½ miles of cables, containing 683¼ miles of single conductor; 26¾ miles of subsidiary duct, constructed by the Department; and of 38¾ miles of duct furnished by the Subway Companies, making a total of 65½ miles of single duct, connecting the Central Office with the following:

320 street fire-alarm boxes, 49 apparatus companies, 6 other department buildings, 4 hospitals and 24 public schools.

The following other work was done:

153 miles of wire taken down.
121 miles of wire strung in repairs and extensions.
41 poles reset.
349 new poles set.
1,158 poles taken down.
399 combination signal and lamp-post and
234 signal box poles painted.
30 additional street alarm boxes put in service and
3 additional boxes in public schools.
60 fire-alarm signal locked boxes changed to the keyless pattern.
66 lamp-posts altered to combination boxes and lamp posts, and boxes attached thereto.

The following fire-alarm-telegraph signal boxes were in use at the end of the year:

Street fire alarm boxes	819
In public schools.....	131
In other public institutions.....	27
Special boxes in places of amusement, hotels, etc.....	258
Total.....	1,235

Of the street alarm boxes 464 are of the keyless door pattern.

The Superintendent of Telegraph suggests arranging with the Department of Public Works to provide for the placing of pipes and service boxes in streets where no subway facilities are furnished or contemplated by the subway companies, in order to avoid disturbing the pavements subsequently, and also to save expense; the necessary material to be furnished by this Department.

By means of a re-arrangement of circuits and the use of new transmitting devices in the Central Office, the sending of every fire alarm signal to each company in the Department, regardless of its location, as heretofore, has been, to a great extent obviated. As a result, the proportion of alarm signals now received by each company averages less than fifty per cent. of the total number. As the total number of first alarms sent during the year amounted to 2,578, the relief afforded by this re-arrangement is obvious.

It is in contemplation to change the numbers of the signal boxes north of One Hundred and Thirtieth street, the object being to make room in the code for future additions and to shorten the signals.

The Superintendent of Telegraph also reports his intention to recommend the use of dynamic currents in lieu of the present batteries, which, he states, will result in economy of space and expense.

The following table shows the number of alarms and calls received at, and transmitted from, the Central Office:

First alarms from—

Street boxes.....	2,578
Special building boxes.....	16
Police Headquarters.....	3
Automatic Signal Telegraph Company.....	43
Thermostatic Signal Company.....	8
	2,648

Second alarms..... 138
Third alarms..... 58
Fourth alarms..... 14
Fifth alarms..... 2
Simultaneous calls..... 1
213
2,861

Special calls for—

Companies.....	166
Insurance patrols.....	77
Ambulances.....	188
	644

Total alarms and calls..... 3,405

Messages transmitted.....	10,441
Messages received.....	10,183
Total.....	20,624

Notices of companies leaving quarters on verbal alarms..... 1,337

The Legislature of 1892 passed an act, entitled chapter 275, creating a department of buildings, amending the Consolidation Act, and adding a new section thereto creating a bureau to be known as the Bureau of Fire Alarm Telegraph and Electrical Appliances in the Fire Department.

Section 44 of said act enacted a new section, numbered 517½ of the Consolidation Act, which provided for the organization of the bureau above referred to, and specified its duties as follows:

“Said bureau shall have charge of the construction, care and management of the fire alarm telegraph system of said department. Said bureau is also charged with the duty of enforcing all the provisions of this title, and all the rules, regulations, orders and requirements made thereunder in regard to electrical wires, and the currents for furnishing light, heat or power for any building in said city, and in regard to the arrangement and use of such light, heat or power.”

The section further authorized and required the Board of Fire Commissioners to make rules and regulations in regard thereto, and provided for the enforcement of the provisions of the law and regulations made thereunder; it also provided the following:

“The Board of Apportionment is hereby required to provide the funds necessary to carry out the requirements of this section for the balance of the current year, either by transfer from unexpended or existing appropriations, or by issue of bonds to be paid out of the taxes of the next year. Thereafter the expense herein imposed shall be provided for in the annual appropriation for said department.”

Immediately on the receipt of a certified copy of the act, to wit, on May 23, the Board of Fire Commissioners applied to the Board of Estimate and Apportionment for the funds necessary to carry out the requirements of this section “for the balance of the current year.” This application was in detail as follows:

For the Bureau of Fire Alarm Telegraph and Electrical Appliances.

(Section 44, chapter 275, Laws of 1892, enacting a new section, 517½, of chapter 410 of the Laws of 1882).

For salaries for the remaining seven months of the current year, beginning with June 1:

1 Superintendent of Fire Alarm Telegraph and Electrical Appliances, at \$4,500 (an increase over the present salary of \$1,000 per annum).....	\$583 33
1 Chief Operator, at \$2,500 (an increase over the present salary of \$700 per annum).....	408 34
2 Inspectors of Electrical Appliances, at \$1,800 per annum.....	2,100 00
8 Inspectors of Electrical Appliances, at \$1,200 per annum.....	5,600 00
1 Draughtsman, at \$1,200 per annum.....	700 00
1 Stenographer and Clerk, at \$1,200 per annum.....	700 00
1 Clerk, at \$1,000 per annum.....	583 33
1 Messenger, at \$750 per annum.....	437 50
Total for salaries.....	\$11,112 50
For Maps, Apparatus, Implements and Contingencies.....	2,000 00
Total.....	\$13,112 50

“It is estimated that over 8,000 buildings in this city are now connected with electric current for the purpose of furnishing light and power.

“The plan of organization of the new bureau adopted contemplates the division of the city into two sections, each to be under a general inspector, and the further subdivision of the city into eight districts, to each of which an inspector is to be assigned, who is to be under the immediate supervision of one of the general inspectors.

“The duties and responsibilities of the present Superintendent of Telegraph, who has already been designated as the chief of the new bureau, will be greatly increased, and for him, as well as for his principal assistant, the Chief Operator, an increase of salary is asked.

“The estimate has been made as economically as possible, consistent with an efficient administration of the new duties imposed on the Department.

“There are no estimated, unexpended or excessive appropriations in this Department from which a transfer could be made.

“As the new bureau supersedes the branch of the Department heretofore known as the Fire Alarm Telegraph, the unexpended appropriation for salaries of that branch for the current year from June 1 next should be transferred to the new bureau. This balance, as near as can now be estimated, will on that date amount to \$16,428.50, and the transfer of that sum is hereby requested.”

No action was taken by the Board of Estimate and Apportionment upon this application, and when the Departmental Estimate for the expenses of this Department for the year 1893 was made by the Commissioners, in conformity with the last clause of the section referred to (above quoted), a demand was made for the sum in detail sufficient to cover the expenses of this Department for the year 1893, as follows:

“Bureau of Fire-alarm Telegraph and Electrical Appliances Pay-roll.

(Sections 48, 428 and 517½, chapter 410, of 1882, as amended.)

Superintendent.....	\$4,500 00
Chief Operator.....	2,500 00
Operator.....	1,500 00
5 Operators, at \$1,380.....	6,900 00
5 Assistant Operators, at \$1,200.....	6,000 00
2 General Inspectors, at \$1,800.....	3,600 00
8 Inspectors, at \$1,200.....	9,600 00
Draughtsman and Map-maker.....	1,200 00
Stenographer Clerk.....	1,200 00
Clerk.....	1,000 00

Clerk.....	\$1,000 00
Batteryman.....	1,200 00
2 Assistant Batteryman, at \$1,000.....	2,000 00
2 Alarm-box Inspectors, at \$1,000.....	2,000 00
Instrument Maker.....	1,100 00
2 Machinists, at \$1,100.....	2,200 00
Foreman of Construction.....	1,000 00
5 Linemen, at \$900.....	4,500 00
2 Joiners and Plumbers, at \$1,000.....	2,000 00
Messenger.....	750 00
Total.....	\$55,750 00

“Under the provisions of section 44, chapter 275 of the Laws of 1892 (known as the Building Law), enacting section 517½ of chapter 410, Laws of 1882, this branch of the Department became the “Bureau of Fire-alarm Telegraph and Electrical Appliances,” and was charged, in addition to the care and maintenance of the Fire-alarm Telegraph, as heretofore, with the new and important duties of directing and superintending the wiring, etc., in all buildings in which electricity is to be used for the generation of heat, light or power.

“To properly direct and supervise the wiring and placing of electrical appliances in buildings, as required by the act referred to, the following will be required as specified in the above estimate :	
2 General Inspectors, at \$1,800.....	\$3,600 00
8 Inspectors, at \$1,200.....	9,600 00
Draughtsman and Map-maker.....	1,200 00
Stenographer and Clerk.....	1,200 00
Clerk.....	1,000 00
Messenger.....	750 00
Total.....	\$17,350 00

“It is proposed to divide the city into eight districts, each one under an Inspector, and to have two General Inspectors to supervise their work. The Draughtsman is for the examination and making of plans of electrical work. All must have practical and technical knowledge and experience.

“The Stenographer and Clerk and Clerk and Messenger are necessary for the proper conduct of the business of this Bureau.

“It is estimated that there are more than 8,000 buildings in this city wired to furnish electricity for light or power, or both, and, as is well known, the number of such plant is constantly and rapidly increasing. During the past two and a half years 91 fires caused by defective electric wiring in buildings occurred, causing a loss of \$228,210.

“For the original purposes of this Bureau, the care and maintenance of the Fire-alarm Telegraph, \$26,945 was allowed for the current year, and for the same purposes, \$37,900 is called for in the above estimate. The increase for fire-alarm telegraph purposes is made up as follows :

2 Additional Operators, at \$1,400.....	\$2,800 00
Instrument Maker.....	1,200 00
Foreman of Construction.....	1,000 00
3 Linemen, at \$900 each.....	2,700 00
2 Joiners and Plumbers, at \$1,000.....	2,000 00
Machinist.....	1,100 00

“The following additions to salaries are also included in the above :	
Superintendent, from.....	\$4,000 to \$4,500
Chief Operator, from.....	2,000 to 2,500

“These are, in the judgment of the Commissioners, warranted by the circumstances.
“Without regard to any other considerations, the increased duties of these officials under the new law alone justifies the advance in their salaries.

The Board of Estimate and Apportionment, however, ignored these demands, and nothing was allowed for the purpose of carrying the new provisions into effect. For this reason the Department has been unable to enforce the law referred to.

SANITARY STATISTICS OF THE UNIFORMED FORCE.

Cases of Disability.

CAUSED BY—	NUMBER.	DAYS LOST.
Injuries.....	161	4,434
Disease.....	495	9,758
Total.....	656	14,192

Examination of candidates for appointment to the uniformed force :	
Number found qualified.....	199
Number found disqualified.....	314
Total examined.....	513

Deaths in the Uniformed Force.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE OF DEATH.	CAUSE.
John F. Sullivan.....	Fireman, 1st grade...	Engine 9..	June 1, 1872	Jan. 4	Heart failure.
Daniel L. Cain.....	Assistant Foreman...	“ 12..	Dec. 23, 1880	Feb. 8	Heart disease.
Thomas F. Kehoe...	Fireman, 1st grade...	H. & L. 21.	June 7, 1886	Apr. 22	Pneumonia.
Thomas R. Godfrey.	“ 1st grade...	“ 21.	“ 7, “	May 23	{ Result of injuries received by being thrown from truck.
John Kavanagh.....	Engineer.....	Engine 13.	Jan. 30, 1867	July 8	Aneurism of aorta.
James Stephenson...	Fireman, 1st grade...	H. & L. 3.	June 1, 1886	“ 29	Heart disease.
Francis Reilly.....	“ 1st grade...	Engine 7..	Dec. 6, 1881	Aug. 27	{ Result of injuries received by falling from Water Tower.
Adam Messer.....	“ 1st grade...	“ 53..	Nov. 14, 1868	“ 30	Pneumonia.
John J. Ennis.....	“ 2d grade....	“ 22..	Dec. 23, 1888	Nov. 22	Phthisis.
Michael Kirwan....	“ 1st grade...	“ 26..	Apr. 5, 1884	“ 29	Bright's disease.
James McCann.....	“ 1st grade...	H. & L. 15.	Nov. 19, 1883	Dec. 12	Cirrhosis of liver.

Deaths among those Relieved from Service at Fires.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	WHEN RELIEVED.	CAUSE.	DATE OF DEATH.	CAUSE.
Alexander McNeill.	Foreman.....	Engine 36	1865. Oct. 15	1891. Sept. 4	Phthisis.....	Jan. 4	Phthisis.
Patrick H. Delaney.	Engineer.....	“ 27	1871. Dec. 7	1891. Sept. 9	Paralysis.....	Mar. 5	Paralysis.
Dewitt C. Baggott..	{ Fireman, 1st grade.....	“ 50	1866. Nov. 14	1890. Apr. 10	{ Chronic rheumatism }	Aug. 16	Cancer.
James Daly.....	{ Fireman, 1st grade.....	“ 8	1873. Oct. 1	1888. June 27	Stiff ankle.....	Sept. 21	Bright's disease.
Jacob Reiter.....	{ Fireman, 1st grade.....	H. & L. 11	1874. Feb. 1	1890. Mar. 1	{ Chronic rheumatism }	Oct. 3	

Deaths among those Retired from all Service.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE OF RETIREMENT.	CAUSE.	DATE OF DEATH.	CAUSE.
Benjamin F. Nash...	Foreman.....	Engine 45	1869. Sept. 2	1884. Apr. 1	{ Chronic rheumatism }	Jan. 31	Phthisis.
Samuel L. Hunt.....	{ Fireman, 1st grade....	H. & L. 14	1865. Sept. 15	1878. June 1	Phthisis.....	Apr. 16	Heart disease.
Dennis J. Leary.....	{ Fireman, 1st grade....	Engine 10	1873. Mar. 1	1879. July 1	{ Chronic rheumatism }	May 22	Bright's disease.
Francis Murray.....	{ Fireman, 1st grade....	H. & L. 18	1865. Sept. 29	1879. Oct. 1	Varicose ulcers.	Nov. 17	Heart disease.
William Reed.....	{ Assistant Engineer..	Engine 27	1875. May 25	1884. Aug. 15	Near-sighted..	May 13	Meningitis.
Cornelius J. Kingsley	{ Fireman, 1st grade....	“ 15	1873. Jan. 1	1886. Jan. 1	Epilepsy.....	Nov. 15	Bright's disease.

Relieved from Service at Fires.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE WHEN RELIEVED.	CAUSE.
Stephen C. Purdy.....	Fireman, 1st grade	Engine 22	Aug. 3, 1876	Dec. 10	Varicocoele.
Daniel McKnight.....	“ 1st grade	“ 28	Oct. 17, 1870	“ 10	Chronic rheumatism.
Thomas Carney, No. 1..	“ 1st grade	“ 49	June 10, 1870	“ 10	“
John Burke.....	“ 1st grade	“ 53	Mar. 1, 1873	“ 10	Asthma ; varicose veins.
Adam Hutter.....	“ 1st grade	H. & L. 22	Apr. 20, 1869	“ 10	Chronic rheumatism.
Patrick Riley.....	Engineer.....	Engine 51	May 21, 1875	“ 10	Vertigo ; defective vision.
James Young.....	“	“ 47	Jan. 16, 1870	“ 10	Near-sighted ; rupture.
James J. Gerety.....	Assistant Foreman..	“ 54	Feb. 10, 1874	“ 10	Asthma.

APPARATUS.

Purchased.

The following new apparatus was purchased during the year :
Four engines, eight four-wheeled hose wagons, three hook and ladder trucks and three fuel wagons. (See “Description of Steam Fire-engines, Hose Wagons, Hook and Ladder Trucks, etc.,” in another part of this report.)

Rebuilt.

5 hook and ladder trucks.

REPAIR SHOP WORK.

Extensive Repairs.

49 to steam fire-engines.
4 to hook and ladder trucks.
7 to hose wagons.
2 to water-towers.

Ordinary Repairs.

224 to steam fire engines.
138 to hook and ladder trucks.
48 to hose wagons.
33 to hose tenders.
19 to water-towers.
94 to battalion wagons.
27 to floating engines.
12 to fuel wagons.
1 to wrecking truck.
30 to various wagons.
1 to hand engine.

Repairs by the Wrecking Force.

88 to steam fire-engines.
87 to hook and ladder trucks.
22 to hose tenders.
12 to hose wagons.
7 to water-towers.
9 to battalion wagons.

In addition to the above, a large amount of work, consisting of parts of apparatus, harness, etc., manufactured and repairs, painting, etc., was done by the mechanical force.

Inventory of Apparatus.

	TOTAL.
Marine steam fire-engines (Engine Companies Nos. 43, 51 and 57).....	3
{ First size.....	18
{ Second size.....	41
Steam fire-engines.....	16
{ Third size.....	15
{ Fourth size.....	2
{ Fifth size.....	45
Hose tenders, four-wheeled.....	1
Hose tenders, four-wheeled—double reel (for boat).....	34
Hose tenders, two-wheeled.....	27
Hose wagons, four-wheeled.....	4
Water-towers.....	4
{ Turn-table, with extension ladder... { First size.....	4
{ Second size.....	1
Hook and ladder trucks. { Roller-frame, with extension ladder { First size.....	19
{ Second size.....	7
{ Goose-neck, without extension ladder.....	5
Chemical fire-engines.....	5
Fuel wagons.....	23
Wrecking truck.....	1
Hand-engines.....	3
Hose carriages.....	1
Hose jumpers.....	9
Chief of Battalion wagons.....	21
Portable water tank.....	1

Classified Description of Steam Fire Engines.

Size.	STYLE OF—			SIZE IN INCHES OF—			Weight with Water.	When built or placed in service.	MANUFACTURER'S—		WHERE IN SERVICE.
	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.			Name.	Number.	
1	Barrel tank.....	Drop tube	Double.....	8	12	4 1/4	8,800	1865	Amoskeag Manufacturing Company.....	143	Spare.
1	"	"	"	8	12	4 1/4	8,800	1866	"	191	"
1	"	"	"	8	12	4 1/4	8,800	1866	"	192	"
1	"	"	"	8	12	4 1/4	8,800	1866	"	193	"
1	*Straight frame.....	"	"	8 1/2	8	4 1/4	9,600	1872	"	284	"
1	*Crane neck.....	"	"	7 3/4	8	4 1/2	8,000	1874	"	494	"
1	"	"	"	7 3/4	8	4 1/2	7,320	1879	"	527	"
1	"	Coil.....	"	7 1/4	8	4 1/2	7,575	1880	Ahrens Manufacturing Company.....	252	Engine 34.
1	"	Drop tube	"	8	7	4 1/2	7,450	1880	Clapp & Jones Manufacturing Company.....	351	" 33.
1	"	"	"	8	7	5	7,450	1880	"	352	" 7.
1	"	"	"	8 1/2	7	5	7,890	1882	"	380	" 14.
1	"	"	"	8 1/2	7	5	8,110	1882	"	381	" 1.
1	"	"	"	8 1/2	7	5	7,890	1882	"	383	" 19.
1	"	"	"	8 1/2	7	5	7,890	1882	"	385	" 55.
1	"	"	"	9	8	5 1/2	8,430	1890	"	544	" 30.
1	"	Sectional coil.....	"	9	8	5 1/2	8,490	1891	"	558	" 16.
1	"	"	"	9	8	5 1/2	8,460	1891	"	559	" 25.
1	"	"	"	9	8	5 1/2	8,155	1892	American Fire Engine Company	2,152	" 21.
2	U tank.....	Tubular.....	Single.....	8	12	4 3/4	6,750	1865	Amoskeag Manufacturing Company.....	147	Spare.
2	"	Nest tube.....	"	8	12	4 3/4	6,520	1865	"	158	"
2	"	Tubular.....	"	8	12	4 3/4	6,750	1866	"	159	Engine 5.
2	"	Nest tube.....	"	8	12	4 3/4	6,750	1866	"	160	Spare.
2	"	Drop tube.....	"	8	12	4 3/4	6,750	1866	"	162	"
2	"	"	"	8	12	4 3/4	6,750	1866	"	163	Ward's Island.
2	"	Tubular.....	"	8	12	4 3/4	6,750	1866	"	164	Engine 13.
2	"	Sectional coil tube.....	"	8	12	4 3/4	6,750	1866	"	165	" 16.
2	Straight frame.....	"	Double.....	6 3/4	8	4 1/2	6,700	1867	"	226	Spare.
2	"	Drop tube	"	6 3/4	8	4 1/2	6,700	1867	"	227	"
2	"	"	"	6 3/4	8	4 1/2	6,700	1867	"	228	"
2	"	"	"	6 3/4	8	4 1/2	6,700	1867	"	229	"
2	"	"	"	6 3/4	8	4 1/2	6,700	1867	"	230	"
2	"	"	"	6 3/4	8	4 1/2	6,700	1868	"	295	"
2	"	Nest tube.....	"	6 3/4	8	4 1/2	6,700	1868	"	296	Engine 39.
2	"	Tubular.....	"	6 3/4	8	4 1/2	6,700	1868	"	301	Spare.
2	"	Nest tube.....	"	6 3/4	8	4 1/2	6,700	1868	"	302	Engine 41.
2	Crane neck.....	"	"	7 1/4	8	4 3/4	8,250	1886	La France Fire Engine Company.....	108	Engine 9.
2	"	Sectional coil tube.....	"	7 1/2	7	4 3/4	7,240	1887	Clapp & Jones Manufacturing Company.....	491	" 24.
2	"	Drop tube.....	"	6 3/4	8	4 1/2	6,800	1871	Amoskeag Manufacturing Company.....	359	" 23.
2	"	"	"	6 3/4	8	4 1/2	6,800	1871	"	360	" 15.
2	"	"	"	6 3/4	8	4 1/2	6,800	1871	"	361	" 28.
2	"	"	"	6 3/4	8	4 1/2	6,800	1871	"	362	Spare.
2	"	"	"	6 3/4	8	4 1/2	7,385	1871	"	363	Engine 11.
2	"	Tubular.....	"	6 3/4	8	4 1/2	7,250	1873	"	437	" 8.
2	"	Drop tube.....	"	6 3/4	8	4 1/2	6,950	1873	"	438	" 54.
2	"	"	"	6 3/4	8	4 1/2	6,950	1873	"	439	Spare.
2	"	"	"	6 3/4	8	4 1/2	6,950	1873	"	440	Engine 29.
2	"	"	"	6 3/4	8	4 1/2	6,950	1873	"	441	Spare.
2	"	"	"	6 3/4	8	4 1/2	6,950	1873	"	455	"
2	"	Coil.....	"	6 3/4	8	4 1/2	6,210	1883	Ahrens Manufacturing Company.....	358	Engine 13.
2	"	"	"	6 3/4	8	4 1/2	6,210	1883	"	360	" 20.
2	"	Drop tube.....	"	7 1/2	7	4 3/4	6,550	1883	Clapp & Jones Manufacturing Company.....	413	" 32.
2	"	"	"	7 1/2	7	4 3/4	6,485	1883	"	415	" 27.
2	"	"	Rotary.....	9	..	..	6,400	1884	Silsby Manufacturing Company.....	780	Ward's Island. Spare.
2	"	"	Double.....	7 1/2	7	4 3/4	6,885	1885	Clapp & Jones Manufacturing Company.....	463	Engine 31.
2	"	Sectional coil tube.....	"	7 1/2	7	4 3/4	6,740	1886	"	473	" 4.
2	"	Nest tube.....	"	7 3/4	8	4 1/2	8,230	1888	La France Fire Engine Company.....	146	" 18.
2	"	"	"	7 3/4	8	4 1/2	8,675	1888	"	147	" 5.
2	"	"	"	8 1/4	8	4 3/4	8,050	1892	"	224	" 12.
2	"	"	"	8 1/4	8	4 3/4	8,060	1892	"	232	" 3.
3	Harp tank.....	Drop tube.....	Single.....	7 3/4	9 1/2	4 1/4	5,550	1861	Amoskeag Manufacturing Company.....	36	Spare.
3	"	"	"	7 3/4	9	4 3/4	5,700	1876	"	516	"
3	"	Nest tube.....	"	7 3/4	9	4 3/4	5,700	1877	"	517	Engine 50.
3	"	"	"	7 3/4	9	4 3/4	5,700	1877	"	519	" 38.
3	"	"	"	7 3/4	9	4 3/4	5,700	1877	"	520	" 37.
3	Straight frame.....	Coil.....	"	8	7	5	4,665	1883	Ahrens Manufacturing Company.....	354	" 45.
3	"	"	"	8	7	5	4,665	1883	"	356	" 42.
3	Horizontal.....	Tubular.....	"	6	10	4 1/2	..	1865	Clapp.....	..	Randall's Island. Spare
3	Crane neck.....	Nest tube.....	Double.....	8 1/4	6	4 1/2	7,490	1889	La France Fire Engine Company.....	165	Engine 56.
3	"	"	"	8 1/4	6	4 1/2	7,420	1889	"	164	" 6.
3	"	"	"	8 1/4	6	4 1/2	7,450	1889	"	163	" 26.
3	"	"	"	8 1/2	6	4 1/2	7,710	1890	"	187	" 17.
3	"	"	"	8 1/2	6	4 1/2	7,720	1890	"	186	" 35.
3	"	"	"	8 1/2	6	4 1/2	7,510	1891	"	202	" 10.
3	"	"	"	8 1/2	6	4 1/2	7,500	1891	"	203	" 2.
3	"	"	"	7 3/4	8	4 1/2	6,882	1892	"	233	" 40.

* Formerly self-propellers.

Size.	STYLE OF—			SIZE IN INCHES OF—			Weight with Water.	When built or placed in service.	MANUFACTURER'S—		WHERE IN SERVICE.
	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.			Name.	Number.	
4	Crane neck.....	Drop tube.....	Double.....	9¼	6	5½	5,750	1881	Clapp & Jones Manufacturing Company.....	359	Engine 31.
4	".....	".....	".....	9¼	6	5½	5,750	1881	".....	362	" 44.
4	".....	".....	".....	9¼	6	5½	5,750	1881	".....	365	" 53.
4	".....	".....	".....	9¼	6	5½	5,300	1881	".....	368	" 33.
4	".....	".....	".....	9¼	6	5½	5,300	1881	".....	370	" 12.
4	".....	".....	".....	9¼	6	5½	5,300	1881	".....	371	" 49.
4	".....	".....	".....	9¼	6	5½	5,300	1881	".....	375	Spare.
4	".....	".....	".....	9¼	6	5½	5,950	1884	".....	430	Engine 18.
4	".....	".....	".....	9¼	6	5½	5,950	1884	".....	432	" 22.
4	".....	".....	".....	9¼	6	5½	5,950	1884	".....	433	" 47.
4	".....	".....	".....	9¼	6	5½	5,950	1884	".....	434	" 27.
4	".....	".....	".....	9¼	6	5½	5,950	1884	".....	436	" 26.
4	".....	".....	".....	9¼	6	5½	5,950	1884	".....	438	" 36.
4	Straight frame.....	".....	".....	9¼	6	5½	4,750	1883	".....	409	" 48.
4	".....	".....	".....	9¼	6	5½	4,745	1883	".....	417	" 46.
5	Crane neck.....	".....	".....	7½	6	4½	4,680	1882	".....	397	Spare.
5	".....	".....	".....	7½	6	4½	5,030	1884	".....	452	Engine 52.
1	Marine engine.....	Tubular.....	".....	11	12	5	.....	1875	Amoskeag Manufacturing Company, pumps.....	{513}	" 43.
1	".....	".....	".....	11	12	5	.....	1883	Clapp & Jones Manufacturing Company, pumps.....	{514}	" 51.
1	".....	".....	".....	16	9	7½	.....	1883	{ La France Fire Engine Company.....	{495}	" 57.
1	".....	".....	".....	16½	11	10	.....	1891	{ Clapp & Jones Manufacturing Company.....	{406}	" 57.

Classified Description of Hose Tenders, Hose Wagons, Boat Tenders, Water Towers, etc

STYLE.	MANUFACTURER.	WHEN BUILT OR PLACED IN SERVICE.	REGISTERED No.	WHERE USED.
Four-wheel hose tenders.....	Dept. Repair Shops.....	.....	33	Spare.
".....	".....	1865	1a	"
".....	".....	1875	35	"
".....	".....	1877	37	"
".....	".....	1877	38	"
".....	".....	1881	42	"
".....	Fire Extinguisher Mfg. Co.....	1882	43	"
".....	".....	1882	45	"
".....	".....	1882	46	"
".....	".....	1882	48	Eng. Co. 44.
".....	".....	1882	34	Spare.
".....	P. J. Nevins.....	1882	49	Eng. Co. 48.
".....	J. U. Bauchelle.....	1883	51	Spare.
".....	".....	1883	54	"
".....	".....	1883	55	Eng. Co. 37.
".....	".....	1883	56	" 42.
".....	".....	1883	57	" 45.
".....	".....	1883	58	" 47.
".....	".....	1883	59	" 50.
".....	Fire Extinguisher Mfg. Co.....	1884	60	Spare.
".....	".....	1884	61	Eng. Co. 10.
".....	".....	1884	62	Spare.
".....	".....	1884	63	"
".....	".....	1884	64	"
".....	".....	1884	65	"
".....	".....	1885	66	Eng. Co. 52.
".....	Gleason & Bailey Mfg. Co.....	1885	68	" 53.
".....	".....	1886	69	" 23.
".....	".....	1886	70	" 22.
".....	".....	1886	72	Spare.
".....	".....	1886	73	Eng. Co. 39.
".....	".....	1886	74	Spare.
".....	".....	1887	76	"
".....	".....	1887	77	Eng. Co. 2.
".....	William Cole & Co.....	1887	75	" 46.
".....	Gleason & Bailey Mfg. Co.....	1888	79	" 26.
".....	".....	1888	80	" 8.
".....	".....	1888	81	" 27.
".....	".....	1888	82	" 15.
".....	".....	1888	78	" 28.
".....	".....	1889	84	" 31.
".....	".....	1889	85	" 54.
".....	".....	1889	86	" 35.
".....	".....	1889	87	" 56.
".....	".....	1889	83	" 36.
Four-wheel double reel boat tender..	Dept. Repair Shops.....	1889	1	H. & L. Co. 15.
Two-wheel hose tenders.....	".....	.....	19	Spare.
".....	".....	.....	20	"
".....	".....	.....	21	Eng. Co. 6.

STYLE.	MANUFACTURER.	WHEN BUILT OR PLACED IN SERVICE.	REGISTERED No.	WHERE USED.
Two-wheel hose tenders.....	Dept. Repair Shops.....	.....	12	Spare.
".....	".....	.....	24	Eng. Co. 16.
".....	".....	.....	25	" 27.
".....	".....	.....	27	Spare.
".....	".....	.....	28	"
".....	".....	.....	13	"
".....	".....	.....	22	"
".....	".....	.....	11	"
".....	Amoskeag Mfg. Co.....	.....	7	Eng. Co. 18.
".....	".....	.....	8	" 49.
".....	".....	.....	9	Spare.
".....	Dept. Repair Shops.....	1866	1	"
".....	Amoskeag Mfg. Co.....	1866	15	"
".....	Dept. Repair Shops.....	1867	2	Eng. Co. 5.
".....	".....	1868	3	Spare.
".....	Amoskeag Mfg. Co.....	1868	4	Eng. Co. 31.
".....	Allerton Mfg. Co.....	1869	5	Spare.
".....	Dept. Repair Shops.....	1871	29	Eng. Co. 12.
".....	".....	1871	30	Spare.
".....	".....	1872	31	Eng. Co. 7.
".....	".....	1872	32	Spare.
".....	".....	1876	36	Eng. Co. 26.
".....	".....	1879	39	Spare.
".....	".....	1880	41	"
".....	".....	1880	40	Eng. Co. 29.
".....	".....	1882	44	Spare.
".....	".....	1883	50	Eng. Co. 13.
".....	".....	1883	53	" 33.
".....	".....	1885	67	Spare.
".....	".....	1886	71	"
Four-wheel hose wagons.....	E. B. Preston & Co.....	1889	1	Eng. Co. 38.
".....	".....	1889	2	H. & L. Co. 19.
".....	Gleason & Bailey Mfg. Co.....	1890	3	Eng. Co. 24.
".....	".....	1890	4	" 4.
".....	".....	1890	5	" 14.
".....	".....	1890	6	" 30.
".....	".....	1890	7	" 13.
".....	".....	1890	8	" 20.
".....	".....	1890	9	" 33.
".....	".....	1890	10	{ (Boat tender) Eng. Co. 19.
".....	Repair Shops.....	1891	11*	Eng. Co. 41.
".....	Gleason & Bailey Mfg. Co.....	1891	12	" 5.
".....	".....	1891	13	" 18.
".....	".....	1891	14	" 1.
".....	".....	1891	15	" 19.
".....	".....	1891	16	" 17.
".....	".....	1891	17	" 16.
".....	".....	1891	18	" 9.

* Formerly a supply wagon, altered at Repair Shops.

STYLE.	MANUFACTURER.	WHEN BUILT OR PLACED IN SERVICE.	REGISTERED NO.	WHERE USED.
Four-wheel hose wagons.....	Gleason & Bailey Mfg. Co.....	1891	19	Eng. Co. 25.
"	"	1892	20	" 12.
"	"	1892	21	" 34.
"	"	1892	22	" 11.
"	"	1892	23	" 32.
"	"	1892	24	" 3.
"	"	1892	25	" 40.
"	"	1892	26	" 55.
"	"	1892	27	" 21.
Four-wheel water-tower.....	A. Greenleaf	1883	2	Spare.
"	Fire Extinguisher Mfg. Co.....	1885	3	H. & L. Co. 21.
"	Kansas City Supply Co.....	1890	4	" 3.
"	"	1892	5	Eng. Co. 7.
Four-wheel water-tank	Dept. Repair Shops	1883	1	Spare.

Classified Description of Hook and Ladder Trucks.

Size.	STYLE.	LONGEST LADDER.	MANUFACTURER.	When Built or Placed in Service.	Department Registered No.	WHERE USED.
1st.	Turn table.....	85 feet extension.	La France Fire Engine Co.	1886	30	Hook and Ladder Co. 3
1st.	"	85 "	"	1886	31	" 12
1st.	"	85 "	"	1887	32	" 16
1st.	"	85 "	"	1891	38	" 7
1st.	"	75 "	"	1888	34	" 14
1st.	Roller frame.....	75 "	Rumsey & Co.....	1892	39	" 1
1st.	"	73 "	Fire Extinguisher Mfg. Co.	1883	24	" 6
1st.	"	73 "	Dept. Repair Shops.....	1872	28	Spare
1st.	"	73 "	"	1879	18	Hook and Ladder Co. 10
1st.	"	73 "	Fire Extinguisher Mfg. Co.	1883	26	" 15
1st.	"	72 "	Dept. Repair Shops.....	1873	15	Spare, 11th Battalion
1st.	"	70 "	"	1869	6	Hook and Ladder Co. 2
1st.	"	70 "	"	1871	10	Spare
1st.	"	70 "	"	1872	11	Hook and Ladder Co. 22
1st.	"	70 "	Fire Extinguisher Mfg. Co.	1883	25	Spare
1st.	"	70 "	Dept. Repair Shops.....	1872	9	"
1st.	"	70 "	"	1872	36	Hook and Ladder Co. 13
1st.	"	70 "	Gleason & Bailey Mfg. Co.	1890	37	" 21
1st.	"	70 "	Rumsey & Co.....	1892	40	" 8
1st.	"	70 "	"	1892	41	" 9
1st.	"	65 "	Dept. Repair Shops.....	1869	7	" 5
1st.	"	65 "	"	1873	14	Spare
1st.	"	65 "	"	1881	19	Hook and Ladder Co. 11
1st.	"	65 "	"	1878	17	" 20
1st.	"	65 "	"	1872	12	" 18
2d.	"	50 "	"	1877	16	" 17
2d.	"	50 "	Fire Extinguisher Mfg. Co.	1883	27	Engine Company 38
2d.	"	50 "	Dept. Repair Shops.....	1882	20	Hook and Ladder Co. 5
2d.	"	50 "	"	1882	22	Engine Company 50
2d.	"	50 "	Fire Extinguisher Mfg. Co.	1885	29	" 52
2d.	"	50 "	"	1882	23	Hook and Ladder Co. 19
2d.	"	50 feet.....	Dept. Repair Shops.....	1882	21	Engine Company 48
3d.	Goose neck.....	40 "	"	1865	4	" 49
3d.	"	40 "	"	1865	3	Spare
3d.	"	40 "	"	1865	2	" Ward's Island
3d.	"	30 "	"	1865	5	"
3d.	"	30 "	"	1865	1	" Randall's Island
	Four-wheel wreck- ing truck.....		Dept. Repair Shops.....	1879	1	"

HORSES.

Number of horses on hand at last report.....	382
Purchased since.....	46
	428
Died.....	9
Sold.....	33
Turned over to Department of Buildings.....	1
	43
Number on hand.....	385
On Probation.	
At last report.....	27
Received.....	149
	176
Accepted.....	46
Rejected.....	109
	155
Remaining on probation.....	21

DEPARTMENT BUILDINGS AND SITES.

New Buildings.

The new house for Engine Company No. 42, reported last year as in course of construction at No. 1192 Fulton avenue, was completed and occupied by that company on May 7.

Three new houses were commenced, one for an engine company upon the site at No. 81 West One Hundred and Fifteenth street (which was acquired in 1891); the second for Engine Company No. 40, at its old location, No. 153 West Sixty-eighth street, and the third on the south side of West One Hundred and Thirty-seventh street, 100 feet east of Seventh avenue, for an engine company. All were still incomplete at the close of the year, Engine Company No. 40 being for the time housed in a temporary building erected by the Department, upon ground leased for the purpose, at No. 232 West Sixty-eighth street.

New Sites.

New sites were obtained by purchase, as follows :
On the south side of One Hundred and Thirty-seventh street, 100 feet east of Seventh avenue.
On the south side of Eastchester street, about 435 feet west of Katonah avenue.
The premises on the north side of One Hundred and Forty-ninth street, 20 feet west of New Trinity avenue (City property), were, upon application to the Sinking Fund Commissioners, assigned to the Department for its uses and purposes.

Alterations and Repairs to Buildings.

Extensive alterations and repairs, under contract, were made to the following buildings :
Water Tower No. 2, Engine Company No. 13, and steam warming and pressure apparatus placed in quarters of Engine Company No. 23.
Other less extensive repairs and alterations were made to the quarters of Engine Companies Nos. 1, 4, 22, 32, 34, 39, 47, 50, 55, 57, and Hook and Ladder Companies Nos. 9, 11, 22, Headquarters, Repair Shops and Hospital Stables.
Ordinary repairs, involving various kinds of mechanical work, were also made to the buildings of the Department, aggregating three hundred and seventy-five different jobs of work.

Buildings and Sites Occupied by or under Control of the Department.

Headquarters—Office of Commissioners, Bureaus—Chief of Department, Inspector of Combustibles and Fire Marshal, and Offices of Attorney, Fire Alarm Telegraph and Medical Officers, and School of Instruction, Nos. 157 and 159 East Sixty-seventh street, with drill yard in rear, extending to Sixty-eighth street.
Night quarters, Chief of Department, No. 15 Great Jones street.
Headquarters, Deputy Chief of Department (First District), No. 155 Mercer street. (Hook and Ladder Company No. 20 in same building, at No. 157 Mercer street.)
Headquarters, Deputy Chief of Department (Second District), No. 165 West Twenty-ninth street. Engine Company No. 1.)
Repair Shops, Nos. 130 and 132 West Third street.
Hospital Stables, Nos. 133 and 135 West Ninety-ninth street.
Bell-tower and lookout, Mount Morris Square.
Lookout, southwest corner of Tenth street and Sixth avenue (Jefferson Market Court-house).
Engine Company No. 1, No. 165 West Twenty-ninth street.
" 2, No. 530 West Forty-third street. (Fuel Depot No. 13.)
" 3, No. 417 West Seventeenth street. (Fuel Depot No. 10.)
" 4, No. 39 Liberty street.
" 5, No. 340 East Fourteenth street.
" 6, No. 100 Cedar street.
" 7, No. 22 Chambers street.†
" 8, No. 165 East Fifty-first street.
" 9, No. 55 East Broadway.
" 10, No. 8 Stone street.
" 11, No. 437 East Houston street.
" 12, No. 261 William street.
" 13, No. 99 Wooster street.
" 14, No. 14 East Eighteenth street.
" 15, No. 269 Henry street.
" 16, No. 223 East Twenty-fifth street.
" 17, No. 91 Ludlow street.
" 18, No. 132 West Tenth street. (Fuel Depot No. 8.)
" 19, No. 355 West Twenty-fifth street. (Fuel Depot No. 11.)
" 20, No. 47 Marion street.
" 21, No. 216 East Fortieth street.
" 22, No. 159 East Eighty-fifth street. (Fuel Depot No. 16.)
" 23, No. 235 West Fifty-eighth street. (Fuel Depot No. 15.)
" 24, No. 78 Morton street. (Fuel Depot No. 7.)
" 25, No. 342 Fifth street.
" 26, No. 220 West Thirty-seventh street.
" 27, No. 173 Franklin street.
" 28, No. 604 East Eleventh street.
" 29, No. 193 Fulton street. (Hook and Ladder Company No. 10 in same building.)
" 30, No. 253 Spring street.* (Fuel Depot No. 6.)
" 31, No. 116 Leonard street.
" 32, No. 108 John street.*
" 33, No. 15 Great Jones street.
" 34, No. 440 West Thirty-third street.
" 35, No. 223 East One Hundred and Nineteenth street.
" 36, No. 1849 Park avenue.
" 37, No. 83 Lawrence street.
" 38, No. 1907 Amsterdam avenue.
" 39, No. 157 East Sixty-seventh street. (Department Headquarters and Hook and Ladder Company No. 16 in same building.)
" 40, No. 153 (temporary quarters, No. 232) West Sixty-eighth street.
" 41, No. 2801 North Third avenue.‡
" 42, No. 1192 Fulton avenue.
" 43 (Fire-boat "William F. Havemeyer"), foot of Grand street, East river.
" 44, No. 221 East Seventy-fifth street.
" 45, No. 1187 Tremont avenue.
" 46, No. 753 Tremont avenue.*
" 47, West One Hundred and Thirteenth street, 75 feet west of Amsterdam avenue.
" 48, No. 2504 Webster avenue.
" 49, Blackwell's Island.
" 50, No. 749 East One Hundred and Sixty-sixth street. (Fuel Depot No. 22.)
" 51 (Fire-boat "Zophar Mills"), between Little Twelfth and Bloomfield streets, North river.
" 52, Riverdale avenue, near junction of Westchester avenue.
" 53, No. 175 East One Hundred and Fourth street. (Fuel Depot No. 18.)
" 54, No. 304 West Forty seventh street.
" 55, No. 173 Elm street.
" 56, No. 120 West Eighty-third street.
" 57 (Fire-boat "The New Yorker"), Castle Garden.
Hook and Ladder Company No. 1, No. 26 Chambers street.†
" 2, No. 126 East Fifth street. (Fuel Depot No. 14.)
" 3, No. 108 East Thirteenth street.
" 4, No. 788 Eighth avenue.
" 5, No. 96 Charles street.
" 6, No. 77 Canal street.
" 7, No. 217 East Twenty-eighth street.
" 8, No. 7 North Moore street.
" 9, No. 209 Elizabeth street.
" 10, No. 191 Fulton street. (Engine Company No. 29 in same building.)
" 11, No. 742 Fifth street.
" 12, No. 243 West Twentieth street.
" 13, No. 159 East Eighty-seventh street.
" 14, No. 120 East One Hundred and Twenty-fifth street.
" 15, Old Slip, between Water and Front streets.
" 16, No. 159 East Sixty-seventh street. (Department Headquarters and Engine Company No. 39 in same building.)
" 17, No. 589 East One Hundred and Forty-third street. (Fuel Depot No. 21.)
" 18, No. 84 Attorney street.
" 19, No. 1183 Ogden avenue.*
" 20, No. 157 Mercer street.
" 21, No. 432 West Thirty-sixth street.
" 22, No. 766 Amsterdam avenue. (Fuel Depot No. 17.)

Fuel Depot No.	1, No. 28 Beaver street. †
"	2, No. 5 Duane street.
"	3, No. 304 Washington street.
"	4, No. 180 Clinton street.
"	5, No. 199 Chrystie street.
"	6 (see Engine Company 30).
"	7 (see Engine Company No. 24).
"	8 (see Engine Company No. 18).
"	9, No. 106 East Thirteenth street.
"	10 (see Engine Company No. 3).
"	11 (see Engine Company No. 19).
"	12, No. 160 East Thirty-third street.
"	13 (see Engine Company No. 2).
"	14 (see Hook and Ladder Company No. 2).
"	15 (see Engine Company No. 23).
"	16 (see Engine Company No. 22).
"	17 (see Hook and Ladder Company No. 22).
"	18 (see Engine Company No. 53).
"	19, No. 209 East One Hundred and Twenty-second street.
"	20, No. 58 Lawrence street.
"	21 (see Hook and Ladder Company No. 17).
"	22 (see Engine Company No. 50).
"	23, No. 155 Mercer street.
Storehouse,	No. 20 Eldridge street.
"	No. 180 Clinton street (Fuel Depot No. 4).
"	No. 199 Chrystie street (Fuel Depot No. 5).
"	No. 1922 Lillian street (formerly Division street, near Boston road).
"	No. 160 East Thirty-third street (Fuel Depot No. 12).

The locations marked thus (*) are leased by the Department; all others are city property. The locations marked thus (†) are only in part occupied by the Department. At the locations marked thus (‡) lots in rear or adjacent are leased by the Department.

RECEIPTS AND DISBURSEMENTS OF THE RELIEF FUND, 1871-1892.

Receipts.

FROM—	1871 TO 1891, INCLUSIVE.	1892.	TOTAL.
Metropolitan Fire Department Relief Fund.....	\$7,349 07	.....	\$7,349 07
Fines.....	27,865 74	2,208 01	30,073 75
Donations.....	10,698 00	525 00	11,223 00
Penalties.....	13,442 60	260 00	13,702 60
Oil licenses.....	701,678 00	41,760 00	743,438 00
Fireworks permits.....	12,860 25	1,435 00	14,295 25
Interest.....	365,367 81	26,966 20	392,334 01
Foreign insurance tax.....	112,635 73	.....	112,635 73
Powder licenses.....	4,695 50	200 00	4,895 50
Special permits.....	11,864 00	1,668 00	13,532 00
Chimney fires.....	7,186 50	605 00	7,791 50
Fire in street permits.....	817 25	8 50	825 75
Sales—Seized Combustibles.....	193 20	.....	193 20
Sales—Sample oils.....	88 41	.....	88 41
Excise licenses.....	484,179 50	78,628 00	562,807 50
Absences without leave.....	1,853 16	.....	1,853 16
Special leaves.....	24,875 24	3,192 19	28,067 43
Sales—Condemned horses, etc.....	12,783 54	2,257 34	15,040 88
New York State Dairy Commission.....	7,000 00	.....	7,000 00
Permits for sale, use, etc., of explosives.....	2,993 00	1,051 00	4,044 00
Totals.....	\$1,810,417 50	\$160,764 24	\$1,971,181 74

Disbursements.

	1871 TO 1891, INCLUSIVE.	1892.	TOTAL.
Premiums on City Bonds.....	\$2,700 00	\$450 00	\$3,150 00
Salaries.....	18,227 31	.....	18,227 31
Expense account.....	13,991 66	.....	13,991 66
Pay of Relieved Men.....	241,562 44	57,701 59	299,264 03
Pensions of Retired Men.....	504,573 92	44,838 28	549,412 20
Pensions of Widows and Orphans.....	353,056 72	43,236 80	396,293 52
Totals.....	\$1,134,112 05	\$146,226 67	\$1,280,338 72

Recapitulation.

Receipts, June 1, 1871, to December 31, 1892.....	\$1,971,181 74
Disbursements, June 1, 1871, to December 31, 1892.....	1,280,338 72
December 31, 1892, Balance on hand.....	\$690,843 02

RECEIPTS AND DISBURSEMENTS OF THE NEW YORK FIRE DEPARTMENT LIFE INSURANCE FUND, 1871 TO 1892.

Receipts.

1871 to 1891, inclusive.....	\$259,865 87
1892.....	22,887 00
	\$282,752 87

Disbursements.

1871 to 1891, inclusive.....	\$256,000 00
1892.....	23,000 00
	279,000 00
December 31, 1892, Balance on hand.....	\$3,752 87

New York Fire Department Life Insurance Fund.

Dec. 31, 1891	Balance on hand.....	\$3,865 87
Dec. 31, 1892	Receipts—	
	For assessments.....	22,887 00
		\$26,752 87
Dec. 31, 1892	Disbursements—	
	To administrator of William H. Wilson.....	\$1,000 00
	To widow of James McLaughlin.....	1,000 00
	“ George Murphy.....	1,000 00
	“ Alexander McNeill.....	1,000 00
	“ John Sullivan.....	1,000 00
	“ Benjamin F. Nash.....	1,000 00
	“ Daniel L. Cain.....	1,000 00
	“ Samuel L. Hunt.....	1,000 00
	To administrator of Annie McManus, widow of John J. McManus.....	1,000 00
	“ Thomas Kehoe.....	1,000 00
	To widow of Dennis J. Leary.....	1,000 00
	To administratrix of William Reed.....	1,000 00
	To widow of Thomas R. Godfrey.....	1,000 00
	To guardian of children of Patrick H. Delaney.....	1,000 00
	To widow of James Stephenson.....	1,000 00
	“ John Kavanagh.....	1,000 00
	To executors of Dewitt C. Baggott.....	1,000 00
	To widow of Adam Messer.....	1,000 00
	“ James Daly.....	1,000 00
	To administrator of Francis Murray.....	1,000 00
	To widow of Cornelius J. Kingsley.....	1,000 00
	To administrator of John J. Ennis.....	1,000 00
	To administratrix of Francis Reilly.....	1,000 00
		23,000 00
Dec. 31, 1892	Balance.....	\$3,752 87

Very respectfully,

J. J. SCANNELL,
ANTH. EICKHOFF,
H. W. GRAY,
Commissioners.

CARL JUSSEN, Secretary.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK, }
NEW YORK, August 9, 1893. }

The Board met, pursuant to adjournment.
Present—Commissioners Charles G. Wilson, Cyrus Edson, M. D., the Health Officer of the Port and the President of the Board of Police.
The minutes of the last meeting were read and approved.

The following Reports were Received from the Sanitary Committee:

- 1st. Weekly report from Willard Parker Hospital. Ordered on file.
2d. Weekly report from Reception Hospital. Ordered on file.
3d. Weekly report from Riverside Hospital (small-pox). Ordered on file.
4th. Weekly report from Riverside Hospital (fevers). Ordered on file.
5th. Report on changes in the Hospital Service.

On motion, it was
Resolved, That the following changes in the Hospital Service be and are hereby approved :

NAMES.	POSITION.	SALARY.	APPOINTED. RESIGNED.	DATE.
Ella Cumberland.....	Nurse.....	\$360 00	Appointed, vice O'Connor, resigned.....	Aug. 5, 1893
John McBride.....	Orderly.....	360 00	Resigned.....	" 7, "
John Finnegan.....	".....	420 00	Appointed, vice McBride, resigned.....	" 8, "
Harry Bassford.....	".....	240 00	" vice Bassford, ".....	" 5, "
Thomas Lynch.....	".....	240 00	" vice Lynch, ".....	" 5, "
Emma Flock.....	Chambermaid.....	144 00	Resigned.....	" 7, "
Jane Riley.....	Helper.....	144 00	".....	July 3, "
Annie Burns.....	".....	144 00	Appointed, vice Riley, discharged.....	" 5, "
Harriet McCord.....	Nurse.....	420 00	Resigned.....	" 31, "
James Ward.....	Orderly.....	360 00	".....	" 31, "
Lizzie Fitzpatrick.....	Assistant Laundress.....	420 00	".....	" 31, "
Harriet McCord.....	Nurse.....	420 00	Appointed, vice Mary Dowling, resigned.....	Aug. 1, "
James Ward.....	Orderly.....	360 00	" vice Richard O'Toole, ".....	" 1, "
Lizzie Fitzpatrick.....	Laundress.....	168 00	" vice Mary Dinna, ".....	" 1, "
Edwin F. Sittler.....	Orderly.....	360 00	Discharged.....	" 4, "

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

NAMES.	AMOUNT.	NAMES.	AMOUNT.
Blake & Williams.....	\$815 22	S. F. Gray.....	\$6 00

Ayes—The President and Commissioners Edson, Jenkins and Martin.

The Attorney and Counsel Presented the following Reports :

- 1st. Weekly report of suits commenced and discontinued, judgments obtained and costs collected :
- | | |
|--|------|
| Orders received for prosecution..... | 283 |
| Attorney's notices issued..... | 421 |
| Nuisances abated before suit..... | 305 |
| Civil suits commenced for other causes..... | 20 |
| Nuisances abated after commencement of suit..... | 78 |
| Suits discontinued—By Board..... | 40 |
| Judgments for the Department—Civil Suits..... | 6 |
| Civil suits now pending..... | 238 |
| Criminal suits now pending..... | 320 |
| Money collected and paid to Auditor—Civil suits..... | \$10 |

2d. 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.
Eagleton, Thomas.....	2044	Ahern, Mary.....	1137
Reade, Robert L.....	2136	Forbush, Mary A.....	1146
Attridge, John F.....	2386	Bergamini, Theresa P.....	1157
Wendel, John G.....	2428	Harrington, John J.....	1167
Eagleton, Thomas.....	2682	Lee, Jim.....	1168
O'Donnell, John A.....	3335	Greacen, Robert A.....	1317
Sweeney, John.....	3500	Jackson, Edwin.....	1323
Warner, Phebe.....	130	Cunningham, Sarah.....	1332
Von Hoffen, Mary.....	166	Keck, Frank.....	1347
Miller, John.....	199	Finlay, Susan.....	1348
Winthrop, Egerton L.....	260	Volzing, Christian.....	1351
Hazel, Mary.....	447	Ecker, Nathan.....	1378
Fish, Hamilton.....	504	Witkowski, Isaac M.....	1383
Frankenthaler, Louis.....	541	Jenkins, Thomas.....	1386
Baker, Abraham.....	548	Volkening, Otto.....	1391
Sullivan, Timothy.....	579	Gallagher, Patrick.....	1399
Young, Thomas S.....	601	Root, Edwin R.....	1408
Rapp, Henry.....	637	Brennan, James M.....	1432
Ketellas, Henry.....	655	Krutina, Frederick.....	1438
Muir, Margaretta.....	669	Eno, Amos R.....	1463
Catterbury, Louis.....	685	O'Neil, Mary.....	1471
McElroy, Daniel.....	713	Taylor, James B.....	1472
Goldsmith, Jonas G.....	720	Kelly, James.....	1488
Lynch, Michael.....	805	Hoffman, Louis.....	1493
Murray, Anna M.....	832	Seraphine, Michael.....	1502
Brandt, Leopold.....	831	Block, David.....	1513
York, Emma.....	868	Golden, Bernard.....	1514
Myers, Louis.....	899	Fine, James.....	1515
Wright, Elizabeth.....	901	King, Rufus.....	1516
Lee, Tim.....	903	Litonow, John.....	1519
Cohen, Samuel.....	919	Berger, Morris.....	1525
Levy, Jefferson.....	942	Mooney, Michael.....	1526
Corrado, Louis.....	943	Jacobs, Louis.....	1529
Huber, Daniel.....	983	Keys, William E.....	1531
Ledman, Samuel.....	1024	Cohen, Pauline.....	1535
Cohen, Solomon.....	1030	Halsey, Edwin.....	1537
Wenzel, John.....	1047	Maas, Charles O.....	1543
Schoener, Joseph.....	1090	Krakauer, Arnold.....	1546
Sink, Eli.....	1092	Kornisky, Solomon.....	1555
Schaffaul, Christian.....	1112	Folsom, Samuel.....	1567
Higgins, Mary.....	1114		

The following Communications were Received from the Sanitary Superintendent :

- 1st. Weekly report of Sanitary Superintendent. Ordered on file.
- 2d. Weekly report of Chief Sanitary Inspector. Ordered on file.
- 3d. Weekly report of work performed by Sanitary Police. Ordered on file.
- 4th. Weekly report on sanitary condition of manure dumps. Ordered on file.
- 5th. Weekly report on sanitary condition of offal and night-soil docks. Ordered on file.
- 6th. Weekly report on sanitary condition of slaughter-houses. Ordered on file.
- 7th. Weekly report of work performed by Chemist and Assistant Chemists. Ordered on file.
- 8th. Weekly report of work performed by Milk, Meat, Fish and Fruit Inspectors. Ordered on file.
- 9th. Weekly report of work performed by Inspector of Offensive Trades. Ordered on file.
- 10th. Monthly report of Charitable Institutions. Ordered on file.
- 11th. Monthly report and conditions of streets and removal of ashes and garbage. Ordered on file.
- 12th. Report in respect to nuisances caused by factory of Schwarstchild & Sulzberger, foot of East Forty-fifth street. Laid on the table.
- 13th. Report on the sanitary condition of the General Post-office Building.
- The Secretary was directed to forward a copy of the report to the postmaster.
- 14th. Report in respect to lying-in asylum at No. 254 West Thirty-fourth street. Referred back to the Sanitary Superintendent.
- 15th. Reports on the vacating of certain premises.
- On motion, it was
- Resolved, That upon the reports and recommendations of the Sanitary Superintendent, the orders for the vacating of the following-named premises be and are hereby revoked :
- No. 498 Eighth avenue.
- No. 2415 Arthur avenue.
- Southwest corner of West One Hundred and Third street and Boulevard.
- No. 630 East Thirteenth street.
- No. 181 Rivington street.
- No. 103 Crosby street.
- No. 46 Delancey street.
- 16th. Reports in respect to premises declared a public nuisance.
- On motion, it was
- Resolved, That the action of the Board in respect to the following-named premises be and is hereby rescinded for the reason that said nuisances have been abated :
- Southwest corner of One Hundred and Third street and Boulevard.
- No. 694 Water street.
- North side of Ninety-first street, west of Amsterdam avenue.
- South side of Ninety-second street, between Amsterdam avenue and Boulevard.
- 17th. Reports and certificates on the sanitary condition of Nos. 1942, 1944 and 1946 Oostdorp avenue :
- On motion, the following preamble and resolution were adopted :
- Whereas, The Sanitary Superintendent has certified to this Board that the buildings situated upon Lots Nos. 1942, 1944 and 1946 Oostdorp avenue have become dangerous to life and unfit for human habitation because of defects in the drainage thereof ;
- Ordered, That all persons in said buildings situated on Lots Nos. 1942, 1944 and 1946 Oostdorp avenue be required to vacate said buildings on or before August 15, 1893, for the reason that said buildings are dangerous to life and unfit for human habitation because of defects in the drainage thereof ; and further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of Charles F. Roberts, M. D., the Sanitary Superintendent ; and further, that said building be not again used as a human habitation without a written permit from this Board.

Reports and Certificates on Overcrowding in the following Tenement-houses :

- On motion, the following preamble and resolution were adopted :
- Whereas, The Sanitary Superintendent has certified to this Board that the following tenement-house in the City of New York is so overcrowded that less than six hundred cubic feet of air-space is afforded to each occupant in the said house,
- It is ordered, That the number of occupants in said tenement-house be and hereby is reduced as follows :

No. OF ORDER.	ON PREMISES.	LOCATION OF ROOM.	OCCUPANT.	REDUCED TO	
				Adults.	Children.
483	No. 316 East One Hundred and Fourth street.....	Third, e. s. f.....	Rocco Joffa.....	3	2

Report son Applications for Permits.

- On motion, it was
- Resolved, That permits be and are hereby granted as follows :

No.	BUSINESS-MATTER OR THING GRANTED.	ON PREMISES AT
1359	To keep one hundred and eighty lodgers.....	No. 262 and 262½ Bowery.
7542	To use smoke-house.....	No. 1555 Third avenue.
7543	To board and care for one infant.....	No. 418 East Fifteenth street.
7544	To board and care for three children.....	No. 1244 Second avenue.
7545	To use thirty-three beds in dormitories.....	No. 141 West Fourth street.
7546	To keep and kill poultry.....	Harlem Market, One Hundred and First to One Hundred and Third streets, First avenue and East river.
7547	To clean and cure hog casings.....	No. 610 West Thirty-ninth street.

- On motion, it was
- Resolved, That permits be and are hereby denied as follows :

No.	BUSINESS-MATTER OR THING DENIED.	ON PREMISES AT
840	To board and care for two children.	No. 444 East Fifteenth street.
841	To board and care for two children.	No. 413 East Sixty-third street.
842	To board and care for one infant.	No. 631 First avenue.

- On motion, it was
- Resolved, That the following permits be and the same are hereby revoked :

No.	BUSINESS-MATTER OR THING REVOKED.	ON PREMISES AT
1330	To keep fifty-four lodgers.....	No. 160 Park Row.
7435	To keep a private lying-in asylum.....	No. 216 East Fifty-third street.

Reports on Applications for Relief from Orders.

- On motion, it was
- Resolved, That the following orders be suspended, extended, modified, rescinded or referred, as follows :

No. OF ORDER.	ON PREMISES AT	TIME EXTENDED TO	REMARKS.
8974	Nos. 39 and 41 Suffolk street.....	Aug. 8, 1893	
10127	No. 98 Division street.....	" 8, "	
10502	West side Arthur avenue, between Pyne street and Kingsbridge road.....	Sept. 1, 1893	For portion of order relating to flagging, provided the yard be graded to a sewer-connected drain.
10850	No. 30 Varick street.....	May 1, 1894	For portion of order relating to cementing the cellar.
14718	No. 67 Amsterdam avenue.....	" 1, "	
15770	No. 62 East Seventy-fifth street.....	Sept. 1, 1893	
15993	No. 102 Columbia street.....	Aug. 8, "	
16177	Nos. 330 and 332 West Fortieth street.....	Sept. 15, "	
16329	No. 529 Hudson street.....	Aug. 15, "	
16476	No. 200 East Eighty-seventh street.....	Oct. 1, "	
16718	No. 95 Ridge street.....	Sept. 1, "	
16861	No. 438 East Eighty-first street.....	Aug. 10, "	
17194	No. 206 West Twenty-sixth street.....	Sept. 1, "	
17372	No. 339 East Sixty-ninth street.....		Rescinded for portion of order relating to wash-tubs and sinks.

- On motion, it was
- Resolved, That the following applications for relief from orders be and are hereby denied :

No. OF ORDER.	ON PREMISES AT	No. OF ORDER.	ON PREMISES AT
11105	No. 96 Columbia street.	16211	Northwest corner One-Hundredth street and West End avenue.
11117	No. 50 Eldridge street.		
15718	Nos. 198 and 200 Fulton street.	17274	No. 226 East Broadway.
16198	No. 134 and 136 Spring street.	17299	No. 1708 Second avenue.
		17664	No. 9 First street.

- On motion, it was
- Resolved, That the following orders be and are hereby revoked for the reasons stated in writing on each order by the Sanitary Superintendent :
- Nos. 1040, 2321, 3351, 4042, 7994, 9256, 10041, 11617, 11546, 12372, 12928, 13799, 14137, 15793, 16266, 16707, 17101, 17263, 17437, 18808, 18871, 21134, 24034, 25352.

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

- 1st. Weekly report of work performed by the Division of Contagious Diseases. Ordered on file.
- 2d. Weekly report of work performed by the Veterinarian. Ordered on file.

The following Communications were Received from the Register of Records :

- 1st. Weekly letters. Ordered on file.
- 2d. Weekly abstract of births. Ordered on file.
- 3d. Weekly abstract of still-births. Ordered on file.
- 4th. Weekly abstract of marriages. Ordered on file.
- 5th. Weekly abstract of deaths from contagious diseases. Ordered on file.
- 6th. Weekly mortuary statement. Ordered on file.
- 7th. Weekly report of work performed by Clerks. Ordered on file.
- 8th. Reports on delayed birth certificates.
- On motion, it was
- Resolved, That the Register of Records be and is hereby directed to record the following delayed birth certificates :

NAMES.	RETURN.	DATE.
1. Mary Weatherly.....	Born.....	Oct. 5, 1892
2. Ellen Teehan.....	".....	" 24, "
3. Mary Rosario.....	".....	" 30, "
4. Thomas Bronson.....	".....	Jan. 4, 1893
5. John Gallagher.....	".....	" 5, "
6. H. Richard Williams.....	".....	" 6, "
7. Albert Eschwin.....	".....	" 7, "
8. Frank Upton.....	".....	" 8, "
9. Ellen Chandler.....	".....	" 9, "
10. C. Joseph Cahill.....	".....	" 11, "
11. Annie Hart.....	".....	" 11, "
12. Kate Rierdon.....	".....	" 12, "
13. Nicholas Ludwig.....	".....	" 18, "
14. Mark Lobel.....	".....	" 18, "
15. Amelia Dockerty.....	".....	" 19, "
16. Michael Dorgan.....	".....	" 22, "
17. Ethel G. McManus.....	".....	" 22, "
18. Albert E. McClellan.....	".....	" 26, "
19. Jennie Harrison.....	".....	Feb. 14, "
20. Nellie C. Rafter.....	".....	" 19, "
21. Emma Zollinger.....	".....	Mar. 7, "
22. Katherine Nolan.....	".....	" 8, "
23. Margaret Clarke.....	".....	" 12, "
24. John T. Scherer.....	".....	" 21, "
25. Anna B. Hensel.....	".....	" 27, "
26. Joseph Doyle.....	".....	" 28, "
27. Jane Mullany.....	".....	Apr. 3, "
28. Henry D. Taylor.....	".....	" 6, "
29. Charles Roth.....	".....	" 16, "
30. Lizzie Clark.....	".....	" 17, "
31. Joseph Alexander.....	".....	" 24, "
32. Mela Meyer.....	".....	" 28, "
33. Lilian M. Hunt.....	".....	May 3, "
34. Mike Rosenberg.....	".....	" 5, "
35. Male child of William and Mary Farrell.....	".....	" 6, "
36. Annie Rosenblum.....	".....	" 7, "
37. Estie Pfaster.....	".....	" 11, "
38. Madeline Sloane.....	".....	" 16, "
39. Bertha Schoneski.....	".....	" 22, "
40. Schuyler B. Patterson.....	".....	" 23, "
41. Hildegard A. Laherty.....	".....	" 26, "
42. Arthur Klinger.....	".....	" 26, "
43. Annie H. Levy.....	".....	" 28, "
44. John Farrell.....	".....	" 29, "
45. Meyer Cutler.....	".....	June 1, "

The following Communications were Received from the Chief Inspector of Bacteriology, Pathology, and Disinfection.

1st. Weekly report of work performed by the Division of Bacteriology, Pathology and Disinfection. Ordered on file.

Miscellaneous Reports, Communications, etc.

The weekly statement of the Comptroller was received and ordered on file.

A copy of resolution of the Board of Estimate and Apportionment in respect to the Departmental Estimate for the year 1894, was received and referred to the President.

A communication from Postmaster Charles W. Dayton acknowledging a receipt of a report in respect to the sanitary condition of the Post-office building was received and ordered on file.

A communication from the Department of Street Improvements, Twenty-third and Twenty-fourth Wards, in reference to the report of Inspector Koen, in respect to swamp-land on the south side of Tremont avenue, beginning one hundred feet east of Southern Boulevard, etc., was received and referred to the Sanitary Superintendent.

A communication from the Department of Street Cleaning in respect to dumps at One Hundred and Twenty-ninth street, was received and ordered on file.

A report from the Chief Clerk of an inspection of articles at Riverside Hospital, that the same were worn out and unfit for use and recommending that they be condemned, was received, and on motion the report was approved.

An eligible list for female stenographer and typewriter was received from the Civil Service Board, and on motion to appoint, the ayes and nays were ordered, and Mrs. S. T. Craig received two votes—the President and Commissioner Edson, and Miss Maud Macauley received two votes—Commissioners Martin and Jenkins; on motion, the election was postponed until the next meeting.

The Secretary was directed to apply for a new eligible list from which an additional female stenographer and typewriter may be appointed for service in the office of the Sanitary Superintendent.

The Board authorized the printing and distribution of circulars relating to open street markets.

On motion, it was

Resolved, That the report and recommendation of Chief Inspector H. M. Biggs, in respect to claim of Stephen T. Gray, amounting to six dollars, for damage to a rug, a mat and the floor at No. 414 East Eighty-sixth street, caused by a pan of burning sulphur slipping to the floor while fumigating the room, be and is hereby approved, and the Secretary is directed to forward a copy of the report to the Comptroller, with the recommendation that the claim be paid.

On motion, it was

Resolved, That the proposal of Cox & Cameron, dated August 8, 1893, to take down and rebuild rear wall of stable No. 128 Worth street where bulged and cracked, and make other necessary repairs, and furnish the material and labor, for the sum of six hundred and sixty dollars, be and is hereby accepted.

On motion, it was

Resolved, That the insurance policy issued by the German-American Insurance Company to James McLaughlin for an amount not exceeding two thousand three hundred and twenty-three dollars on all work done under contract, such as plumbing and gas-fitting to building known as cement-shed near the foot of East Sixteenth street, be and is hereby approved.

On motion, it was

Resolved, That the insurance policy issued by the Phenix Insurance Company to Donovan Bros., for an amount not exceeding three thousand four hundred and fifty dollars on all work done under contract, such as plumbing and gas-fitting to building known as Reception Hospital and Boiler-house foot of East Sixteenth street, be and is hereby approved.

On motion, it was

Resolved, That the proposal of J. W. Craw, dated August 3, 1893, to furnish two No. 3 metallic washers, one 26-inch extractor, with all the necessary shafting, pulleys, hangers, collars, belting, pipe and fittings, etc., and the necessary material and labor at the Hospital on North Brother Island for the sum of nine hundred and forty-six dollars, be and is hereby accepted.

On motion, it was

Resolved, That the Board of Health of the State of New York be and is hereby respectfully requested to take measures to provide such quarantine service at the Canada line as will secure the proper inspection of foreign emigrants entering this State from Canada.

A communication from the St. John's Guild in respect to the use of alcoholics in the care of infants, was received and referred to the Sanitary Committee.

A communication from the State Board of Health of Connecticut in respect to permits for transit of dead bodies through New York was received and ordered on file.

On motion, it was

Resolved, That, under the power conferred by law upon the Health Department, the following additional amendment of the Sanitary Code for the security of life and health be and the same is hereby adopted, and declared to form a portion of the Sanitary Code:

Resolved, That section 155 of the Sanitary Code be and is hereby amended so as to read as follows:

Section 155. That no captain, agent, or person having charge of or attached to any ferry-boat, sailing, or other vessel, nor any person in charge of any car, stage, or other vehicle, or public or private conveyance, shall convey or allow to be conveyed thereon or by any means aforesaid, nor shall any person convey or allow to be carried or conveyed, in any manner, from or in the City of New York, the dead body of any human being, or any part thereof, without a permit therefor from this Department. And the proper coupons for that purpose attached to any such permit, when issued, shall be preserved and returned to this Department, as its regulations may require, by the proper officer or person on each boat or vessel, and by the proper person in charge of any train of cars or vehicle on which any such body may be carried from said city. Provided, however, that the same effect shall be given, under this section, to a transit permit issued by the Health Officer, or Board of Health of the City of Brooklyn, as to a transit permit issued from this Department, when the death of the person named in the permit shall have occurred in the City of Brooklyn, and provided that the same effect shall be given, under this section, to transit permits issued severally by Boards of Health of cities, towns or villages in the State of New York, or by Boards of Health that may be hereafter organized pursuant to chapter 270 of the Laws of 1885 of the State of New York, passed May 12, 1885, being "An Act for the preservation of public health and registration of vital statistics," or when issued by the Health Officer of any such city, town or village, as to a transit permit issued from this Department, when the death of the person named in the permit shall have occurred in the city, town or village from which such permit shall have been issued.

And provided that the same effect shall be given, under this section, to a transit permit issued under the laws of the State of New Jersey, and especially pursuant to provisions of an act of said State, entitled "An Act concerning the registry and returns of marriages, births and deaths," passed April 5, 1878, as to a transit permit issued from this Department; subject, nevertheless, in every case to all the care, precautions and diligence prescribed by the rules and regulations of this Department.

And provided that the same effect shall be given, under this section, to a transit permit issued under the laws of the State of Connecticut, and especially pursuant to provisions of an act of said State, entitled "An Act relating to the registration of births, marriages and deaths," passed January session, 1893, as to a transit permit issued from this Department; subject, nevertheless, in every case to all the care, precautions and diligence prescribed by the rules and regulations of this Department.

On motion, it was

Resolved, That the Secretary be and is hereby authorized and directed to publish section 155 of the Sanitary Code, as amended, once a week for two weeks as required by law.

Work Performed by the Sanitary Bureau for Week ending August 5, 1893.

There were 15,600 inspections made by the Sanitary Inspectors and the Sanitary Police.

There were 484 complaints returned by the Sanitary Inspectors and the Sanitary Police.

There were 472 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, 59 permits.

There were issued to consignees to discharge rags (in bulk under bonds), 3 permits.

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

There were issued to scavengers to empty, clean and disinfect privy-sinks, 52 permits.

Work Performed by the Bureau of Records for Week ending August 5, 1893.

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 1,897,651.	Burial Permits Issued.	Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.	Entered in Register.	Indexed.
Marriages.....	312	146	....	8.58	....	....	....	38	14	....	312
Births.....	1,254	307	....	34.48	....	....	....	11	9	....	951
Deaths.....	829	....	255	22.79	829	18	101	209	177	....	839
Still-births.....	73	7	...	2.01	73	....	3	....	....	....	....

The 829 deaths represent a death-rate of 22.79 against 29.83 for the previous week, and 33.61 for the corresponding week of 1892.

The decrease of 255 deaths was mainly due to a decrease of 8 in the deaths from cerebro-spinal meningitis, of 13 from diphtheria, of 106 from diarrhoeal diseases, of 14 from heart diseases, of 24 from pneumonia, and of 44 from diseases of the digestive organs.

The deaths from diphtheria were most numerous in the Twelfth and Nineteenth Wards, from measles in the Twelfth Ward, and from scarlet fever in the Nineteenth Ward.

Analysis of Croton Water for Friday, August 4, 1893. Sample taken from Hydrant at Bleeker, opposite Mulberry Street.

	RESULTS EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSAND.
Appearance.....	Turbid.....	Turbid.
Color.....	Bright yellow brown.....	Light yellow brown.
Odor (heated to 100° Fahr.).....	Marshy.....	Marshy.
Chlorine in Chlorides.....	0.120.....	0.205.
Equivalent to Sodium Chloride.....	0.197.....	0.338.
Phosphates.....	None.....	None.
Nitrites.....	0.0001.....	0.0002
Nitrogen in Nitrates.....	0.0114.....	0.0196.
Free Ammonia.....	0.0006.....	0.0010.
Albuminoid Ammonia.....	0.0055.....	0.0095.
Hardness equivalent to Carbonate of Lime { Before boiling.....	2.367.....	4.06.
{ After boiling.....	2.367.....	4.06.
Organic and Volatile (loss on ignition).....	1.458.....	2.50.
Mineral matter (non-volatile).....	3.499.....	6.00.
Total solids (by evaporation).....	4.957.....	8.50.

Remarks—Temperature at hydrant, 73° Fahr.

On motion, the Board adjourned.

EMMONS CLARK, Secretary.

METEOROLOGICAL OBSERVATORY

OF THE

**DEPARTMENT OF PUBLIC PARKS,
CENTRAL PARK, NEW YORK.**

Latitude 40° 45' 58" N. Longitude 73° 57' 58" W. Height of Instruments above the Ground, 53 feet; above the Sea, 97 feet.

ABSTRACT OF REGISTERS FROM SELF-RECORDING INSTRUMENTS

For the Week Ending August 19, 1893.

Barometer.

DATE.	7 A.M.	2 P.M.	9 P.M.	MEAN FOR THE DAY.	MAXIMUM.	MINIMUM.
AUGUST.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Time.
Sunday, 13	29.882	29.912	29.990	29.928	30.030	12 P.M.
Monday, 14	30.060	29.986	29.946	29.997	30.060	7 A.M.
Tuesday, 15	29.930	29.842	29.822	29.865	29.934	0 A.M.
Wednesday, 16	29.870	29.800	29.818	29.829	29.870	7 A.M.
Thursday, 17	29.760	29.678	29.646	29.693	29.814	0 A.M.
Friday, 18	29.680	29.674	29.724	29.693	29.738	12 P.M.
Saturday, 19	29.820	29.822	29.860	29.834	29.890	11 P.M.

Mean for the week..... 29.834 inches.
Maximum " at 7 A.M., August 14th..... 30.060 "
Minimum " at 6 P.M., August 17th..... 29.600 "
Range "..... .460 "

Thermometers.

DATE.	7 A.M.	2 P.M.	9 P.M.	MEAN.	MAXIMUM.	MINIMUM.	MAXIMUM.
AUGUST.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	In Sun.
Sunday, 13	69	62	74	59	66	69.6	59.0
Monday, 14	66	51	71	57	67	66.0	55.6
Tuesday, 15	64	57	81	64	71	67	72.0
Wednesday, 16	70	61	82	69	71	66	74.3
Thursday, 17	72	67	77	69	73	71	74.0
Friday, 18	67	62	79	67	72	65	72.6
Saturday, 19	68	63	78	69	70	66	72.0

Mean for the week..... 71.5 degrees.
Maximum for the week, at 4 P.M., 16th..... 85. " at 6 P.M., 17th..... 73. "
Minimum " at 5 A.M., 14th..... 56. " at 5 A.M., 14th..... 50. "
Range "..... 29. "..... 23. "

Wind.

DATE. AUGUST.	DIRECTION.			VELOCITY IN MILES.				FORCE IN POUNDS PER SQUARE FOOT.				
	7 A.M.	2 P.M.	9 P.M.	9 P.M. to 7 A.M.	7 A.M. to 2 P.M.	2 P.M. to 9 P.M.	Distance for the Day.	7 A.M.	2 P.M.	9 P.M.	Max.	Time.
Sunday, 13....	N	NNE	NNE	45	92	57	194	½	2¼	0	7¼	10.50 A.M.
Monday, 14....	N	NNW	W	47	56	5	108	¼	¼	0	2	8.50 A.M.
Tuesday, 15....	WNW	NW	WNW	1	15	22	38	0	0	0	1	2.15 P.M.
Wednesday, 16....	NNE	S	ESE	18	10	64	92	0	0	0	2	6.20 P.M.
Thursday, 17....	SE	SSE	S	47	30	16	93	0	¼	0	¾	0.15 P.M.
Friday, 18....	NW	NW	NNW	11	47	13	71	¼	0	0	1¾	7.40 A.M.
Saturday, 19....	SE	SE	E	17	31	50	98	0	½	¼	1¾	8.10 P.M.

Distance traveled during the week..... 694 miles.
Maximum force "..... 7¼ pounds.

DATE.	Hygrometer.							Clouds.			Rain and Snow. Ozone.						
	FORCE OF VAPOR.				RELATIVE HUMIDITY.			CLEAR, O. OVERCAST, 10.			DEPTH OF RAIN AND SNOW IN INCHES.						
	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Time of Beginning.	Time of Ending.	Duration.	Amount of Water.	Depth of Snow.	O.	W.
Sunday, 13	.462	.300	.316	.359	65	36	49	50	2 Cir.	0	0						5
Monday, 14	.255	.280	.393	.309	49	37	59	48	2 Cir.S.	5 Cir.	10						0
Tuesday, 15	.373	.369	.608	.450	62	35	80	59	3 Cir.	0	0						0
Wednesday, 16	.416	.534	.572	.507	57	49	75	60	0	3 Cir.Cu	5 Cu.						0
Thursday, 17	.595	.601	.731	.642	76	65	90	77	10	10	5 Cu.	9.45 A.M.	11 A.M.	1.15	.03		3
Friday, 18	.489	.501	.524	.505	74	50	67	64	4 Cir.	4 Cu.	0	7.45 P.M.	8.30 P.M.	.45	.20		3
Saturday, 19	.509	.588	.586	.561	74	61	80	72	8 Cu.	4 Cu.	10	6.30 P.M.	12 P.M.	5.30	1.34		8
Total amount of water for the week.....											1.57 inch.						
Duration for the week.....											7 hours, 30 minutes.						

DATE.	7 A.M.	2 P.M.
Sunday, Aug. 13	Mild, pleasant.....	Pleasant, windy.
Monday, " 14	Mild, pleasant.....	Close, hazy.
Tuesday, " 15	Close, hazy.....	Warm, hazy.
Wednesday, " 16	Warm, hazy.....	Sultry, hazy.
Thursday, " 17	Close, hazy.....	Close, overcast.
Friday, " 18	Mild, pleasant.....	Warm, pleasant.
Saturday, " 19	Mild, cloudy.....	Mild, hazy; lightning and thunder 8 P.M. to 12 P.M.

DANIEL DRAPER, PH. D., Director.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as 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.
THOMAS F. GILROY, Mayor. **WILLIS HOLLY**, Secretary and Chief Clerk.

Mayor's Marshal's Office.

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

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.
CHARLES G. F. WAHLE and **EDWARD OWEN**.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 4 P. M.
JAMES C. DUANE, President; **JOHN J. TUCKER**, **FRANCIS M. SCOTT**, **H. W. CANNON**, and the MAYOR, COMPTROLLER and COMMISSIONER OF PUBLIC WORKS; **ex officio**, Commissioners; **J. C. LULLEY**, Secretary; **A. F. TREVLYN**, Chief Engineer; **E. A. WOLFF**, Auditor.

BOARD OF ARMY COMMISSIONERS.

The MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
 Address: **EDWARD P. BARKER**, Stewart Building. 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.
GEORGE B. McCLELLAN, President Board of Aldermen.
MICHAEL F. BLAKE, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS.

No. 31 Chambers street, 9 A. M. to 4 P. M.
MICHAEL T. DALY, Commissioner; **MAURICE F. HOLAHAN**, Deputy Commissioner (Room A).
ROBERT H. CLIFFORD, Chief Clerk (Room 6).
GEORGE W. BIRDSALL, Chief Engineer (Room 9); **JOSEPH RILEY**, Water Register (Rooms 2, 3 and 4); **WM. M. DRAN**, Superintendent of Street Improvements (Room 5); **HORACE LOOMIS**, Engineer in Charge of Sewers (Room 9); **WILLIAM G. BERGEN**, Superintendent of Repairs and Supplies (Room 15); **MAURICE FEATHERSON**, Water Purveyor (Room 1); **STEPHEN McCORMICK**, Superintendent of Lamps and Gas (Room 11); **JOHN L. FLORENCE**, Superintendent of Streets and Roads (Room 12); **MICHAEL F. CUMMINGS**, Superintendent of Incumbrances (Room 16); **NICHOLAS R. O'CONNOR**, Superintendent of Street Openings (Room 14).

DEPARTMENT OF STREET IMPROVEMENTS

Twenty-third and Twenty-fourth Wards.

No. 2622 Third avenue, northeast corner of One Hundred and Forty-first street. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.
LOUIS F. HAFEN, Commissioner; **JACOB SEABOLD**, Deputy Commissioner; **JOSEPH P. HENNESSY**, Secretary.

DEPARTMENT OF BUILDINGS.

No. 220 Fourth avenue, corner of Eighteenth street. 9 A. M. to 4 P. M.
THOMAS J. BRADY, Superintendent.

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; **D. LOWBER SMITH**, Assistant 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.
JOHN F. GOULDSBURY, 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.
OSBORNE MACDANIEL, 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.
JOHN A. SULLIVAN, 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.

DAVID E. AUSTEN, Receiver of Taxes; **JOHN J. McDONOUGH**, 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.

JOSEPH J. O'DONOHUE, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.
JOHN H. TIMMERMAN, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third and fourth floors, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 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.

WILLIAM M. HOES, Public Administrator.

Office of the Corporation Attorney.

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

LOUIS HANNEMAN, Corporation Attorney.

Office of Attorney for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.
JOHN G. H. MEYERS, Attorney.
MICHAEL J. DOUGHERTY, Clerk.

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; **CHAS. E. SIMMONS**, **M. D.**, and **EDWARD C. SHEEHY**, Commissioners; **GEORGE F. BRITTON**, Secretary.

PURCHASING AGENT, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.
 Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. **CHARLES BENX**, General Bookkeeper
Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. **WILLIAM BLAKE**, Superintendent. Entrance on Eleventh street.

POLICE DEPARTMENT

Central Office.

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

JAMES J. MARTIN, President; **CHARLES F. MACLEAN**, **JOHN McCRAVE** and **JOHN C. SHEEHAN**, Commissioners; **WILLIAM H. KIPP**, Chief Clerk; **T. F. RODENBROUGH**, Chief of Bureau of Elections.

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.
JOHN J. SCANNELL, President; **ANTHONY EICKHOFF** and **HENRY WINTHROP GRAY**, Commissioners; **CARL JUSSEN**, Secretary.

HUGH BONNER, Chief of Department; **PETER SEERY**, Inspector of Combustibles; **JAMES MITCHELL**, Fire Marshal; **WM. L. FINDLEY**, Attorney to Department; **J. ELLIOT SMITH**, Superintendent of Fire Alarm Telegraph.
 Central Office open at all hours.

HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES G. WILSON, President, and **CYRUS EDSON**, **M. D.**, the PRESIDENT OF THE POLICE BOARD, *ex officio* and the HEALTH OFFICER OF THE PORT, *ex officio*; Commissioners; **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.
ABRAHAM B. TAPPEN, President; **PAUL DANA**, **NATHAN STRAUS** and **GEORGE C. CLAUSEN**, Commissioners; **CHARLES DE F. BURNS**, Secretary.

DEPARTMENT OF TAXES AND ASSESSMENTS

Stewart Building, 9 A. M. to 4 P. M. Saturdays, 12 M.
EDWARD P. BARKER, President; **JOHN WHALEN** and **JOSEPH BLUMENFELD**, Commissioners; **FLOYD T. SMITH**, Secretary.

DEPARTMENT OF DOCKS.

Battery, Pier A, North river.
J. SERGEANT CRAM, President; **JAMES J. PHELAN** and **ANDREW J. WHITE**, Commissioners; **AUGUSTUS T. DOCHARTY**, Secretary.
 Office hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF STREET CLEANING
 Stewart Building. Office hours, 9 A. M. to 4 P. M.
WILLIAM S. ANDREWS, Commissioner; **JOHN J. RYAN**, Deputy Commissioner; **T. JOSEPH SCULLY**, Chief Clerk.

BOARD OF ESTIMATE AND APPORTIONMENT

The MAYOR, Chairman; **E. P. BARKER** (President; Department of Taxes and Assessments), Secretary, the COMPTROLLER, PRESIDENT OF THE BOARD OF ALDERMEN and the COUNSEL TO THE CORPORATION, Members; **CHARLES V. ADEE**, Clerk
 Office of Clerk, Department of Taxes and Assessments, Stewart Building.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.
JAMES THOMSON, Chairman; **DANIEL P. HAYS** and **LEWIS SKIDMORE**, Members of the Supervisory Board; **LEE PHILLIPS**, Secretary and Executive Officer.

BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.
EDWARD GILON, Chairman; **EDWARD CAHILL**, **CHARLES E. WENDT** and **PATRICK M. HAVERTY**; **WM. H. JASPER**, Secretary.

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.
LEICESTER HOLME, **WILLIAM DALTON**, and **MICHAEL C. MURPHY**, Commissioners; **JAMES F. BISHOP**, Secretary.

OVER AND TERMINER COURT

New County Court-house, second floor, southeast corner Room No. 12. Court opens at 10 o'clock A. M.
JOHN F. CARROLL, Clerk. Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, to A. M. till 4 P. M.

COURT OF GENERAL SESSIONS

No. 32 Chambers street. Court open at 11 o'clock A. M. adjourns 4 P. M.
FREDERICK SMYTH, Recorder; **RANDOLPH B. MARTINE**, **JAMES FITZGERALD** and **REFUS E. COWING**, Judges.
JOHN F. CARROLL, Clerk. Office, Room No. 11, to A. M. till 4 P. M.

FINANCE DEPARTMENT.

NOTICE OF ASSESSMENT FOR OPENING STREETS AND AVENUES.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," as amended, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court of the assessment for opening and acquiring title to the following street, to wit:

TWELFTH WARD.

One Hundred and Twenty-first street, between the Boulevard and Amsterdam avenue. Confirmed August 11, 1893.

Assessment on north half block 1162 and south half block 1163.
 The above-entitled assessment was entered on the 17th day of August, 1893, in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents." Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon as provided in section 916 of the "New York City Consolidation Act of 1882."

Section 917 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 31, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before October 17, 1893, will be exempt from interest as above provided and after that date will be charged interest at the rate of seven per cent. per annum from the above date of entry of the assessment in the Record of Titles of Assessments in said Bureau to the date of payment, as provided by law.

THEO. W. MYERS,

Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,

CONTROLLER'S OFFICE, August 21, 1893.

COMMISSIONER OF STREET IMPROVEMENTS OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS.

OFFICE OF THE COMMISSIONER OF STREET IMPROVEMENTS OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS, New York, August 8, 1893.

NOTICE IS HEREBY GIVEN THAT THE Commissioner of Street Improvements of the City of New York will, at his office, No. 2622 Third avenue, in said city, on Saturday, the 26th of August, 1893, at 10 o'clock A. M., hear and consider all statements, objections and evidence that may be then and there offered in reference to the contemplated plan of drainage in the Twenty-third and Twenty-fourth Wards, in pursuance of the provisions of chapter 545 of the Laws of 1890, the general character and extent of the contemplated plans being as follows:

1st. Plan of drainage for Sewerage District 33Z, showing branches a d receiving basins for Webster avenue, from Kingsbridge road to Mosholu Parkway.

2d. Plan of drainage for Sewerage District 31K, showing location of receiving basins in East One Hundred and Forty-fourth street at Rider avenue and at Spencer place.

3d. Plan of drainage for Sewerage District 38A, showing sewer in Union street, from a point east of Bremer avenue to Ogden avenue and in intersecting avenues.

4th. Plan of drainage for Sewerage District 32D, showing sewer in Lowell street and in Morris avenue, between East One Hundred and Fortieth and East One Hundred and Forty-second streets.

5th. Plan of drainage for Sewerage District 34C, showing sewer in Robbins avenue, from Dater street to East One Hundred and Forty-ninth street.

6th. Plan of drainage for Sewerage District 33AA, showing sewer in Boston avenue, from summit north of East One Hundred and Sixty-eighth street to East One Hundred and Sixty-seventh street and branches in East One Hundred and Sixty-seventh street and East One Hundred and Sixty-eighth street.

7th. Plan of drainage for Sewerage District 35C, showing outlet sewer for the Leggett's creek watershed in Longwood avenue, from the Southern Boulevard to Tiffany street, and in Tiffany street, from Longwood avenue to the East river.

8th. Plan of drainage for Sewerage District 37C, showing the sewerage system of avenues and streets in

High Bridge which drain easterly and southerly into Jerome avenue sewer, south of Orchard street.
 Maps or plans showing the contemplated changes are now on exhibition in said office.

LOUIS F. HAFEN,

Commissioner of Street Improvements of the

Twenty-third and Twenty-fourth Wards.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
 No. 300 MULBERRY STREET.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR SUPPLYING THE Police Department with Stationery and Printing for election purposes will be received at the Central Office of the Department of Police in the City of New York, until twelve o'clock M. of Tuesday, the 12th day of September, 1893.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimate for Furnishing Stationery and Printing" and with his or her 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 estimates received will be publicly opened by the head of said Department and read, and the award of the contract made to the lowest bidder with adequate security, as soon thereafter as practicable.

For particulars as to the quantity and kind of Stationery and Printing required, reference must be made to the specifications, blank forms of which may be obtained at the office of the Chief Clerk in the Central Department.

Bidders will state a price for the work and material furnished in accordance with the specifications. The price must be written in the bid and stated in figures. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interests.

No estimates will be accepted from, or a 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 entire quantity of Stationery and Printing is to be put up in boxes and delivered at such times and places, and in such quantities in each place, as shall be directed by the Chief of the Bureau of Elections.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law, in the sum of TWO THOUSAND FIVE HUNDRED DOLLARS.

Each 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 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, upon its being so awarded, become bound as his sureties for his 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 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 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 and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety and 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 will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

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, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, 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.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
NO. 300 MULBERRY STREET,
NEW YORK, 1893.

OWNERS WANTED BY THE PROPERTY
Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.
JOHN F. HARRIOT,
Property Clerk.

FORT WASHINGTON RIDGE ROAD COMMISSION.

FORT WASHINGTON RIDGE ROAD COMMISSION,
ROOM 76, NO. 115 BROADWAY,
NEW YORK, July 20, 1893.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES FOR REGULATING AND GRADING FORT WASHINGTON RIDGE ROAD, FROM ELEVENTH AVENUE BOULEVARD AND ONE HUNDRED AND FIFTY-NINTH STREET TO KINGSBRIDGE ROAD.

In pursuance to chapter 114, Laws of 1892.

SEALED ESTIMATES FOR THE ABOVE work, indorsed with the above title, also with the name of the person or persons making the same, and the date of presentation, will be received at the office of the Commissioners of the Fort Washington Ridge Road, until 12 o'clock M., of September 11, 1893, at which place and hour the estimate will be publicly opened by the Commissioners and read, and the award of the contract, if awarded, will be made to the lowest bidder, with adequate security, as soon thereafter as practicable. The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and thereupon the work will be readvertised and relet, and so on until the contract be accepted and executed. The work to commence at such time as the Commissioners of the Fort Washington Ridge Road may designate.

Bidders are required to state in their estimates under oath, 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 any bid or estimate for the same 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, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party making the same, 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 parties interested.

N. B.—The price must be written in the bid and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are called herein. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the Commissioners of the Fort Washington Ridge Road to reject any or all bids which they may deem prejudicial to the public interests. No bid 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 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 his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation of the City of New York any difference between the sum to which he would be entitled on its completion and that which the said Corporation may be obliged to pay to the person 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 the contract, and stated in these proposals, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; that he has offered himself as a surety in good faith and with an intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be determined by the Comptroller of the City of New York.

The successful bidder will be strictly held to the time bid for the completion of the work and to the conditions of the Specifications.

The Surveyor's estimate of the nature and extent of the work to be done and materials to be furnished is as follows:

7,077 cubic yards of earth excavation.
8,000 cubic yards of rock excavation.
3,000 cubic yards of embankment to furnish.
1,472 cubic yards of dry masonry.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimate upon the following express conditions, which shall apply to and become part of every estimate received.

1st. Bidders must satisfy themselves, by personal examination of the location of the proposed work and by such other means as they may choose, as to the accuracy of the foregoing estimate, and shall not, at any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the depth of the excavation to be made, or the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Commissioners and in substantial accordance with the specifications hereto annexed and the plans therein referred to. No extra compensation, beyond the amount payable for the several classes of work before enumerated which shall be actually performed, at the prices therefor to be specified by the lowest bidder, shall be due or payable for the entire work.

No 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 one thousand dollars. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the Chairman of the Commission, and no estimate can be received until such check or money has been examined by said Chairman 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 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.

Bidders will state in their estimates the PRICE for excavating earth, per cubic yard; the price for excavating rock, per cubic yard; the price for embankment, per cubic yard; the price for dry masonry, per cubic yard; they will also state the time required for the completion of the whole work, which will be tested at the rate of THREE DOLLARS AND FIFTY CENTS per day; it being understood that the time so bid refers to the aggregate time of such Inspectors as may be appointed upon the work, on days specified as working days, according to the terms of the annexed agreement, and not to single consecutive days; and that the damages specified in the contract will be exacted for each and every day that the said aggregate time of the Inspectors who may be employed on the work may exceed the time stipulated for the completion of the whole work.

The following allowance will be made to the Contractor for Inspectors' time where the amount of work returned on the completion of the contract exceeds the amount estimated in the specifications; one day for every 25 cubic yards of Rock Excavation over and above the amount estimated; one day for every 50 cubic yards of Earth Excavation over and above the amount estimated.

Bidders are required to write out the amount of their bids, in addition to inserting the same in figures.

Bidders are particularly cautioned that a provision in the contract authorizes the sum of TWENTY-FIVE CENTS per linear foot of the work done under this agreement to be retained out of the contract moneys, as security for keeping the whole work, when completed, in good order for a period of six months from the date of its acceptance by the Commissioners of the Fort Washington Ridge Road, which shall be finally accepted upon the completion of the work, not including in the computation of the said period the months of December, January, February and March.

N. B.—Boulders, blasted rock or broken stone will not be allowed for as rock, but must be included in the earth excavated, unless they are of a size to require blasting in order to be removed, which fact will be determined by the Engineer. No soft or disintegrated rock that can be properly removed with a pick will be allowed for as rock.

The amount of SECURITY required for the faithful performance of the contract for the above work will be \$5,000.

The Contractor to notify the Commissioners of the Fort Washington Ridge Road, and the Surveyor, in writing, before commencing the work.

Work or materials not specified and for which a price is not fixed in the contract, will not be allowed for.

Bidders are informed that no deviation from the specifications will be allowed, unless a written permission shall have been previously obtained from this Commission.

Blank forms of estimates and further information it required can be had on application at this office.

The form of agreement, including the specifications, is annexed.

ROBT. E. DEYO, Chairman,
ROBT. L. WENSLEY,
EDWD. B. IVES, Secretary,

Commissioners of the Fort Washington Ridge Road.

BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN THAT THE Board of Street Opening and Improvement of the City of New York, deeming it for the public interest so to do, propose to alter the map or plan of the City of New York by closing and discontinuing that part of One Hundred and Fifty-seventh street, from Avenue St. Nicholas to Edgecombe road, in the Twelfth Ward of the City of New York, more particularly bounded and described as follows:

Beginning at a point in the easterly line of Avenue St. Nicholas distant 465.38 feet northerly from the northerly line of One Hundred and Fifty-fifth street; thence easterly and parallel with said street and distant 549.67 feet northerly therefrom, distance 278.24 feet, to the westerly line of the Edgecombe road; thence northerly along said westerly line, in a curved line to the left, radius 200 feet, distance 76.19 feet; thence, still along said line northerly and tangent to the last-mentioned curve, distance 13.55 feet; thence westerly and parallel to One Hundred and Fifty-fifth street, distance 260.08 feet, to the easterly line of Avenue St. Nicholas; thence southerly along said line, distance 82.98 feet, to the point or place of beginning.

Resolved, That notice be given that such proposed closing as aforesaid will be considered by this Board at a meeting of this Board, to be held at the Mayor's office on September 15, 1893, at 11 o'clock A. M.

And that such proposed action of the said Board of Street Opening and Improvement has been duly laid before the Board of Aldermen.

Dated NEW YORK, August 23, 1893.

V. B. LIVINGSTON,
Secretary.

NOTICE IS HEREBY GIVEN THAT THE Board of Street Opening and Improvement of the City of New York, deeming it for the public interest so to do, propose to alter the map or plan of the City of New York, by closing and discontinuing Edgecombe road, from the northerly line of One Hundred and Fifty-fifth street to the northerly line of One Hundred and Seventy-fifth street, in the Twelfth Ward of the City of New York, more particularly bounded and described as follows:

Beginning at a point in the northerly line of One Hundred and Fifty-fifth street distant 725.28 feet easterly from the easterly line of Tenth avenue; thence northerly in a straight line, at an angle of 59 degrees 50 minutes and 5 seconds with said northerly line of One Hundred and Fifty-fifth street, distance 127.51 feet; thence in a curved line to the right, radius 248.70 feet, distance 226.16 feet; thence in a reversed curved line to the left, radius 200 feet, distance 200.03 feet; thence northerly and tangent thereto, distance 134.91 feet; thence in a curved line to the right, radius 355 feet, distance 299.28 feet; thence northeasterly and tangent thereto, distance 500.05 feet; thence in a curved line to the left, radius 400 feet, distance 158.95 feet; thence northerly and tangent thereto, distance 1,217.76 feet; thence in a curved line to the right, radius 900 feet, distance 478.89 feet; thence in a reversed curved line to the left, radius 400 feet, distance 494.04 feet; thence northeasterly and tangent thereto, distance 295.77 feet; thence westerly and parallel with One Hundred and Fifty-fifth street, distance 96.76 feet, to the easterly line of Tenth avenue; thence northerly and along said easterly line of Tenth avenue to the northerly line of One Hundred and Seventy-fifth street extended, distance 1,409.17 feet; thence easterly and along the northerly line of One Hundred and Seventy-fifth street extended, distance 10 feet; thence southerly and parallel with the easterly line of Tenth avenue and 10 feet easterly therefrom, distance 1,159.58 feet; thence in a curved line to the left, radius 100 feet, distance 87.46 feet; thence southeasterly and tangent thereto, distance 445.66 feet; thence in a curved line to the right, radius 500 feet, distance 617.56 feet; thence in a reversed curved line to the left, radius 800 feet, distance 425.68 feet; thence southerly and tangent thereto, distance 1,217.76 feet; thence in a curved line to the right, radius 500 feet, distance 198.69 feet; thence southwesterly and tangent thereto, distance 500.06 feet; thence in a curved line to the left, radius 255 feet, distance 214.98 feet; thence southerly and tangent thereto, distance 134.91 feet; thence in a curved line to the right, radius 300 feet, distance 300.05 feet; thence in a reversed curved line to the

left, radius 148.70 feet, distance 135.22 feet; thence southerly and tangent thereto, distance 154.95 feet; thence in a curved line to the right, radius 550 feet, distance 30.22 feet, to the northerly line of One Hundred and Fifty-fifth street; thence westerly and along said northerly line of One Hundred and Fifty-fifth street, distance 114.70 feet, to the point or place of beginning.

Resolved, That notice be given that such proposed closing as aforesaid will be considered by this Board at a meeting of this Board to be held at the Mayor's office on September 15, 1893, at 11 o'clock A. M.

And that such proposed action of the said Board of Street Opening and Improvement has been duly laid before the Board of Aldermen.

Dated NEW YORK, August 23, 1893.

V. B. LIVINGSTON,
Secretary.

NOTICE IS HEREBY GIVEN THAT THE Board of Street Opening and Improvement of the City of New York, deeming it for the public interest so to do, propose to alter the map or plan of the City of New York by laying out, opening and extending a street of the first class to be known as Edgecombe road, from One Hundred and Fifty-fifth street to a point in the easterly line of Tenth avenue, opposite One Hundred and Seventy-fifth street.

Also for the extension of the following streets of the first class, viz.:

One Hundred and Fifty-ninth street, One Hundred and Sixtieth street, One Hundred and Sixty-second street, One Hundred and Sixty-third street, One Hundred and Sixty-fourth street, One Hundred and Sixty-fifth street, One Hundred and Sixty-sixth street, One Hundred and Sixty-seventh street, and Jumel place, from their present terminus easterly, to the westerly line of Edgecombe road, in the Twelfth Ward of the city, all of which are more particularly described as follows:

EDGECOMBE ROAD.

Beginning at a point in the northerly line of One Hundred and Fifty-fifth street distant 707.47 feet from the easterly line of Amsterdam avenue; thence northerly and at an angle of 59 degrees 50 minutes and 12 seconds from the northerly line of One Hundred and Fifty-fifth street, distance 259.60 feet; thence in a curve to the right, radius 388.54 feet, distance 204.55 feet; thence northerly and tangent to last-mentioned curve and parallel with Amsterdam avenue and distant 524.42 feet easterly therefrom, distance 248.62 feet; thence in a curve line to the left, radius 230.06 feet, distance 68.53 feet; thence in a reversed curved line to the right, radius 335 feet, distance 175.41 feet; thence northeasterly and tangent, distance 500.05 feet; thence curving to the left, radius 291.81 feet, distance 115.96 feet; thence northerly and tangent, distance 1,207.37 feet; thence curving to the right, radius 890 feet, distance 473.55 feet; thence in a reversed curve to the left, radius 410 feet, distance 506.39 feet; thence northwesterly and tangent, distance 283.82 feet to the southerly line of One Hundred and Seventieth street, extended; thence westerly along said line, distance 112.36 feet, to the easterly line of Amsterdam avenue; thence northerly along said line, distance 1,409.17 feet, to the northerly line of One Hundred and Seventy-fifth street, extended easterly; thence easterly along said northerly line, extended, distance 10 feet; thence southerly and parallel to Amsterdam avenue, distance 1,159.58 feet; thence in a curved line to the left, radius 127.89 feet, distance 111.82 feet; thence southeasterly and tangent, distance 424.26 feet; thence in a curve to the right, radius 490 feet, distance 605.20 feet; thence in a reversed curve to the left, radius 810 feet, distance 431 feet; thence southerly and tangent, distance 1,276.37 feet; thence in a curve to the right, radius 351.81 feet, distance 147.75 feet; thence southwesterly and tangent, distance 500.05 feet; thence in a curve to the left, radius 255 feet, distance 133.53 feet; thence in a reversed curve to the right, radius 310.06 feet, distance 92.36 feet; thence southerly and tangent and parallel with Amsterdam avenue, distance 248.62 feet; thence in a curved line to the left, radius 308.54 feet, distance 162.43 feet; thence southerly and tangent and parallel to the first course mentioned in this description, distance 283.87 feet, to the westerly line of the Harlem River Drive-way; thence southerly along said Driveway, distance 20.18 feet to the northerly line of One Hundred and Fifty-fifth street; thence westerly along said line, distance 87.52 feet, to the point or place of beginning.

Said road to be 80 feet wide from its southerly connection with the Harlem River Driveway and One Hundred and Fifty-fifth street to Tenth avenue; thence 10 feet wide to One Hundred and Seventy-fifth street.

ONE HUNDRED AND FIFTY-NINTH STREET.

Also, beginning at a point in the southerly line of One Hundred and Fifty-ninth street, distant 250.69 feet easterly from Avenue St. Nicholas; thence easterly on the southerly line extended, distance 20.52 feet, to the westerly line of Edgecombe road; thence northerly along said line, distance 82.08 feet; thence westerly, 20.52 feet, to a point on the northerly line of said One Hundred and Fifty-ninth street, distant 284.02 feet easterly from Avenue St. Nicholas; thence southerly, distance 82.08 feet, to the point or place of beginning.

ONE HUNDRED AND SIXTIETH STREET.

Also, beginning at a point in the southerly line of One Hundred and Sixtieth street distant 367.32 feet easterly from the easterly line of Avenue St. Nicholas; thence easterly on the southerly line extended, distance 20.52 feet, to the westerly line of Edgecombe road; thence northerly along said line, distance 61.56 feet; thence westerly, distance 20.52 feet; thence southerly, distance 61.56 feet, to the southerly line of One Hundred and Sixtieth street, the point or place of beginning.

ONE HUNDRED AND SIXTY-SECOND STREET.

Also, beginning at a point in the southerly line of One Hundred and Sixty-second street distant 158.59 feet easterly from the easterly line of Jumel Terrace; thence easterly on the southerly line extended, distance 10.15 feet, to the westerly line of Edgecombe road; thence northerly along said line distance 81.19 feet; thence westerly, distance 10.15 feet; thence southerly, distance 81.19 feet, to the point or place of beginning.

ONE HUNDRED AND SIXTY-THIRD STREET.

Also, beginning at a point in the southerly line of One Hundred and Sixty-third street distant 532.89 feet easterly from the easterly line of Amsterdam avenue; thence easterly on the southerly line extended, distance 10.15 feet, to the westerly line of Edgecombe road; thence northerly along said line, distance 81.19 feet; thence westerly, distance 10.15 feet; thence southerly, distance 81.19 feet, to the point or place of beginning.

ONE HUNDRED AND SIXTY-FOURTH STREET.

Also, beginning at a point in the southerly line of One Hundred and Sixty-fourth street distant 480.05 feet easterly from the easterly line of Amsterdam avenue; thence easterly on the southerly line extended, distance 10.15 feet, to the westerly line of Edgecombe road; thence northerly along said line, distance 81.19 feet; thence westerly, distance 10.15 feet; thence southerly, distance 81.19 feet, to the point or place of beginning.

ONE HUNDRED AND SIXTY-FIFTH STREET.

Also, beginning at a point in the southerly line of One Hundred and Sixty-fifth street distant 433.99 feet easterly from the easterly line of Amsterdam avenue; thence easterly on the southerly line extended, distance 10.15 feet, to the westerly line of Edgecombe road; thence northerly along said line, distance 81.19 feet; thence westerly, distance 10.15 feet; thence southerly, distance 81.19 feet, to the point or place of beginning.

ONE HUNDRED AND SIXTY-SIXTH STREET.

Also, beginning at a point in the southerly line of One Hundred and Sixty-sixth street distant 390.18 feet easterly from the easterly line of Amsterdam avenue; thence easterly along said line extended, distance 10.16 feet, to the westerly line of Edgecombe road; thence northeasterly along said line, and in a curve to the right, radius 890 feet, distance 60.20 feet; thence westerly, distance 10.16 feet; thence southwesterly, in a

curve to the left, radius 900 feet, distance 60.19 feet, to the point or place of beginning.

ONE HUNDRED AND SIXTY-SEVENTH STREET.

Also beginning at a point in the southerly line of One Hundred and Sixty-seventh street distant 457.76 feet southeasterly from the easterly line of Amsterdam avenue; thence southeasterly along said line extended, distance 11.93 feet to the westerly line of Edgecombe road; thence curving to the right, radius 890 feet, distance 92.62 feet; thence northwesterly, distance 11.90 feet; thence southerly and curving to the left, radius 900 feet, distance 92.61 feet to the point or place of beginning.

JUMEL PLACE.

Also beginning at a point in the easterly line of Jumel place distant 643.96 feet northerly from the northeasterly line of One Hundred and Sixty-seventh street; thence northerly along said line extended, distance 13.03 feet to the westerly line of Edgecombe road; thence northerly along said line distance 78.20 feet; thence southerly, distance 13.03 feet; thence southerly, distance 78.20 feet to the point or place of beginning.

The said One Hundred and Fifty-ninth, One Hundred and Sixtieth, One Hundred and Sixty-second, One Hundred and Sixty-third, One Hundred and Sixty-fourth, One Hundred and Sixty-fifth, One Hundred and Sixty-sixth, One Hundred and Sixty-seventh street and Jumel place are extended from their present termini to the new line of Edgecombe road.

And that such proposed action of the said Board of Street Opening and Improvement has been duly laid before the Board of Aldermen.

Dated NEW YORK, August 23, 1893.

V. B. LIVINGSTON,
Secretary.

NOTICE IS HEREBY GIVEN THAT THE Board of Street Opening and Improvement of the City of New York, deeming it for the public interest so to do, propose to alter the map or plan of the City of New York, by laying out, opening, extending and widening Elm street, from City Hall place near Chambers street to Great Jones street, opposite Lafayette place, with grades fixed and established for said street and for connecting streets, more particularly described as follows:

Beginning at a point in the southerly line of Great Jones street distant 278 71-100 feet easterly from the easterly line of Broadway; thence southerly through the block, distance 201 feet, to the northerly line of Bond street at a point distant 295 43-100 feet easterly from Broadway; thence easterly along the northerly line of Bond street, distance 80 29-100 feet; thence northerly and parallel to last-mentioned course, distance 201 feet, to the southerly line of Great Jones street; thence westerly along said line, distance 80 29-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Bond street distant 301 26-100 feet easterly from the easterly line of Broadway; thence southerly, distance 330 23-100 feet, to the northerly line of Bleeker street at a point distant 315 29-100 feet easterly from the easterly line of Broadway; thence easterly along said northerly line, distance 80 16-100 feet; thence northerly and parallel to the first course mentioned, distance 230 23-100 feet, to the southerly line of Bond street; thence westerly along said line, distance 80 16-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Bleeker street distant 72 12-100 feet easterly from the easterly line of Crosby street; thence southerly, distance 344 80-100 feet, to the northerly line of East Houston street at a point distant 80 22-100 feet easterly from the easterly line of Crosby street; thence easterly along said northerly line, distance 80 51-100 feet; thence northerly and parallel to the first course mentioned, distance 333 56-100 feet, to the westerly line of Mulberry street at its intersection with Bleeker street; thence westerly along the southerly line of Bleeker street, distance 80 4-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of East Houston street distant 81 43-100 feet easterly from the easterly line of Crosby street; thence southerly, distance 213 71-100 feet, to a point in the northerly line of Jersey street distant 84 22-100 feet easterly from the easterly line of Crosby street; thence easterly, along the northerly line of Jersey street, distance 80 40-100 feet; thence northerly and parallel to the first course mentioned, distance 232 39-100 feet, to the southerly line of East Houston street; thence westerly along said line, distance 80 51-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Jersey street distant 84 27-100 feet from the easterly line of Crosby street; thence southerly, distance 64 43-100 feet, to a point the intersection of the northerly and westerly lines of Marion street, said point being distant northerly, as measured along the said westerly line of Marion street, 214 61-100 feet from Prince street; thence easterly along the northerly line of Marion street from said point, distance 49 85-100 feet, to the easterly line of Marion street; thence southerly along said easterly line, distance 206 6-100 feet, to the northerly line of Prince street; thence easterly along said line, distance 30 48-100 feet; thence northerly and parallel to the westerly line of Marion street, distance 266 62-100 feet, to the southerly line of Jersey street; thence westerly along said line, distance 80 45-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Prince street distant 183 35-100 feet westerly from the westerly line of Mulberry street; thence westerly along said southerly line of Prince street, distance 1955-100 feet, to the easterly line of Marion street; thence southerly along said line, distance 72 83-100 feet; thence northerly, distance 71 46-100 feet, to the southerly line of Prince street, the point or place of beginning.

Beginning at a point in the southerly line of Prince street distant 85 70-100 feet easterly from the easterly line of Crosby street; thence southerly and in the direction of the westerly line of Marion street, north of Prince street extended southerly, distance 77 13-100 feet, until it meets a line parallel to and distant 80 feet westerly from the easterly line of Marion street, between Prince and Spring streets; thence southerly along said parallel line, distance 409 16-100 feet, to a point in the northerly line of Spring street distant 199 31-100 feet easterly from the easterly line of Crosby street; thence easterly along the northerly line of Spring street, distance 1 62-100 feet, to the westerly line of Marion street; thence northerly along said westerly line, distance 100 22-100 feet; thence still along said westerly line, distance 22 15-100 feet; thence still along said line, distance 30 38-100 feet; thence along said westerly line, distance 332 23-100 feet, to the southerly line of Prince street; thence westerly along said line of Prince street, distance 10 49-100 feet, to the point or place of beginning.

Beginning at a point in the northerly line of Broome street distant 100 61-100 feet westerly from the westerly line of Marion street; thence northerly, distance 354 55-100 feet, to the westerly line of Marion street; thence northerly along said line, distance 93 06-100 feet; thence westerly, distance 4 50-100 feet, to the easterly line of Elm street; thence southerly along said line, distance 445 60-100 feet, to the northerly line of Broome street; thence easterly along said line, distance 29 86-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Broome street distant 103 26-100 feet westerly from the westerly line of Centre street; thence southerly, distance 374 23-100 feet, to a point in the northerly line of Grand street distant 97 50-100 feet westerly from the westerly line of Centre street; thence westerly along said line, distance 30 04-100 feet, to the easterly line of Elm street; thence northerly along said line, distance 373 12-100 feet, to the southerly line of Broome street; thence easterly along said line, distance 30 12-100 feet, to the point or place of beginning.

Beginning at a point in the northerly line of Howard street distant 117 73-100 feet westerly from the westerly line of Centre street; thence northerly, distance 318 24-100 feet, to a point in the southerly line of Grand street distant 99 14-100 feet from the westerly line of Centre street; thence westerly along said line, distance 29 23-100 feet, to the easterly line of Elm street; thence

southerly along the easterly line of Elm street, distance 48 25-100 feet; thence still along said line and in a southerly direction, distance 9 30-100 feet; thence southerly and along said easterly line, distance 262 47-100 feet, to the northerly line of Howard street; thence easterly along said line, distance 20 15-100 feet, to the point or place of beginning.

Beginning at a point in the northerly line of Howard street distant 189 77-100 feet easterly from the easterly line of Crosby street; thence northerly, distance 320 8-100 feet, to a point in the southerly line of Grand street distant 198 53-100 feet easterly from the easterly line of Crosby street; thence easterly along said line, distance 1 85-100 feet, to the westerly line of Elm street; thence southerly along said line, distance 319 63-100 feet, to the northerly line of Howard street; thence westerly along said line, distance 10 65-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Howard street distant 120 8-100 feet westerly from the westerly line of Centre street; thence southerly, distance 270 72-100 feet, to the northerly line of Canal street at a point distant 137 68-100 feet westerly from the westerly line of Centre street; thence westerly along said line, distance 20 58-100 feet, to the easterly line of Elm street; thence northerly along said line, distance 167 32-100 feet; thence easterly, at right angle, or nearly so, distance 5 20-100 feet; thence northerly and still along the easterly line of Elm street, distance 99 33-100 feet, to the southerly line of Howard street; thence easterly along said line, distance 17 49-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Howard street distant 436 25-100 feet easterly from the easterly line of Broadway; thence southerly, distance 100 feet, to a point in the westerly line of Elm street distant 153 98-100 feet easterly from the northerly line of Canal street; thence northerly from said point and at right angle, or nearly so, distance 15 96-100 feet, to the westerly line of Elm street; thence northerly along said line, distance 100 feet, to the southerly line of Howard street; thence westerly along said line, distance 12 54-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Canal street distant 143 91-100 feet westerly from the westerly line of Centre street; thence southerly, distance 135 80-100 feet, to the northerly line of Walker street at a point distant 148 96-100 feet westerly from the westerly line of Centre street; thence westerly along said line, distance 20 21-100 feet, to the easterly line of Elm street; thence northerly along said line, distance 140 52-100 feet, to the southerly line of Canal street; thence easterly along said line, distance 20 29-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Walker street distant 152 10-100 feet westerly from the westerly line of Centre street; thence southerly, distance 231 19-100 feet, to a point in the northerly line of White street, distance 166 71-100 feet, westerly from the westerly line of Centre street; thence westerly along said line, distance 19 feet, to the easterly line of Elm street; thence northerly along said line, distance 230 50-100 feet, to the southerly line of Walker street; thence easterly along said line, distance 19 90-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of White street distant 170 99-100 feet westerly from the westerly line of Centre street; thence southerly, distance 200 76-100 feet, to a point in the northerly line of Franklin street distant 187 52-100 feet westerly from the westerly line of Centre street; thence westerly along said line, distance 23 90-100 feet, to the easterly line of Elm street; thence northerly along said line, distance 200 67-100 feet, to the southerly line of White street; thence easterly along said line, distance 20 18-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Franklin street distant 191 71-100 feet westerly from the westerly line of Centre street; thence southerly, distance 200 20-100 feet, to a point in the northerly line of Leonard street distant 207 85-100 feet westerly from the westerly line of Centre street; thence westerly along said line, distance 29 90-100 feet, to the easterly line of Elm street; thence northerly along said line, distance 200 17-100 feet, to the southerly line of Franklin street; thence easterly along said line, distance 25 12-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Leonard street distant 213 23-100 feet westerly from the westerly line of Centre street; thence southerly, distance 187 84-100 feet, to a point in the northerly line of Worth street distant 226 92-100 feet westerly from the westerly line of Centre street; thence westerly along said line, distance 34 45-100 feet, to the easterly line of Elm street; thence northerly along said line, distance 188 35-100 feet, to the southerly line of Leonard street; thence easterly along said line, distance 32 52-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Worth street distant 198 84-100 feet westerly from the westerly line of Centre street; thence diagonally through the block in a southerly direction, distance 215 11-100 feet, to a point in the northerly line of Pearl street, distance 93 3-100 feet, westerly from the westerly line of Centre street; thence westerly along the northerly line of Pearl street, distance 66 65-100 feet; thence still along the said northerly line, distance 30 23-100 feet; thence northerly and parallel with the first course mentioned and 80 feet distant therefrom, distance 154 82-100 feet, to a point in the easterly line of Elm street; thence 36-100 feet northerly from the northerly line of Pearl street; thence northerly along the easterly line of Elm street, distance 39 92-100 feet, to the southerly line of Worth street; thence easterly along said southerly line of Worth street, distance 68 34-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Pearl street distant 101 46-100 feet easterly from the easterly line of Elm street; thence southerly and diagonally through the block, distance 209 24-100 feet, to a point in the northerly line of Duane street, said point being distant 159 82-100 feet easterly from the easterly line of Elm street; thence easterly along the northerly line of Duane street, distance 86 69-100 feet, to the westerly line of Centre street; thence northerly along the westerly line of Centre street, distance 11 89-100 feet; thence northerly and diagonally through the block and parallel with the first course mentioned above, distance 200 48-100 feet, to the southerly line of Pearl street; thence westerly along said southerly line of Pearl street, distance 89 25-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Duane street distant 180 6-100 feet easterly from the easterly line of Elm street; thence southerly and diagonally through the block, distance 100 14-100 feet, to the north-westerly line of Centre street at a point distant 27 80-100 feet easterly from the northerly line of Reade street; thence northerly along said line, distance 55 80-100 feet, to the westerly line of Centre street; thence northerly along said line, distance 37 11-100 feet, to the southerly line of Duane street; thence westerly, distance 63 22-100 feet, to the point or place of beginning.

Beginning at a point in the southerly line of Reade street, said point being the southwesterly corner of City Hall place and Reade street and distant 52 82-100 feet westerly from the southeasterly corner of City Hall place and Reade street; thence westerly along said line of Reade street, distance 69 56-100 feet, to the easterly line of Centre street; thence southerly along said line, distance 112 10-100 feet, to the northerly line of City Hall place; thence easterly along said line, distance 129 25-100 feet, to the point or place of beginning.

The alteration of the established grade of Leonard street, between Broadway and Centre street.

From established grade on Leonard street, at Centre street, elevation 13 75-100 feet; thence westerly, to intersection of New Elm street, elevation 17 25-100 feet; thence westerly to a point in Leonard street, distant 100 25-100 feet from said intersection, elevation 19 56-100 feet.

All elevation above City base.

And that such proposed action of the said Board of Street Opening and Improvement has been duly laid before the Board of Aldermen.

Dated New York, August 23, 1893.

V. E. LIVINGSTON, Secretary.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 460.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT PIER, NEW 40, AND AT PIER, NEW 59, ON THE NORTH RIVER.

ESTIMATES FOR DREDGING AT PIER, NEW 40, and at Pier, new 59, on the North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11 o'clock A. M. of

TUESDAY, SEPTEMBER 5, 1893,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Thirty-seven Hundred Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications is as follows:

ON THE NORTH RIVER.

Pier, new 40..... 30,600 cubic yards.
Pier, new 59..... 16,000 "

Total..... 46,600 cubic yards.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves by personal examination of the location of the proposed dredging and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 10th day of October, 1893, or within as many days thereafter as the half slip on the north side of Pier, new 40, North river, is occupied by vessels or the contractor is otherwise detained from completing the work, after the date of the execution of this contract, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price, per cubic yard, for doing such dredging, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay from any cause in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do he or they will be considered as having abandoned it, and as in default to the Corporation, and the contract will be re-advertised and relet and so on until it be accepted and executed.

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 the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same 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, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party 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 to by all the parties interested.*

Each 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 or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person 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 to be done 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 the contract over and above all his debts of every nature, and over and above his liabilities as bail, surety and 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 will be subject to approval by the Comptroller of the City of New York, after the award is made and prior to the signing of the contract.

No 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 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.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No 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 RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

J. SERGEANT CRAM,
JAMES J. PHELAN,
ANDREW J. WHITE,
Commissioners of the Department of Docks.
Dated New York, August 19, 1893.

DEPARTMENT OF DOCKS,
PIER "A," BATTERY PLACE, NORTH RIVER,
NEW YORK, August 19, 1893.

MESSRS. VAN TASSELL & KEARNEY, AUCTIONEERS, will sell to the highest bidder at Public Auction, on account of the Department of Docks, Wednesday, August 30, 1893, commencing at 10 o'clock A. M., the following described Old Material at the places and upon the terms stated to wit:

At the Basins at East Ninety-ninth and One Hundred and Second Streets.

Lot 1. About 400 Long Pile Butts from 18 to 22 feet in length and not less than 12 inches in diameter at the small end. To be sold in lots of 100 each, with privilege of taking the whole or as many lots as the purchaser desires.

J. SERGEANT CRAM,
JAMES J. PHELAN,
ANDREW J. WHITE,
Commissioners of the Department of Docks.

(Work of Construction under New Plan.)

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 457.)

PROPOSALS FOR ESTIMATES FOR FURNISHING GRANITE STONES FOR BULKHEAD OR RIVER WALL.

ESTIMATES FOR FURNISHING GRANITE Stones for Bulkhead or River Wall, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11 o'clock A. M. of

TUESDAY, SEPTEMBER 5, 1893,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract in the manner prescribed and required by ordinance, in the sum of Sixteen Thousand Dollars.

The Engineer's estimate of the work to be done is as follows:

To be furnished, cut in accordance with specifications, 1,314 pieces of Granite, consisting of:
Class 1—618 Headers and 576 Stretchers, containing about 23,519 cubic feet.

Class 2—120 Coping-stones, containing about 9,600 cubic feet.

For further particulars, see the drawings referred to in the specifications forming part of the contract.

N. B.—As the above-mentioned quantities of cubic feet, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves by personal examination of similar stones now owned by the Department of Docks, and of the plans and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, per cubic foot, to be specified by the lowest bidder, shall be due or payable for the entire work.

The first delivery of granite under this contract will be made as soon as practicable after the date of the execution of this contract, and will proceed thereafter with reasonable dispatch, and all the work to be done under this contract is to be fully completed on or before the 20th day of December, 1893, and the amounts in each delivery are to be divided between the several classes, as ordered by the Engineer-in-Chief. The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates the price per cubic foot for the stones to be furnished, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing the work.

The person or persons to whom the contract may be awarded will be required to attend at this office, with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect, and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be re-advertised and relet, and so on until it be accepted and executed.

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, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same 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, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party 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 to by all the parties interested.*

Each 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 or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion, and that which said Corporation may be obliged to pay to the person 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 to be done in each class 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 the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and 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 will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No 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 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.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No 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 RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

J. SERGEANT CRAM,
JAMES J. PHELAN,
ANDREW J. WHITE,
Commissioners of the Department of Docks.
Dated New York, August 19, 1893.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 458.)

PROPOSALS FOR ESTIMATES FOR DREDGING IN THE SLIP BETWEEN PIERS, OLD 4 AND 5, AND IN THE SLIP BETWEEN PIERS, OLD 53 AND 54, ON THE EAST RIVER.

ESTIMATES FOR DREDGING IN THE SLIP between Piers, old 4 and 5, and in the slip between Piers, old 53 and 54, on the East river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11 o'clock A. M., of

TUESDAY, SEPTEMBER 5, 1893,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Twelve Hundred Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

ON THE EAST RIVER.

In the slip between Piers, Old 4 and 5..... 2,800 cubic yards.

In the slip between Piers, Old 53 and 54, 5,400 "

Total..... 8,200 "

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves by personal examination of the locations of the proposed dredging and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 15th day of October, 1893, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect to do so, he or they will be considered as having abandoned it, and as in default of the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

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, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same 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, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party 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 to by all the parties interested.

Each 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person 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 material to be delivered 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 the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No 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 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.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No 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 RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids, or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the material, can be obtained upon application therefor at the office of the Department.

J. SERGEANT CRAM,
JAMES J. PHELAN,
ANDREW J. WHITE,

Commissioners of the Department of Docks.
Dated New York, August 18, 1893.

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING,
CITY OF NEW YORK, STEWART BUILDING,
NEW YORK, August 8, 1893.

TO THE OWNERS OF LICENSED TRUCKS OR OTHER LICENSED VEHICLES RESIDING IN THE CITY OF NEW YORK.

PUBLIC NOTICE IS HEREBY GIVEN THAT, pursuant to the provisions of chapter 269 of the Laws of 1892 (known as the Street Cleaning Law), the Commissioner of Street Cleaning will remove or cause to be removed all unlicensed trucks, carts, wagons and vehicles of any description found in any public street or place between the hours of seven o'clock in the morning and six o'clock in the evening on any day of the week except Sundays and legal holidays, and also all unlicensed trucks, carts, wagons and vehicles of any description found upon any public street or place between the hours of six o'clock in the evening and seven o'clock in the morning, or on Sundays and legal holidays, unless the owner of such truck, cart, wagon or other vehicle shall have obtained from the Mayor a permit for the occupancy of that portion of such street or place on which it shall be found, and shall have given notice of the issue of said permit to the Commissioner of Street Cleaning.

The necessary permits can be obtained, free of charge, by applying to the Mayor's Marshal at his office in the City Hall.

Dated New York, August 8, 1893.

WILLIAM S. ANDREWS,
Commissioner of Street Cleaning,
New York City.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, August 26, 1893.

TO CONTRACTORS.

PROPOSALS FOR POTATOES FOR INSANE ASYLUMS.

SEALED BIDS OR ESTIMATES FOR FURNISHING Potatoes during the year 1893, in conformity with specifications, 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 10 o'clock A. M., of Tuesday, September 12, 1893.

POTATOES.

2,000 barrels White Potatoes, to be good, sound and of fair size, to weigh 172 pounds net per barrel, packages to be returned.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Potatoes," 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. Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

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 fifty (50) per cent. of the ESTIMATED amount of the contract.

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 or their sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall 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, 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 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 him 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 of the Corporation, and the contract will be readvertised and relet, as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the price for each article, by which the bids will be tested.

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, and 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.

HENRY H. PORTER, President,
CHARLES E. SIMMONS, M. D.,
EDWARD C. SHEEHY

Commissioners, Department of Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, August 24, 1893.

TO CONTRACTORS.

MATERIALS AND WORK REQUIRED FOR THE CONSTRUCTION OF A STEAM LAUNCH.

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 Thursday, September 7, 1893, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Steam Launch," 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 TWENTY-FIVE HUNDRED (\$2,500) DOLLARS.

A bidder for a 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 a 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, in the penal amount of fifty (50) per cent. of the ESTIMATED amount of the contract, or such specific sum as may be mentioned in the proposal.

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 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 or their sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall 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 supplies 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, 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 is to 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 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 him 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 of 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 and showing the manner of payment, can be obtained 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 their absolute enforcement in every particular.

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

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, August 22, 1893.

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 Ninety-fourth street and East river—Unknown man, aged 38 years; 5 feet 8 inches high; brown hair, sandy moustache. Had on white striped jumper, blue overalls, red flannel shirt, gray cotton socks, gaiters.

Unknown man, from foot of Whitehall street, aged about 26 years; 5 feet 6 inches high; sandy hair and moustache. Had on gray coat, brown and red striped pants, blue and white lawn tennis shirt, one gray sock, one gray and white sock.

At City Hospital, Blackwell's Island—Philip Wygard, aged 67 years; 5 feet 6 inches high; gray hair and eyes. Had on when admitted blue coat, dark striped pants, white shirt, colored shirt, white drawers, hat, shoes.

Anna McAllister, aged 63 years; 5 feet 3 inches high; brown eyes, dark hair, mixed with gray. Had

on when admitted blue calico skirt, flannel petticoat, blue waist, shoes.

Angela Fovvelli, aged 58 years; 5 feet 1½ inches high; black hair, mixed with gray. Had on when admitted blue skirt, black waist, blue apron.

At New York City Asylum for Insane, Blackwell's Island—Annie Fallavovich, aged 32 years; 5 feet ¼ inch high; brown hair, gray eyes. Had on when admitted black velvet hat, black jersey, black skirt, black petticoat, shoes, stockings.

Johanna Courtney, alias Splane, aged 64 years; 5 feet 2 inches high; brown hair and eyes. Admitted July 9, 1893.

At New York City Asylum for Insane, Ward's Island—William G. Martin, aged 48 years; 5 feet 6 inches high; brown hair, blue eyes. Had on when admitted light suit of clothes.

Nothing known of their friends or relatives.

By order,
G. F. BRITTON, Secretary.

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, August 24, 1893.

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 on Monday, September 11, 1893, until 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON THE PRESENT STONE-BLOCK PAVEMENT, THE CARRIAGEWAY OF TWENTY-SIXTH STREET, from Madison to Thirtieth avenue (except from Tenth to Thirtieth avenue).

No. 2. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF GREENWICH STREET, from Fulton street to Battery place (so far as the same is not within the limits of grants of land under water).

No. 3. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF GREENWICH STREET, from Battery place to Fulton street (so far as the same is within the limits of grants of land under water).

No. 4. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF ELEVENTH STREET, from westerly crosswalk of West street to bulkhead line of Hudson river (so far as the same is not within the limits of grants of land under water).

No. 5. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF ELEVENTH STREET, from westerly crosswalk of West street to bulkhead line of Hudson river (so far as the same is within the limits of grants of land under water).

No. 6. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF THIRTIETH STREET, from Eleventh avenue to Hudson river (so far as the same is within the limits of grants of land under water).

No. 7. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE CARRIAGEWAY OF SIXTY-FOURTH STREET, from West End avenue to Hudson River Railroad.

No. 8. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE CARRIAGEWAY OF NINETY-SEVENTH STREET, from West End avenue to Riverside Park.

No. 9. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE CARRIAGEWAY OF ONE HUNDRED AND TWENTY-FIRST STREET, from Eighth to Ninth avenue.

No. 10. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE CARRIAGEWAY OF ONE HUNDRED AND THIRTY-SIXTH STREET, from Fifth to Seventh avenue.

No. 11. FOR FLAGGING FULL WIDTH AND REFLAGGING, CURBING AND RECURBING, THE SIDEWALKS ON THE BLOCK BOUNDED BY FOURTEENTH AND FIFTEENTH STREETS AND TENTH AND ELEVENTH AVENUES.

No. 12. FOR FLAGGING FULL WIDTH AND REFLAGGING THE SIDEWALKS ON THE NORTH SIDE OF SIXTY-NINTH STREET, from Central Park, West, to Columbus avenue.

No. 13. FOR FLAGGING AND REFLAGGING THE SIDEWALKS ON ONE HUNDRED AND SEVENTEENTH STREET, from Fifth to Lenox avenue.

No. 14. FOR FLAGGING FULL WIDTH THE SIDEWALKS ON EAST SIDE OF MANHATTAN AVENUE, from One Hundred and Thirtieth to One Hundred and Fourteenth street.

No. 15. FOR FLAGGING AND REFLAGGING THE SIDEWALKS ON THE EAST SIDE OF AMSTERDAM AVENUE, from One Hundred and Forty-fifth to One Hundred and Forty-seventh street.

No. 16. FOR REGULATING AND GRADING ONE HUNDRED AND THIRTY-SEVENTH STREET, from Fifth avenue to Harlem river, AND SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

No. 17. FOR REGULATING AND GRADING ONE HUNDRED AND NINETEENTH STREET, from Audubon avenue to Eleventh avenue, 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 included 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 the 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 Rooms 7 and 5, No. 31 Chambers street.

MICHAEL T. DALY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, August 15, 1893.

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 on Monday, August 28, 1893, until 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FURNISHING MATERIALS AND PERFORMING WORK IN POINTING UP, CLEANING AND PAINTING THE EXTERIOR WALLS OF THE THIRD DISTRICT COURT-HOUSE.

No. 2. FOR FURNISHING MATERIALS AND PERFORMING WORK IN THE POINTING UP THE EXTERIOR WALLS OF THE SEVENTH REGIMENT ARMORY.

No. 4. FOR SEWER IN ONE HUNDRED AND EIGHTY-THIRD STREET, between Amsterdam and Eleventh avenues.

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 included 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 the 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 Rooms 9 and 15, No. 31 Chambers street.

MICHAEL T. DALY,
Commissioner of Public Works.

NOTICE OF SALE AT PUBLIC AUCTION.

TUESDAY, SEPTEMBER 12, 1893,

AT 10 O'CLOCK A. M.

THE DEPARTMENT OF PUBLIC WORKS OF the City of New York, under the direction of Frank Townsend, Auctioneer, will sell at Public Auction, on the premises, the following-described buildings, etc., now standing within the lines of property taken under chapter 189, Laws of 1893, in the Town of South East, Putnam County, New York:

George Cole.

Lot No. 1. Barn, with basement and loft, 25.7 x 41.7, with wing, 16.6 x 39.6, and chicken-coop attached, 12 x 6.

Melissa Birch.

Lot No. 2. Stable, 1-story and loft, 28.5 x 52.7, with 13.5 x 52.7 (built by contractors).

Lot No. 3. Cider and saw mill (steam), 1-story and cellar, 46.8 x 34.4, with south wing, 28.8, and west wing, 26.5 x 4.3.

Lot No. 4. Stable, 1-story, loft and basement, 51 x 37, with 37 x 14; chicken-coop, with wire and glass on south side, 20.4 x 9.

Seth B. Howes.

Lot No. 5. Stable, 1-story, loft and cellar, cut stone foundation, 36.7 x 20.6, with south wing, 12 x 12.6.

Jennie L. Cole.

Lot No. 6. House, 2-story, attic and basement, 42 x 24.5; coal and wood house, 12.7 x 6; chicken and tool house, 12 x 11; privy, 5 x 5.

Mrs. Eliza A. Thompson.

Lot No. House, 2-story and basement, 55.4 x 29, with north wing, 16.4 x 12.

Lot No. 8. Store and dwelling-house, 32.7 x 18.4, with west wing used as chicken-house, 13 x 8.

Lot No. 9. Barn, 1-story and loft, 22.3 x 20.3, with east wing, 15.6 x 10, used as chicken-house; privy, 7 x 6; privy, 7 x 5.6.

Martha M. Crosby.

Lot No. 10. House, 2-story, 38.4 x 26.5, with south-west wing, 22 x 13.5, and northeast wing, 21.6 x 15.4.

Lot No. 11. Stable and barn, 28.3 x 26.4, with two northeast wings, 22.5 x 21 and 20.2 x 14; a "lean-to" on southeast side, 9.3 x 7.

Lot No. 12. Stable, 12.7 x 15.4, with east "lean-to," 15.4 x 8.2.

Lot No. 13. House (built by contractors), 39.6 x 20; privy, 5 x 6.

Benjamin Pardee.

Lot No. 14. House, 2-story and cellar, 20 x 26.4, with north wing, 17.6 x 12; wash-house, 7 x 8; chicken-house, 6 x 6; privy-house, 5 x 6.

Susan S. Eno.

Lot No. 15. 2-story house, attic and basement, 32.6 x 36.8.

Lot No. 16. 2-story house, attic and cellar, 34.5 x 26.3, with southwest wing, 13.3 x 36.6.

Lot No. 17. Stable, 2-story, 16.2 x 18, with west wing, 1-story, 22.6 x 16.2.

Lot No. 18. Sash and blind and grist mill, 2-story, 37 x 32.6, with brick engine-room, 20.2 x 12, and coal-room, 13 x 6; privy, 5 x 9; privy, 5.4 x 10.3; privy, 5 x 6.

Mrs. Carrie B. Holmes.

Lot No. 19. Stable, 1-story and loft, 26.6 x 25, with south "lean-to," 14 x 20.3.

Lot No. 20. Store-house, 1-story and basement, 12.2 x 8.6, with east wing (chicken-coop), 10 x 6.

Proposed Street.

Lot No. 21. Chicken-coop, 7 x 7; tool-house, 4 x 4, owned by William Bingham.

William Bingham.

Lot No. 22. 2-story house, 18.4 x 24.4; 1-story house, 12.4 x 20, with east wing, 15.5 x 4.7.

Lot No. 23. Privy, 5 x 5.

Coleman Roscoe.

Lot No. 24. House, 2-story and cellar, 24 x 18.2, with east wing, 11.3 x 9.3.

Lot No. 25. Workshop, 8.2 x 10.2, and south wing, 9 x 6.2; chicken-house, 8 x 5; privy-house, 4 x 4.

Emory McKenna.

Lot No. 26. 2-story house, attic and cellar, 28.6 x 18.4, with west wing, 18.4 x 7; with east wing, 3.6 x 5.2.

Lot No. 27. Barn, 12.4 x 18.2, with east wing, 5.1 x 10.2; with west wing, 7.2 x 8; pig-sty, 6.6 x 11.2; privy, 5 x 4.

Estate of Francis Washburn.

Lot No. 28. House, 2-story and cellar, 28.4 x 28.3; coal and wood house, 14.4 x 10.3; privy, 5.5 x 5.

Ida M. Garnsey.

Lot No. 29. House, 2-story and basement, 26.7 x 30.5.

Lot No. 30. House, 2-story and cellar, 16.3 x 10.8, with south wing, 10.5 x 20.3; storehouse, 12.3 x 10, with south wing, 6 x 8; privy, 6.3 x 3.4.

Lot No. 31. Coal-house, 6.3 x 12.6; wood-house, 18 x 10.6; chicken-house, 18.3 x 8; wood-house, 11.2 x 9.3; privy, 5 x 4.

Ida M. Pugsley.

Lot No. 32. House, 2-story, attic and basement, 40.6 x 20.4, with east wing, 4 x 12.6; wood-house, 8.3 x 6; tool-house, 7 x 4; privy, 4 x 5.5.

Emory Garnsey.

Lot No. 33. House, 2-story and cellar, 20.4 x 24.4, with west wing, 6 x 11.2, and south wing, 11.2 x 11.2; chicken-house, 8 x 6.5; privy, 5 x 6.

Joseph Grimm.

Lot No. 34. 2-story house with cellar, 18.8 x 22.5, with south wing, 15 x 12.8, and wing on south wing, 12 x 5; privy, 5 x 5.

John Barton.

Lot No. 35. House, 2-story, 16.5 x 20.5; privy, 4 x 5.

Mrs. Annie Shenton.

Lot No. 36. House, 2-story and cellar, 18 x 34.8, with west wing, 5 x 19.8; woodshed, 12.3 x 6; privy, 4 x 4.

John Shenton.

Lot No. 37. House, 2-story and cellar, 20.3 x 24.4, with west wing, 10.2 x 20.4; privy, 4 x 4.

Ann Wil erage.

Lot No. 38. House, 2-story, 22 x 15.3, with inclosed piazza, 12 x 4; privy, 4 x 4.

Edward W. Lewis.

Lot No. 39. House, 2-story and cellar, 20.3 x 24.4; privy, 4 x 4.

Mrs. Esther Chase.

Lot No. 40. House, 4-story and attic, 24 x 30; chicken-house, 11 x 13; coal-house, 6.4 x 5; privy, 5 x 6.

Michael Flynn.

Lot No. 41. House, 2-story and attic, 20 x 24.4; barn 12 x 18; privy, 5 x 4.

Walter F. Brewster.

Lot No. 42. House and carpenter shop, 2-story and attic and basement, 29 x 26.6, with east wing, 22 x 6.7.

Mrs. Rosetta B. Lent.

Lot No. 43. House, 2-story and basement, 20.5 x 36.5, with east wing, 16.8 x 5.

Lot No. 44. House, 2-story and basement, 21.5 x 19, with southwest wing, 18.5 x 19, with wing, 9.5 x 13; coal-house and privy, 6 x 14; wood-house, 10 x 8; privy, 4 x 5.

District School 13.

Lot No. 45. School, 2-story and basement, 70.6 x 30.4, with east wing, 22.6 x 6, and west wing, 32.6 x 10, covered play-platform, 46 x 32.

Lot No. 46. Privy, 5.8 x 4.8; privy, 5.3 x 13.4; privy, 6.4 x 12.3; veranda, 15.6 x 32.6; board walk, 15 x 100.

Estate of George Moore.

Lot No. 47. 2-story house, attic and cellar, 42.8 x 22.4, with kitchen, 10.3 x 12.3; privy, 6 x 4.6.

Dennis Sullivan.

Lot No. 48. House, 2-story and basement, 34.7 x 16, with west wing, 7 x 5.4; privy, 4 x 5.

Isabel Brush.

Lot No. 49. House, 2-story and cellar, 14.2 x 35.4, with southeast wing, 9.6 x 30; with northwest wing, 6.6 x 14.4; wood-house, 14.3 x 8; privy, 4 x 5.2.

Mrs. Elizabeth Ritchie.

Lot No. 50. House, 2-story and cellar, 20 x 24.4, with southeast wing, 13 x 18, and southwest wing, 6 x 12.

Lot No. 51. Barn, 2-story, 30.4 x 14.2, with south "lean-to," 10 x 14.2; chicken-coop, 8.6 x 5.7; privy, 4.8 x 5.8.

W. C. Lovey.

Lot No. 52. House, 2-story and cellar, 20.3 x 24.4, with southeast wing, 20.3 x 5, and wing on southeast side, 9.5 x 14; privy, 4.6 x 5.6.

William Langer.

Lot No. 53. House, 2-story attic and cellar, 26.3 x 24.3, with southeast wing, 15.8 x 14.3; wood-house, 10.2 x 7.8; chicken-house, 8 x 5; privy, 4.5 x 5.

William Thomas.

Lot No. 54. House, 2-story, 18.3 x 20.4.

Lot No. 55. House, 2-story and attic and cellar, 19.3 x 22.4; privy, 5 x 4.

Ellen Gleason.

Lot No. 56. House, 2-story and cellar, 26 x 22; privy, 5 x 5.

Bartley Quinn.

Lot No. 57. House, 1-story and basement, 12 x 24.2, with southwest wing, 10 x 14; privy, 5 x 3.

Martha S. Thomas.

Lot No. 58. Barn, 36.5 x 26.3.

Lot No. 59. Saw-mill, 25.2 x 17.4, with "lean-to" on south end, 20.3 x 18.3, with "lean-to" on east end, 17.8 x 8.4.

Lot No. 60. Boiler-house, 12.4 x 19.5.

Rosanna Bermingham.

Lot No. 61. House, 1-story, attic and basement, 15 x 20, with "lean-to" cellar, 8 x 15; Privy, 3 x 3.

Wm. Thomas (at Thomasville).

Lot No. 62. Dwelling and store, 2-story, 22 x 60, with shed, north side, 32 x 10.

Lot No. 63. Barn, 2-story, 26.4 x 19; barn, 1-story, 14.6 x 16.

Lot No. 64. Shed for coal, wood, etc., 28.8 x 8.

Lot No. 65. Stable, 8.4 x 10; stable, 10.2 x 11; stable, 8 x 12; barn, 13 x 20.6; chicken-house, 12.4 x 8; storehouse, 6 x 7.

Lot No. 66. House, 2-story and basement, 20.6 x 45.6; privy, 4 x 8.

Lot No. 67. House, 2-story and basement, 22.4 x 40.6; privy, 4 x 8; privy, 6 x 7.

Lot No. 68. House, 1-story and attic, 19 x 30, with northwest wing, 7.4 x 14; woodshed, 6 x 8; privy, 4 x 3; privy, 6 x 5.

Lot No. 69. House, 2-story and basement, 30.6 x 15.4; wood-house, 12.2 x 10.

Martha S. Thomas.

Lot No. 70. House, 2-story and basement, 16.6 x 25.4; wood-house, 12.2 x 8.4; privy, 5 x 6.

Stephen Baker.

Lot No. 71. Barn, 20.3 x 16.3.

John Harvey Van Scry.

Lot No. 72. Barn, 24.4 x 30.4.

Erville Stiles.

Lot No. 73. House, 1 1/2-story and cellar, 23.2 x 22, with "lean-to" on north side, 14.2 x 22, and wing on west side, 5.7 x 13; 1-story shop and privy, 12.4 x 16.

Estate of Orrin Hutchins et al.

Lot No. 74. House, 1 1/2-story and cellar, 22.4 x 32; wash-house, 7 x 8; privy-house, 4 x 3.

Lot No. 75. Stable, 25.4 x 16, with "lean-to" on north end, 11.6 x 12.6, and corn-crib north of "lean-to," 14.8 x 11.

Jessie B. Van Scoy.

Lot No. 76. House, 2-story and cellar, 18.4 x 22, with "lean-to" on north end, 13.3 x 22; chicken-coop, 5 x 7; privy, 4 x 4.

John Connor.

Lot No. 77. House, 2-story and cellar, 20.4 x 32.6, with 1-story wing on south side, 14 x 16, and wing on south wing, 8 x 10.

Lot No. 78. House, 2-story and basement, 22.4 x 26, with shed on east end, 10.6 x 14.

Harvey Van Scoy.

Lot No. 79. House, 2-story, attic and cellar, 30.6 x 24; with south addition, 43.4 x 17, and south wing, 6 x 13.4; with kitchen on wing, 8 x 8.4.

Lot No. 80. Stable and barn, 40 x 20; shed and storehouse, 18.3 x 28; privy, 5 x 5.

Jame O. and Mary Everett.

Lot No. 81. House, 2-story and basement, 32 x 20; privy, 4 x 4.

A. F. Lobdell.

Lot No. 82. Blacksmith shop (building owned by P. Hughes), 18 x 22; store-house, 11.3 x 12.4.

Lot No. 83. House, 2-story, 19.4 x 17, with south wing, 17 x 15.6, for store-room.

Lot No. 84. Grist-mill, 2-story and attic and basement, 36.6 x 66.

Lot No. 85. Brick 1-story building, 17 x 20.4, with "lean-to," 11 x 20.4.

First National Bank.

Lot No. 86. 2-story carpenter shop, 20.6 x 33.

Lot No. 87. Brick chimney, 6 feet square at bottom and about 65 feet high.

Lydia A. Ganung.

Lot No. 88. West wing of large barn, 2-story, 20 x 32.2.

Lot No. 89. 1-story brick house, with cellar, 20 x 12.4; brick privy, 4 x 5; woodshed, 31 x 12.

Lot No. 90. Stable, 24.6 x 24.4, with west "lean-to," 10.4 x 24.4, and "lean-to" on south, 7.3 x 4.4.

Abram J. Miller.

Lot No. 91. 2-story house, 36.5 x 22.5; chicken-coop, 14.3 x 7.2; privy, 5 x 5.

Jane Howes.

Lot No. 92. House, 2-story and basement, 50 x 28.5; privy, 5 x 5; store-house, 6.2 x 8.4; store-house, 8 x 6.

Lot No. 93. Stable, 20.5 x 18.8.

Catherine Wimmer.

Lot No. 94. Carriage and Blacksmith Shop, 41.8 x 22.2.

Rosanna Kelly.

Lot No. 95. Foundry building, 30 x 62.3; west wing, 18 x 16.3, and brick oven, 7 x 6; south wing, 12.6 x 23; Privy, 5 x 5.

Walter Purdy.

Lot No. 96. House, 2-story and basement, 24.6 x 18.4; kitchen (detached), 10.4 x 8; privy, 6 x 5.

Lot No. 97. Stable, 18.6 x 14.

Michael McCabe.

Lot No. 98. House, 2-story and

No. 10. Both sides of One Hundred and Seventh street, from Boulevard to Riverside avenue.

No. 11. Both sides of Ninetieth street, from Boulevard to Amsterdam avenue.

No. 12. East side of Lexington avenue, from One Hundred and Twenty-fourth to One Hundred and Twenty-fifth street.

No. 13. South side of One Hundred and Ninth street, extending about 450 feet easterly from Boulevard, and east side of Boulevard, extending about 101 feet southerly from One Hundred and Ninth street.

No. 14. Block 489, Ward Nos. 24, 25 and 50, in the Twelfth Ward.

No. 15. East side of Fifth avenue, extending about 110 feet southerly from One Hundred and Fifth street.

No. 16. South side of One Hundred and Seventh street, extending about 300 feet easterly from Madison avenue.

No. 17. South side of One Hundred and Twentieth street east of Seventh avenue on Block 706, Ward Nos. 55, 56, 57 and 58.

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 the 25th day of September, 1893.

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, August 25, 1893.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 4122, No. 1. Sewer and appurtenances in John street, from existing sewer in Brook avenue to Eagle avenue, with branches in St. Ann's avenue, from One Hundred and Fifty-sixth street to Clifton street.

List 4123, No. 2. Sewer and appurtenances in Walnut avenue, between One Hundred and Thirty-eighth and One Hundred and Thirty-sixth streets, and with branches in One Hundred and Thirty-sixth street, between Locust avenue and Southern Boulevard.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of St. Ann's avenue, from One Hundred and Fifty-sixth to Clifton street; both sides of Eagle avenue, from Cedar place to Clifton street, and both sides of John street, from Brook avenue to Eagle avenue.

No. 2. Both sides of One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets, from Locust avenue to Southern Boulevard; both sides of Walnut avenue, from One Hundred and Thirty-fifth to One Hundred and Thirty-eighth street, and both sides of Willow avenue, from One Hundred and Thirty-sixth to One Hundred and Thirty-eighth street, and west side of Locust avenue, extending one half the block north-easterly and southerly from One Hundred and Thirty-sixth street.

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 the 22d day of September, 1893.

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, August 22, 1893.

SUPREME COURT.

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, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SEVENTY-NINTH STREET (although not yet named by proper authority), extending from Tiebout avenue to Third avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road from Tiebout avenue to Washington avenue, and as a third-class street or road from Washington avenue to Third avenue by the Department of Public Parks.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at the Chambers thereof, in the County Court-house, in the City of New York, on the 6th day of September, 1893, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Department of Public Works, there to remain for and during the space of ten days.

Dated New York, August 22, 1893.

THOMAS F. GRADY,
THOMAS J. MILLER,
THEODORE M. ROCHE,

Commissioners.

JOHN P. DUNN, 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, wherever the same has not been heretofore acquired, to ONE HUNDRED AND THIRTY-FIFTH STREET (although not yet named by proper authority), between Amsterdam avenue and the Boulevard, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Thursday, the 31st day of August, 1893, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street, known as One Hundred and Thirty-fifth street, between Amsterdam avenue and the Boulevard, in the Twelfth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the easterly line of the Boulevard, distant two hundred and nineteen feet ten inches north-easterly from the northerly line of One Hundred and Thirty-fourth street; thence easterly and parallel with

said street, distance seven hundred and seventy-five feet, to the westerly line of Amsterdam avenue; thence northerly along said avenue, distance sixty feet; thence westerly, distance seven hundred and seventy-five feet, to the easterly line of the Boulevard; thence southerly along said line, distance sixty feet, to the point or place of beginning. Said street to be sixty feet wide between the lines of Amsterdam avenue and the Boulevard.

Dated New York, August 18, 1893.

WILLIAM H. CLARK,
Counsel to the Corporation,

No. 2 Tryon Row, New York City.

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, wherever the same has not been heretofore acquired, to ONE HUNDRED AND FORTY-NINTH STREET, between Seventh avenue and the bulkhead-line, Harlem river, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 8th day of March, 1892, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street or avenue, herein designated as One Hundred and Forty-ninth street, as shown and delineated on a certain map of the City of New York, made by the Commissioner of Streets and Roads of the City of New York, and filed in the office of the Street Commissioner of the City of New York, April 1, 1891, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, by and under authority of chapter 697 of the Laws of 1867, and filed in the office of the Street Commissioner of the City of New York on March 7, 1868, and more particularly set forth in the petition of the Board of Street Opening and Improvement filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, or avenue, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 17, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 21st day of September, 1893, at 2.30 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 17, 1893.

WILLIAM C. HOLBROOK, Chairman,
MILLARD R. JONES,
JOHN KELEHER,

Commissioners.

JOHN P. DUNN, 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, wherever the same has not been heretofore acquired, to TWO HUNDRED AND THIRD STREET (although not yet named by proper authority), between Tenth avenue and the United States Channel line, Harlem river, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 31st day of May, 1893, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street or avenue herein designated as Two Hundred and Third street, as shown and delineated on a certain map entitled, "Map or plan of streets, roads and avenues within that part of the Twelfth Ward of the City of New York, lying north of the northerly line of Dyckman street, formerly known as Dyckman street and Inwood street, under authority of chapter 360 of the Laws of 1883 and chapter 185 of the Laws of 1885," made by the Board of Street Opening and Improvement of the City of New York, and filed by said Board on or about the 28th day of January, 1889, in the office of the Register of the City and County of New York, and more particularly set forth in the petition of the Board of Street Opening and Improvement filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York (Room No. 3), with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 17, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 21st day of September, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and

place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 17, 1893.

FREDERIC J. DIETER, Chairman,
JOHN KELEHER,
WILLIAM C. HOLBROOK,

Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Commissioners of Public Parks 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, in fee, by the Mayor, Aldermen and Commonalty of the City of New York to the gore of land north of ONE HUNDRED AND FIFTY-THIRD STREET, between the Seventh avenue and MacComb's Dam road, in the Twelfth Ward of said city, for the purpose of the construction of a bridge and approaches thereto, with the necessary abutments and arches, across the Harlem river, in said city, to replace the present Central or MacComb's Dam Bridge.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 11th day of October, 1892, Commissioners of Estimate, for the purpose of making a just and equitable estimate of the loss and damage to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required and to be acquired in fee in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the purpose of the construction of a bridge and approaches thereto, with the necessary abutments and arches, across the Harlem river, in the City of New York, to replace the present Central or MacComb's Dam Bridge, pursuant to the provisions of chapter 207 of the Laws of 1890, as amended by chapters 13 and 552 of the Laws of 1892, being the following-described gore, plot, piece or parcel of land, situate, lying and being in the Twelfth Ward of the City of New York, and bounded and described as follows:

Beginning at the intersection of the westerly line of the Seventh avenue with the northerly line of One Hundred and Fifty-third street, and running thence westerly on said northerly line of One Hundred and Fifty-third street two hundred and fifty-two feet (252) to the easterly line of the MacComb's Dam road; thence northeasterly on the said easterly line of the MacComb's Dam road one hundred and twenty-eight feet and fifty-eight one-hundredths feet (128 58-100) to a point on the said easterly line distant one hundred and ninety and ninety-five one-hundredths feet (190 95-100) from the westerly line of the Seventh avenue, and at right angles to said westerly line of the Seventh avenue; thence northeasterly, continuing along said easterly line of the MacComb's Dam road, three hundred and seventy-two and twenty-nine one-hundredths feet (372 29-100) to the point of intersection of the easterly line of the MacComb's Dam road with the westerly line of the Seventh avenue; thence southerly, on the said westerly line of the Seventh avenue, four hundred and thirty-two and seventy-two one-hundredths feet (432 72-100), more or less, to the place of beginning.

All parties and persons interested in the real estate taken or to be taken for the aforesaid purpose, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Room 13, No. 280 Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 11, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 20th day of September, 1893, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto.

And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 11, 1893.

GILBERT M. SPEIR, Chairman,
EUGENE VAN SCHAICK,
CORNELIUS C. CUYLER,

Commissioners.

MICHAEL T. SHARKEY, Clerk.

NOTICE OF APPLICATION FOR APPRAISAL.

PUBLIC NOTICE IS HEREBY GIVEN THAT it is the intention of the Counsel to the Corporation of the City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal under chapter 450 of the Laws of 1883.

Such application will be made at a Special Term of said Court to be held in the Second Judicial District, at the Court-house in White Plains, Westchester County, on the twenty-third day of September, 1893, at 10 o'clock in the forenoon, or as soon thereafter as counsel can be heard. The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York, and the other two of whom shall reside in the county in which the real estate hereinafter described is situated, as Commissioners of Appraisal to ascertain and appraise the compensation to be made to the owners of and all persons interested in the real estate hereinafter described, as proposed to be taken or affected for the purpose of maintaining, preserving and increasing the water supply of the City of New York.

The real estate sought to be taken or affected is situated in the Village of Katonah, Town of Bedford, County of Westchester and State of New York, and is laid out, indicated and shown on a certain map, dated May 24, 1893, signed and certified as required by said act, and entitled "Property Map of Land required for the construction of the New Croton Reservoir, in the Village of Katonah, Town of Bedford, Westchester County, N.Y.," which said map was filed in Westchester County Register's office, at White Plains, in said county, on June 22, 1893, and is numbered Map No. 1079.

The following is a statement of the boundaries of the real estate to be acquired, all of which is to be acquired in fee:

All that certain tract of land in the Village of Katonah, Town of Bedford, County of Westchester and State of New York, included within the following external boundary line and designated as Parcels Nos. 1 to 15, inclusive:

Beginning at the northeast corner of land of Ebenesen J. Purdy, on the south side of Main street, and running thence south 2 degrees 17 minutes east 320.40 feet; thence north 87 degrees 43 minutes east 21 feet; thence south 2 degrees 17 minutes east 203.60 feet; thence north 44 degrees 20 minutes west 423.82 feet; thence north 45 degrees 26 minutes west 142.3 feet; thence north 51 degrees 18 minutes west 104.65 feet; thence north 16 degrees 33 minutes 30 seconds east 25.80 feet; thence north 80 degrees 4 minutes east 88.70 feet; thence north 78 degrees 41 minutes east 159.92 feet; thence south 85 degrees 45 minutes east 101.58 feet. Being the triangular piece of land in the said Village of Katonah, bounded on the north by Main street, on the west and south by the highway running along Cross river, and on the east by property claimed to be owned by the New York and Harlem Railroad.

Also all that certain other piece of land in said Village of Katonah, described as follows: Commencing at the most northerly point of land of James Carr on the east bank of the Cross river and running thence south 3 minutes 30 seconds west 127.40 feet; thence south 24 degrees 39 minutes 30 seconds west 58.75 feet; thence south 89 degrees 26 minutes east 44.75 feet; thence north 2 degrees 17 minutes west 82.20 feet; thence north 87 degrees 43 minutes east 31.20 feet; thence

north 3 degrees 37 minutes west 26.13 feet; thence north 32 degrees 53 minutes 30 seconds west 85.40 feet. Reference is made to said map, filed as aforesaid, for a more detailed description of said real estate.

Dated New York, August 11, 1893.

WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York.

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, wherever the same has not been heretofore acquired, to AUDUBON AVENUE (although not yet named by proper authority), between One Hundred and Sixty-fifth street and One Hundred and Seventy-fifth street, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 2d day of August, 1890, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street or avenue, herein designated as Audubon avenue, as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, by and under authority of chapter 565 of the Laws of 1865, and filed in the office of the Register of the City and County of New York, on the 17th day of September, 1869, and in the Department of Public Parks and in the office of the Secretary of State of the State of New York on or about said day, and more particularly set forth in the petition of the Board of Street Opening and Improvement, filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 8, 1893).

And we, the said Commissioners, will be in attendance at our said office, on the 11th day of September, 1893, at 3 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 8, 1893.

JAMES P. CAMPBELL,
J. ROMAIN BROWN,
MATTHEW CHALMERS,

Commissioners.

JOHN P. DUNN, 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, wherever the same has not been heretofore acquired, to ONE HUNDRED AND SIXTY-FOURTH STREET (although not yet named by proper authority), between Edgemoor road and Amsterdam avenue, in the Twelfth Ward of the City of New York, as the same has been heretofore laid out and designated as a third-class street or road.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 31st day of May, 1893, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street or avenue, herein designated as One Hundred and Sixty-fourth street, as shown and delineated on a certain map entitled "Map or survey showing streets, roads, public squares and places that have been laid out by the Commissioners of the Central Park, within that part of the City of New York to the northward of the southerly line of One Hundred and Fifty-fifth street, in pursuance of an act entitled 'An act to provide for the laying-out and improving of certain portions of the City and County of New York,' passed April 24, 1865," and more particularly set forth in the petition of the Board of Street Opening and Improvement, filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 7, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 11th day of September, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of

the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 7, 1893.

THOMAS C. T. CRAIN, Chairman,
PAUL C. GREENING,
EDWARD T. WOOD,

Commissioners.

JOHN P. DUNN, 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, wherever the same has not been heretofore acquired, to SHERMAN AVENUE (although not yet named by proper authority), between Kingsbridge road and Tenth avenue, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court bearing date the 31st day of May, 1893, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street or avenue, herein designated as Sherman Avenue, as shown and delineated on certain maps made by the Board of Street Opening and Improvement of the City of New York, and filed by said Board on or about the 28th day of January, 1889, one in the office of the Department of Public Works, one in the office of the Secretary of State of the State of New York, one in the office of the Register of the City and County of New York, and one in the office of the Department of Public Parks, and more particularly set forth in the petition of the Board of Street Opening and Improvement, filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 7, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 18th day of September, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 7, 1893.

JAMES E. DOHERTY, Chairman,
ROBERT L. WENSLEY,
MATTHEW CHALMERS,

Commissioners.

JOHN P. DUNN, 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, wherever the same has not been heretofore acquired, to LOWELL STREET (although not yet named by proper authority), extending from Third Avenue to Rider Avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 51 Chambers street (Room 4), in said city, on Tuesday, August 22, 1893, at 12 o'clock M., to hear any person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 51 Chambers street; that it is our intention to present our report for confirmation to the Supreme Court, at a Special Term thereof, to be held at Chambers street, at the County Court-house, in the City of New York, on the 1st day of September, 1893, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, 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, August 8, 1893.

SAMUEL W. MILBANK, Chairman,
JACOB P. SOLOMON,
HENRY W. GRAY,

Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Commissioners of Public Parks 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 in fee by the Mayor, Aldermen and Commonalty of the City of New York to the gore of land north of ONE HUNDRED AND FIFTY-THIRD STREET, between the Seventh Avenue and MacComb's Dam road, in the Twelfth Ward of said city, for the purpose of the construction of a bridge and approaches thereto, with the necessary abutments and arches, across the Harlem river in said city, to replace the present Central or MacComb's Dam Bridge.

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

First—That we have completed our estimate, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections hereto, do present their said objections in writing, duly verified, to us at our office, No. 280 Broadway (Room 113), in said city, on or before the 10th day of September, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of September, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A. M.

Second—That the abstract of our said estimate, together with our damage map, and also all the affidavits, estimates and other documents used by us in making our

report, have been deposited with the Commissioner of Public Parks of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 18th day of September, 1893.

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 the Chambers street, at the County Court-house, in the City of New York, on the 9th day of October, 1893, 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, August 7, 1893.

GILBERT M. SPEIR, Jr., Chairman,
EUGENE VAN SCHAIK,
CORNELIUS C. CUYLER,

Commissioners.

MICHAEL T. SHARKEY, 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, wherever the same has not been heretofore acquired, to ONE HUNDRED AND FIFTY-FIRST STREET, between Bradhurst Avenue and the bulkhead line, Harlem river, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court bearing date the 8th day of March, 1892, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street or avenue, herein designated as One Hundred and Fifty-first street, as shown and delineated on a certain map of the City of New York, made by the Commissioners of Streets and Roads of the City of New York, and filed in the office of the Street Commissioner of the City of New York, April 1, 1891; and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, by and under authority of chapter 697 of the Laws of 1867, and filed in the office of the Street Commissioner of the City of New York on March 7, 1868, and more particularly set forth in the petition of the Board of Street Opening and Improvement, filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 5, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 14th day of September, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 5, 1893.

THOMAS D. HUSTED, Chairman,
THOMAS F. GILROY, Jr.,
ALBERT BACH,

Commissioners.

JOHN P. DUNN, 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, wherever the same has not been heretofore acquired, to TWO HUNDRED AND SECOND STREET (although not yet named by proper authority), between Tenth Avenue and the United States Channel Line, Harlem river, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 31st day of May, 1893, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons, respectively, entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose, by and in consequence of opening a certain street or avenue herein designated as Two Hundred and Second street, as shown and delineated on a certain map, entitled "Map or plan of streets, roads and avenues within that part of the Twelfth Ward of the City of New York, lying north of the northerly line of Dyckman street, formerly known as Dyckman and Inwood streets, under authority of chapter 360 of the Laws of 1883, and chapter 185 of the Laws of 1885," made by the Board of Street Opening and Improvement of the City of New York, and filed by said Board on or about the 28th day of January, 1889, in the office of the Register of the City and County of New York, and more particularly set forth in the petition of the Board of Street Opening and Improvement, filed in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (August 5, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 13th day of September, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 5, 1893.

MILLARD R. JONES, Chairman,
JOHN H. JUDGE,
THOMAS F. GILROY, Jr.,

Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Counsel to the Corporation of the City of New York, upon the written request of the Department of Public Parks of the said City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, to acquire title to certain lands, property, rights, terms, easements and privileges necessary to be acquired for a public driveway, pursuant to the provisions of chapter 102 of the Laws of 1893, entitled "An Act to lay out, establish and regulate a public driveway in the City of New York."

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, George C. Coffin, Matthew Chalmers and Henry Hughes, were appointed Commissioners of Estimate and Assessment under the provisions of chapter 102 of the Laws of 1893, by an order of the Supreme Court duly made and filed in the office of the Clerk thereof in the City and County of New York on the 25th day of May, 1893.

That we have severally duly taken and subscribed the oath required by section 5 of said chapter 102 of the Laws of 1893, which said oath so taken and subscribed as aforesaid was duly filed in the office of the Clerk of the City and County of New York on the 1st day of June, 1893.

A brief statement of the purposes for which we have been appointed is as follows:

We are to ascertain the compensation to be made to all parties and persons interested in the real estate taken for a public driveway in the City of New York, under and pursuant to said chapter 102 of the Laws of 1893, which said public driveway, as shown and delineated and more particularly set forth in the petition of the Counsel to the Corporation of the City of New York, duly filed on the 25th day of May, 1893, in the office of the Clerk of the City and County of New York, is bounded and described as follows: Commencing at a point on One Hundred and Fifty-fifth street in said city, at or near the intersection of said street and St. Nicholas place; thence in a general northeasterly direction to a point on the westerly shore of the Harlem river; thence in a general northerly direction on, along or near the said west shore of said Harlem river to connect with Dyckman street.

The said real estate so taken as aforesaid is embraced within the lines of said public driveway as duly laid out and established by the Department of Public Parks of the City of New York, as shown on three certain maps duly filed on or about the 4th day of April, 1893, one in the office of the Department of Public Parks of the City of New York; one in the office of the Register of the City and County of New York and one in the office of the Clerk of the City and County of New York.

All the parties, persons or claimants interested in the real estate taken for the purposes of said public driveway, or affected thereby, are hereby notified and required to present any claim or demand on account thereof to us, the undersigned Commissioners of Estimate and Assessment, duly verified with such affidavits or other proof in support thereof as the said parties and persons or claimants, so interested, as aforesaid, may desire, at our office, No. 51 Chambers street, in the City of New York, within thirty days after the date of this notice. We hereby set the 6th day of September, 1893, at 12 o'clock noon, at Room No. 3, at No. 51 Chambers street, in the City of New York, as the time and place, when and where the said parties and persons or claimants will be heard in relation thereto by us, as said Commissioners. And at such time and place and at such further or other time and place as we may appoint, we will hear such parties and persons or claimants, and examine the proofs submitted by them, or such additional proofs and allegations as may then be offered by such parties, persons or claimants, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, August 1, 1893.

GEO. C. COFFIN,
MATTHEW CHALMERS,
HENRY HUGHES,

Commissioners.

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 (wherever the same has not been heretofore acquired), for the use of the public, to the lands required for the opening of EAST ONE HUNDRED AND SEVENTEETH STREET (although not yet named by proper authority), from Prospect Avenue to Bristow street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by said Board.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us, at our office, No. 51 Chambers street (Room 4), in said city, on or before the 5th day of September, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 5th day of September, 1893, 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 our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 2d day of September, 1893.

Third—That the limits of our assessment for benefit include 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 southerly line of Boston road; easterly by a line parallel with, and distant 100 feet easterly from, the easterly line of Bristow street; southerly by the centre line of the block between Jennings street and East One Hundred and Seventeenth street, the prolongation of the centre line of said block easterly from the westerly line of Bristow street to its intersection with the aforementioned easterly boundary line and the prolongation of the centre line of said block westerly from the easterly line of Prospect Avenue to its intersection with a line parallel with, and distant 100 feet westerly from, the westerly line of Prospect Avenue, 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 street, at the County Court-house, in the City of New York, on the 19th day of September, 1893, at the opening of the Court on that day, and that then and there, or as soon there-

after as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, July 24, 1893.

JOHN E. WARD, Chairman,
THOMAS J. MILLER,
JACOB P. SOLOMON,

Commissioners.

CHARLES V. GABRIEL, 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 FIFTY-FOURTH STREET, from Tenth Avenue to the bulkhead-line, Hudson river, in the Twenty-second Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, have been appointed, by an order of the Supreme Court, duly made and entered in the above-entitled matter, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of the opening of that certain street or avenue, known and designated as Fifty-fourth street, extending from Tenth Avenue to the bulkhead-line of the Hudson river, in the Twenty-second Ward of the City of New York, and the acquisition of title by the City to the land included within the lines of such street or avenue, as the same was laid out by the Board of Street Opening and Improvement of the City of New York and shown and delineated on certain maps made by the said Board of Street Opening and Improvement under authority of chapter 290 of the Laws of 1871, chapter 872 of the Laws of 1872, chapter 335 of the Laws of 1873, chapter 410 of the Laws of 1882, chapter 17 of the Laws of 1884, chapter 183 of the Laws of 1885 and chapter 406 of the Laws of 1888, and filed in the office of the Department of Public Works on the 21st day of November, 1888, and in the office of the Counsel to the Corporation on the 20th day of November, 1888, and more particularly set forth and described in the petition of the Board of Street Opening and Improvement and in the order appointing us Commissioners, which said petition and order are now on file in the office of the Clerk of the City and County of New York; and for the purpose also of making a just and equitable estimate and assessment of the value of the benefit and advantage of such street or avenue, so to be opened, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the respective lands, tenements, hereditaments and premises not required for the purpose of opening said street or avenue, but deemed by us to be benefited thereby, and for the purpose of executing the trusts and duties imposed upon us as such Commissioners by title 5 of chapter 16 of the Laws of 1882, entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and by such acts or parts of acts as relate to or prescribe our duties as such Commissioners, passed subsequent thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of the opening of the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same to us, duly verified, with such affidavits or other proof as the owners or claimants may desire, at our office, No. 200 Broadway (fifth floor, Room 25), in the City of New York, within thirty days after the date of this notice (July 15, 1893). And we, the said Commissioners, will be in attendance at our said office on the 12th day of September, 1893, at 2 o'clock of that day, to hear the said parties and persons in relation thereto. And at such time and place, or at such further or other time and place as we may appoint, we will hear such owners and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may be then offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, July 15, 1893.

MICHAEL J. SCANLAN,
LAMONT MCLOUGHLIN,

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 FIFTH STREET, between Riverside Avenue and the Boulevard, 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 all persons interested in this proceeding and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 4), in said city, on or before the 24th day of August, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 24th day of August, 1893, 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 our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 23d day of August, 1893.

Third—That the limits of our assessment for benefit include 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 One Hundred and Fifth street and One Hundred and Sixth street, from Riverside Avenue to the Boulevard; easterly by the westerly line of the Boulevard; southerly by the centre line of the blocks between One Hundred and Fourth and One Hundred and Fifth streets, from the Boulevard to Riverside Avenue, and westerly by the easterly line of Riverside Avenue, 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 street, at the County Court-house, in the City of New York, on the 8th day of September, 1893, 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, July 10, 1893.

JAMES MITCHELL, Chairman,
THOMAS J. MILLER,
BENJAMIN PERKINS,

Commissioners.

MATTHEW P. RYAN, Clerk.

THE CITY RECORD.

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W. J. KENNY,

Supervisor.