

DOCUMENTS

OF THE

BOARD OF COMMISSIONERS

OF THE

Department of Public Parks

FOR THE

YEAR ENDING APRIL 30th, 187~~7~~ *1/*



NEW YORK:

EVENING POST STEAM PRESSES, 41 NASSAU STREET, CORNER LIBERTY.

187~~7~~ *1/*

Document No I

Board of the
Department of Public Parks
May 6 1870

Commissioner Green presented a
certified copy of, "An act in
relation to regulating and grading
the Eighth Avenue, in the City
of New York," passed May 3.
1870

Ordered, that said act be
laid on the table and printed
in document form

J. E. M. Van Vorst
Clerk

The above is a true copy of
the original Fred C. Hedges

Chap. 593.

AN ACT in relation to regulating and grading the Eighth avenue, in the City of New York.

Passed May 3, 1870; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. The Eighth avenue, from Fifty-ninth street to One Hundred and Twenty-second street, shall be regulated, graded, and improved, according to the grades as established by chapter six hundred and thirty-two of the laws of eighteen hundred and sixty-six, as amended by chapter five hundred and eighty of the laws of eighteen hundred and sixty-seven, except that such grades north of Ninety-second street are hereby modified and changed so that the said avenue, north of said street, shall be graded and regulated as follows: Commencing at the intersection of the central line of Ninety-second street with the centre line of the Eighth avenue, at an elevation of one hundred and fifteen feet above the high-water line, and running thence in a straight line along the centre line of said avenue to the intersection of the centre line of One Hundredth street, at such rate of descent as to intersect the same at an elevation eighty-three feet above the high-water line; thence, on a level line along the centre line of said avenue to the intersection of the centre line of One Hundred and Fifth street; thence, on a straight line along the centre line of said avenue to the intersection of the centre line of One Hundred and Tenth street, at such rate of descent as to intersect the same at an elevation fifty feet above the high-water line, and thence on a straight line along the centre line of said avenue to the intersection

Regulating, grading, and improving Eighth avenue, from 59th street to 122d street.

Commissioner of Public Works to regulate and grade the Eighth avenue.

of the centre line of One Hundred and Twenty-second street, at such rate of descent as to intersect the same at an elevation twenty-five feet three inches above the high-water line; and the Commissioner of Public Works shall forthwith proceed to grade and regulate the said avenue according to the grade so established as hereby changed and modified, and shall, within sixty days after the passage of this act, make contracts for such work in the manner directed by said chapter six hundred and thirty-two as so amended, and all the provisions of said chapter six hundred and thirty-two as so amended, and also the provision in chapter eight hundred and fifty-three of the laws of eighteen hundred and sixty-eight relative to the grade of the Eighth avenue, are hereby continued and applied to the said grade as hereby changed and modified, except that the several chapters aforesaid are hereby amended by striking out the words "Street Commissioner" wherever they occur, and inserting in place thereof the words "Commissioner of Public Works," and also by striking out the words "Commissioners of the Central Park" wherever they occur, and inserting in place thereof the words "Commissioners of Public Parks;" and except that the second and third sections of the said chapter six hundred and thirty-two as so amended are hereby repealed. The Commissioner of Public Works shall have power, within six months from and after the passage of this act, to change the grade between the Eighth and Ninth avenues of any streets intersecting the Eighth avenue, between Fifty-ninth street and One Hundred and Twenty-second street, in such manner as will best make such grades conform to the grade of the Eighth avenue, and a map or profile showing such grades as so changed, certified by the said Commissioner, shall, within the said six months, be filed in the office of the Comptroller of the City of New York.

Commissioner of Public Works to change intersecting grades, between Eighth and Ninth avenues.

SEC. 2. This act shall take effect immediately.

DOCUMENT No. 2.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

MAY 6, 1870.

Commissioner GREEN presented a certified copy of "An act to alter the map or plan of the City of New York," passed March 3, 1870.

Ordered, That said act be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

Chap. 44.

AN ACT to alter the map or plan of the city of New York.

Passed March 3, 1870; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

SECTION 1. All that part or portion of One Hundred and Thirty-sixth street, in the city of New York, as laid down on the map made by the commissioners appointed by an act entitled "An act relative to improvements touching the laying out of streets and roads in the city of New York, and for other purposes," passed April third, eighteen hundred and seven, lying between the easterly line of the new road or drive authorized to be and actually laid out by and under and pursuant to chapter five hundred and sixty-five of the laws of eighteen hundred and sixty-five, and the centre line of the Bloomingdale road as it existed at the time of the enactment aforesaid, is hereby declared to be and is made a public street of the same width and dimensions as fixed by the said commissioners in and by their said map.

SEC. 2. The commissioners of the central park are hereby authorized and directed, immediately upon the passage of this act, to apply, on behalf of the mayor, aldermen, and commonalty of the city of New York, to the supreme court in the first judicial district, for the appointment of commissioners of estimate and assessment for the opening of said part or portion of said One Hundred and Thirty-sixth street mentioned in the first sec-

tion of this act, and all laws applicable to the opening of streets or avenues in said city, and the acquisition of title to the same now in force, shall apply to all proceedings in regard to the opening and acquiring title to said part or portion of said One Hundred and Thirty-sixth street.

SEC. 3. This act shall take effect immediately.

STATE OF NEW YORK,
OFFICE OF THE SECRETARY OF STATE. } ss:

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom and of the whole of said original law.

HOMER A. NELSON,
Secretary of State.

DOCUMENT No. 3.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 6, 1870.

Commissioner HILTON, from the Executive Committee, in conformity with a resolution, adopted May 3, 1870, reported a detailed inventory of the property under the control of the Department, and in possession of the employés on the Central Park, Boulevard, and Sixth avenue.

Ordered, That said report be laid on the table and printed in document form.

GEORGE M. VAN NORT,
Clerk.

DEPARTMENT OF PUBLIC PARKS.

INVENTORY OF PROPERTY ON THE CENTRAL PARK, BOULEVARD, AND SIXTH AVENUE.

MAY 2, 1870.

METEOROLOGICAL DEPARTMENT.

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|---|--------------------------------------|
| 5 Self-registering instruments— | 3 Arm-chairs. |
| Force of wind. | 1 Desk. |
| Velocity of wind. | 2 Drawing-boards and horses. |
| Direction of wind. | 1 Eight-day time clock. |
| Rain-gauge. | 1 Wooden stool. |
| Barometer and thermometer. | 1 Lathe and set of tools. |
| 1 Hough's registering barometer (broken). | 1 Small grind-stone. |
| 1 Renault's hydrometer. | 1 Ovate stove. |
| 1 Hydrokeik. | 1 Set record books—69 and 70. |
| 1 Rain-gauge. | 1 Square lantern. |
| 1 Green's anemometer. | 1 Printing press. |
| 1 Western Union Telegraph (complete). | 1 Fire screen. |
| 1 Spy-glass. | 1 Paper basket. |
| 1 Photographic lens. | 1 Spittoon. |
| 1 Glue-pot. | 1 Barometer scale. |
| 1 Round table. | 1 Map—Central Park. |
| 1 Square table. | 17 Small picture frames. |
| 3 Cane-bottom chairs. | 1 Horse-shoe magnet. |
| | 2 Eight-day clocks, for instruments. |

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|-----------------------------|---------------------------------|
| 1 Broom. | 16 Sheets plate glass. |
| 1 Coal scuttle. | 1 Glass nitrate of silver bath. |
| 1 Dust pan. | 1 Porcelain dish. |
| 1 Feather duster. | 6 Sun dials. |
| 1 Standard barometer | 1 Cutting diamond. |
| 1 Common barometer. | 1 Lot photographic paper. |
| 4 Thermometers. | 1 Set melanotype plates. |
| 3 Registering thermometers. | 1 Sponge. |
| 2 Scales and weights. | 1 Compass needle. |
| 3 Funnels. | 1 Spirit level. |
| 6 Graduates. | 1 Lot filtering paper. |
| 6 Vulcanite trays. | 1 Set photographic chemicals. |
| 2 Shade jars. | 1 Lot glass tubing. |
| 6 Evaporating dishes. | 1 Pestle and mortar. |
| 2 Silver glass reflectors. | 1 Lot empty bottles. |

STUDIO.

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|-------------------------------|--------------------------|
| 1 Stove. | 1 Table. |
| 4 Water pails. | 1 Dust brush. |
| 3 Earthen dishes. | 6 Paint brushes. |
| 1 Chest. | 1 Map—State of New York. |
| 1 Shovel. | 14 Maps—London Parks. |
| 1 Coal scuttle. | 100 Sign boards. |
| $\frac{1}{2}$ Barrel plaster. | 1 Lot sample tile. |
| 2 Barrels pipe clay. | 1 Plaster cast. |

STORE ROOM.

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|--------------------|--------------------------------|
| 2 Mason hoes. | 1 Striking hammer. |
| 2 Tripods. | $\frac{1}{2}$ Gross lamp wick. |
| 8 Scuffle hoes. | 1 Wooden ice ball. |
| 2 Straw bee hives. | 1 Roll matting. |
| 3 Map racks. | 1 Bale oakum. |

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|-------------------------|---------------------------------|
| 8 Balls twine. | 1 Carpenter's bench. |
| 1 Hand hammer. | 1 Lot stove pipe. |
| 1 Water pot. | 2 Banner poles. |
| 1 Sun-dial. | 1 Bird cage. |
| 2 Old copper locks. | 1 Long handle shovel. |
| 1 Lot old files. | 18 Fire buckets. |
| 1 Set sleigh bells. | 2 Old water-closet traps. |
| 4 Neck straps. | 2 Small trucks. |
| 3 Dog chains. | 1 Lot bronze fountain castings. |
| 1 Fly net. | 1 Bronze fountain, Boy & Swan |
| 3 Spades. | 2 Standard measuring rods. |
| 1 Road hammer. | 1 Lot picture frame moulding. |
| 2 Pairs trace chains. | 3 Corn brooms. |
| 1 Mapping chain. | 1 Light of glass. |
| 1 Tin map case. | 1 French street lamp. |
| 1 Wash basin. | 1 Lot wrapping paper. |
| 1 Engineer's chain. | 3 Great gross matches. |
| 1 Set old harness. | 1 Garden sprinkler. |
| 2 Boxes brown soap. | 1 Feather duster. |
| 10 Lanterns (four old). | 1 Whitewash brush. |
| 7 Fountain baskets. | 10 Pounds of borax. |
| 2 Coal scuttles. | 2 Plaster casts (Irish elks). |
| 3 Fire shovels. | 1 Mould (stone idol). |
| 14 Mops. | 1 Broken measuring-rod. |
| 3 Ruby lanterns. | 1 Ladder. |
| 1 Oil can. | 1 Settee. |
| 2 Base burning stoves. | 4 Silver globes. |

MUSEUM.

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| 1 Lot military equipments. | 1 Model of church. |
| 2 Stone idols. | 2 Maps of upper end of Island. |
| 2 Plans of Central Park maps. | 1 Old newspaper, framed. |

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|---|--|
| 1 Specimen of amethyst. | 1 Lot of Egyptian curiosities. |
| 6 Skulls of animals. | 1 Map of Central Park. |
| 13 Jars, specimens in alcohol. | 1 Model of a steamship. |
| 1 Thermometer. | 1 Chart, flags of Japan. |
| 1 Dozen signs. | 3 Pieces of sponge (petrified). |
| 1 Dozen fire-buckets. | 1 Plan for Central Park and
glass case. |
| 5 Drawings of terrace. | 2 Glass cases containing birds. |
| 2 Oil paintings. | 3 Old cannon. |
| 1 Oil color. | 3 Old shell. |
| 1 Topographical map of Central
Park. | 41 Photographic views. |
| 2 Lithographs (pictures). | 2 Large gilt frames containing
portraits. |
| 1 Meteorological bulletin. | 1 Bronze cast (fireman). |
| 6 Set deer-horns. | 1 Fireman's certificate. |
| 2 Pieces petrified wood. | 1 Glass case containing engine,
cap, and trumpet. |
| 1 Tooth of walrus. | 12 Prepared specimen of deer. |
| 1 Australian Boomerang. | 81 Prepared specimen of ani-
mals. |
| 1 Jaw of shark. | 60 Prepared specimen of birds. |
| 3 Canoes. | 1 Lot of beaver cuttings. |
| 1 Skeleton of whale. | 1 Skin of ant-eater. |
| 1 Lot Bedouin clothes. | 1 Bird's nest. |
| 1 Lot of shoes. | |
| 1 Piece of coral. | |
| 1 Lot of minerals. | |

ZOOLOGICAL DEPARTMENT.

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|-------------------|----------------------|
| 1 Woodchuck. | 1 Spotted cavy. |
| 1 Rasse. | 1 Wildcat. |
| 1 Malayan bear. | 7 Squirrels. |
| 8 Black bears. | 2 Prairie dogs. |
| 2 Grizzly bears. | 2 Marmosets. |
| 2 Cinnamon bears. | 1 White face monkey. |

- 2 Green monkeys.
- 1 Moongus.
- 4 Guinea pigs.
- 1 Opossum.
- 2 Agoutis.
- 7 White mice.
- 4 Ferrets.
- 2 Pumas.
- 1 Leopard.
- 3 Coatimundi.
- 4 Cape buffaloes.
- 4 Flores cows.
- 1 Flores calf.
- 1 Flores bull.
- 1 Zebu.
- 3 Angora goats.
- 2 Chinese goats.
- 1 Domestic goat.
- 1 Angola sheep.
- 130 Southdown sheep.
- 103 Southdown lambs.
- 1 Greyhound.
- 3 Red foxes.
- 2 Collared peccarys.
- 1 White-lipped peccary.
- 1 Chinese pig.
- 1 Japanese pig.
- 2 Prairie wolves.
- 1 Beaver.
- 2 Musk rats.
- 7 Small alligators.
- 5 Raccoons.
- 1 Bison.
- 1 Red-breasted pigeon.
- 1 Kestrel.
- 1 Chipping-sparrow.
- 1 Domestic sparrow.
- 2 Purple gallinules.
- 1 California quail.
- 6 Common quails.
- 3 Ring doves.
- 1 Toucan.
- 1 Robin.
- 4 Red-breasts.
- 2 Parroquets.
- 1 Parrot.
- 2 Cockatoos.
- 4 Rheas.
- 51 Owls.
- 2 Hawks.
- 20 Eagles.
- 3 Venezuela pheasants.
- 1 English pheasant.
- 1 Silver pheasant.
- 2 White pheasants.
- 2 Chinese fowls.
- 2 Hybrid fowls.
- 1 Topnot fowl.
- 2 Bantam fowls.
- 2 Domestic fowls.
- 1 Bearded vulture.
- 1 Canary bird.
- 1 Blackbird.
- 2 Thrushes.

- 4 Rattlesnakes.
 2 Yellow snakes.
 1 Boa constrictor.
 2 Black swans.
 45 White swans.
 1 Wood duck.
 1 Domestic duck.
 5 Canada geese.
 1 White stork.
 1 English heron.
 2 Brazilian herons.
 32 Pea fowl.
 38 Guinea fowl.
 22 Virginia deer.
 1 Axis deer.
 4 American elk.
 2 Swarms of bees.
 30 Small feed boxes.
 6 Large feed boxes.
 1 Lion's cage and trough.
 8 Medium-size cages.
 3 Large size cages.
 2 Small iron cages.
 4 Upright cages.
 2 Large snake boxes.
 2 Small snake boxes.
 4 Box cages.
 13 Small bird cages.
 1 Monkey cage.
 5 Large bear cages.
 1 Trap cage.
 4 Small cages.
 1 Wire screen.
 1 Wheelbarrow.
 1 Manure fork.
 3 Rakes.
 1 Manure box.
 2 Large ovate stoves and pipe.
 6 Wooden steps.
 1 Small map of Central Park.
 107 Small signs.
 2 Thermometers.
 3 Dozen brass padlocks.
 18 Fire buckets.
 1 Ice box.
 2 Shifting boxes.
 2 Cattle tedders.
 20 Swan's feed boxes.
 1 Camel's harness.
 1 Camel's saddle.
 1 Arab's dress.
 1 Platform scale.
 1 Ounzel scale.
 3 Meat knives.
 1 Steel.
 1 Meat saw.
 1 Hand saw.
 1 Milk pail.
 2 Rat traps.
 1 Shovel.
 1 Crowbar.
 1 Pick.
 1 Old furnace and boiler.
 1 Fire shovel.

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| 5 Lengths rubber hose. | 3 Wooden water pails. |
| 2 Zinc water pails. | 60 Earthen dishes. |
| 2 Coal scuttles. | 6 Tin dishes. |

PLUMBER'S SHOP.

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| 1 Rolling machine. | 2 Hammers. |
| 1 Edging machine. | 1 Vise. |
| 2 Bead horns. | 1 Metal pot. |
| 1 Set stock and dyes. | 1 Dresser and plyers. |
| 1 Set gas tongs. | 2 Soldering-irons. |
| 1 Snip. | 1 Furnace. |
| 1 Saw. | 1 Rasp. |
| 1 Square. | 6 Hydrant wrenches. |
| 1 Rivet set. | 1 Ladle. |
| 2 Wrenches. | 6 Cold chisels. |
| 2 Mallets. | |

PROPERTY CLERK'S OFFICE.

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| 2 Upright desks. | 1 Copying-press and table. |
| 4 Revolving chairs. | 4 Spittoons. |
| 7 Cane-seat chairs. | 2 Paper-baskets. |
| 3 Wooden chairs. | 1 Hammer. |
| 2 Upholstered chairs. | 1 Money-satchel. |
| 1 Stool. | 2 Drawings of terrace. |
| 6 Writing-tables. | 1 Map of Central Park. |
| 3 Movable closets. | 2 Maps of upper end of island. |
| 2 Herring's safes. | 2 Tables. |
| 1 Eight-day clock. | 1 Duster. |
| 1 Ovate stove and pipe. | 1 Carpet. |
| 2 Fire-screens. | 1 Long closet. |
| 1 Thermometer. | 4 Lithographic views (French
Park). |
| 1 Looking-glass. | |
| 1 Water-cooler. | 1 Map-stand. |

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|-----------------------------|---|
| 1 Call-bell. | 1 Lot of inkstands and writing materials. |
| 7 Books on Natural History. | 1 Roll of drawing-paper. |
| 1 Lot old directories. | 1 Small iron safe. |
| 1 Small lot of stationery. | |

PARK KEEPERS.

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|---|-----------------------------------|
| 2 Desks. | 1 Clothes-horse. |
| 3 Tables. | 1 Lantern. |
| 1 Letter box. | 1 Wash basin. |
| 1 Lot matting on floor. | 1 Oil can. |
| 8 Arm chairs. | 2 Coal scuttles. |
| 2 Benches. | 70 Overcoats. |
| 1 Bible. | 66 Overcoats, worn out. |
| 1 Annual report of Commissioners of Central Park. | 68 Body coats. |
| 1 Map of Central Park. | 68 Sack coats. |
| 1 Clock. | 70 Pairs pants. |
| 4 Spittoons. | 70 Caps. |
| 1 Water cooler. | 67 Panama hats, used two summers. |
| 1 Small stove. | 3 Round gate-keeper's boxes. |
| 2 Large stoves. | 3 Oblong gate-keeper's boxes. |
| 1 Book-case. | 7 Common gate-keeper's boxes |
| 1 Looking-glass. | |

STABLE IN ARSENAL.

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|------------------------|-----------------------|
| 2 Light wagons. | 4 Head stalls. |
| 1 Black mare. | 2 Old horse-blankets. |
| 2 Lap blankets. | 3 Boxes wagon-grease. |
| 1 Robe. | 1 Screw-wrench. |
| 2 Collars. | 1 Mane-comb. |
| 1 Circingle. | 2 Wagon-brushes. |
| 1 Currycomb and brush. | |

LADIES' COTTAGE No. 1--RAMBLE.

6 Wooden chairs.	1 Brush.
1 Mat.	1 Waterpail.
1 Oilcloth.	1 Comb and brush.
1 Looking-glass.	1 Stove.
3 Towels.	4 Window-shades.
1 Broom.	1 Map Central Park.

LADIES' COTTAGE No. 2--ON LAKE.

1 Ovate stove.	4 Cane-seat chairs.
1 Poker.	5 Window-shades.
1 Coal scuttle.	1 Wooden screen.
1 Oilcloth.	1 Looking-glass.
4 Wooden settees.	1 Map Central Park.
2 Mats.	1 Lot gas-fixtures.

GENTS' COTTAGE, No. 1--RAMBLE.

3 Wooden chairs.	1 Dustpan.
1 Matt.	2 Towels.
6 Spittoons.	1 Looking-glass.
1 Brush.	1 Blacking-brush.
1 Broom.	1 Map Central Park.
1 Mop.	

GENTS' COTTAGE, No. 2--NEAR CASINO.

1 Screen.	1 Rake.
1 Mat.	1 Shovel.
1 Broom.	

CROQUET COTTAGE.

1 Oilcloth.	6 Chairs.
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LADIES' ROOM—CASINO.

1 Marble-top table.	1 Coal-scuttle.
6 Chairs.	1 Map of Central Park.
1 Oilcloth.	

CHILDREN'S COTTAGE.

2 Mats.	4 Towels.
1 Oilcloth.	1 Pail.
12 Wooden chairs.	1 Broom.
1 Base-burning stove.	

MOVABLE BUILDINGS.

Cover for music pavilion.	Chair house (lake).
Large skate building for lake— refreshment building.	Skate building “ Refreshment saloon building (pond).
Curler's building.	Gents' cottage (pond):
Gents' cottage (lake).	Ladies' cottage “
Round-house (lake), Captain's office.	Steam roller house.
Lookout building (lake).	10 portable panels for archways in terrace.
Tool-room “	

CARPENTER-SHOPS.

4 Grind stones (2 worn out).	1 Pit saw.
2 Vises.	1 Broad axe.
2 Stoves.	2 Stoves.
8 Carpenter's benches.	1 Desk.
1 Partially-finished truck.	5 Bench screws.
2 Partially-finished water- trucks.	1 Small scale and weights.
16 Stone boats.	1 Monkey-wrench.
2 Cross-cut saws.	3 Thumb-screws.
	1 Sawing-machine.

PALEOZOIC MUSEUM.

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| 1 Bellows and fixtures. | 1 Set of moulds for Hydrosaurus. |
| 1 Anvil. | |
| 1 Vise. | 1 Set of moulds for Hydrosaurus, reclining. |
| 1 Furnace and melting pot. | 1 Cast, partial skeleton of Laelaps. |
| 1 Ovate stove. | 1 Set moulds for skeleton of Laelaps. |
| 2 Shovels. | 7 Plaster casts of animals. |
| 1 Screw wrench. | 24 Prepared specimens of birds. |
| 2 Water pails. | 12 Skeletons of animals. |
| 2 Tin pans. | 2 Models for zoölogical garden. |
| 2 Earthen dishes. | 1 Wash stand, pitcher and basin. |
| 3 Chairs. | |
| 1 Table. | |
| 4 Wooden horses. | |
| 1 Cast, skeleton of Hydrosaurus. | |

DERRICKS.

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|--------------------------------|---------------------|
| 3 Setting derricks. | 1 Cat head derrick. |
| 2 Boom derricks, full-rigged. | 1 Derrick drum. |
| 1 Boom derrick, mast and boom. | 2 Derrick masts. |
| 1 Truck derrick. | 3 Derrick booms. |
| 1 Hand wheeled derrick. | 1 Lot wire guys. |
| 1 Four legged derrick. | 1 Block and fall. |

STABLE, SEVENTY-NINTH STREET AND MT. ST. VINCENT.

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|----------------------------|-----------------------------------|
| 8 Horses. | 2 Sets double harness. |
| 1 Old horse unfit for use. | 5 Sets single harness. |
| 1 Express wagon. | 2 Pairs Scotch hames. |
| 1 Light wagon. | 1 Riding saddle. |
| 1 Lantern. | 1 Harness, saddle, and breeching. |

2 Cart saddles and breeching.	4 Headstalls.
1 Pair leather traces and hames.	1 Hay cutter.
4 Old blankets.	1 Feed-box.
4 Girths.	1 Shovel.
10 Halters.	2 Pails.
1 Pair blinds and lines.	2 Wheeljacks.

PAINT SHOP.

32 Paint brushes.	1 Palette knife.
18 Oil cans, assorted sizes.	14 Paint pots.
2 Sanders.	2 Paint pots, large.
1 Glazier's diamond.	1 Sticking horse.
1 Muller.	2 Step ladders.

STATUARY ROOM, MOUNT ST. VINCENT.

1 Cast, model of Washington Monument.	1 Bust, Josiah Quincy.
2 Casts, State Arms.	1 " Entombment.
1 Cast, Dancing Jenny.	1 " Archbishop Hughes.
1 " Dancing Boy.	1 " Prince of Wales.
1 " Indian Woman.	1 Cast, Orpheus.
1 " Indian Chief.	1 " Schoolmaster.
1 " Indian Hunter.	1 " James Otis, large.
1 " Indian Grave.	1 " Peri.
1 " Apollo & Diana, small.	1 " Babes in the Wood.
1 " School Boys.	1 " Broken Tamborine.
1 " Jefferson, majestic.	1 " Hebe.
1 " Henry, majestic.	1 " Liberty.
1 " Cupid.	1 " Angel.
1 " Sheafwheat.	1 " Dying Indian Girl.
1 " Ganymede and Hebe.	1 " Warrior.
1 " Beethoven, large.	1 " Truants.
	1 " Boy Playing Marbles.

1 Cast, Woodsman.	2 Casts, Monuments to Mr.
1 " Flora.	Binney.
1 " Adam and Eve.	1 Cast, Monument to Burd
1 " Herodias.	Family.
1 " Hunting Boy.	36 Casts, Sketches.
1 " Machinist.	8 Round Bas Reliefs.
1 " Aurora.	8 Square Bas Reliefs.
1 " Raffaello.	1 Marble statute, Boy and Dog.
1 " David.	1 Cast, Stump of Tree.
1 " Merchant.	1 Bronze statue of Eve.
1 " Mercury and Psyche.	1 Marble statue of Columbus.
1 Cast, History and Justice.	1 Map of Central Park.

ROLLERS, WATER-TRUCKS, WAGONS, CARTS, &C.

	MANNING.	HODGES.	ANDREWS.	TOTAL.
Water-trucks	4	3	2	9
Water-barrels	6	2	10	18
Grass-carts	3	3	3	9
Hand-carts	6	5	9	20
Two horse-wagons	2	.....	1	3
One horse-wagon . . . . .	.....	1	2	3
Eight horse-rollers . . . . .	.....	.....	.....	2
Two horse-rollers	2	2	2	6
One horse-roller	1	1	.....	2
Hand-rollers	2	2	2	6
Road-scrapers	6	3	7	16
Dirt-carts	2	3	2	7
Horse mowing-machines	6	10	3	19
Hand mowing-machines	2	.....	.....	.....

ICE TOOLS.

83 Danger boards.	85 Snow scoops.
16 Ice horse scrapers.	12 Ice planes.
82 Ice man scrapers.	26 Glass lamps (large).

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|------------------------|-------------------------------------|
| 8 Glass lamps (small). | 6 Gutter snow plows. |
| 7 Sets chains. | 3 Large circular lanterns for lake. |
| 26 Lanterns. | 1 Large circular reflector. |
| 3 Walk snow plows. | |

ENGINEER'S DEPARTMENT.

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|---------------------------------|------------------------------------|
| 3 Tables. | 1 Lot wood mouldings for castings. |
| 3 Drawing boards and horses. | 1 Letter-box. |
| 4 Large presses for drawings. | 4 Levels. |
| 4 Desks. | 3 Transits. |
| 4 Zinc boxes for drawings. | 4 Levelling rods. |
| 3 Presses. | 7 Flag-poles. |
| 12 Chairs. | 8 Plumb bobs. |
| 1 Stove. | 4 Steel tapes. |
| 1 Coal-scuttle. | 5 Linen tapes. |
| 1 Shovel. | 3 Axes. |
| 1 Copying press. | 1 Saw. |
| 1 Wash stand, bowl and pitcher. | 4 Hatchets. |
| 2 Steel straight edges. | 2 Plane tables. |
| 1 Oil-lamp. | 1 Large transit. |
| 1 Large drawing board. | 2 Plane table bags. |
| 1 Standing desk. | 1 Tripod (extra). |

BOOKS IN BOTANICAL DEPARTMENT.

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| 8 Vols. Arboretum et Truticellum, by Loudon. | 1 Vol. Medical and Economical Botany, by Lindley. |
| 2 Vols. Cours Elementaire Theorique et Pratique. | 1 Vol. Synopsis Coniferarum, by Endlicher. |
| 2 Vols. Flora Borealis Americana, by Hooker. | 2 Vols. Synopsis Germanicæ and Helveticæ. |
| 1 Vol. The Pinetum and Supplement. | 1 Vol. Die Kunstlichen Schul- und lutter-Baume. |
| 1 Vol. Der Garten, by Warmann. | |

BLACKSMITH'S TOOLS.

7 Vises.	3 Mandrills.
12 Anvils.	38 Wrenches.
1 Set spring tools.	1 Grindstone.
23 Fullers.	1 Brace and bits.
14 Wedges.	4 Key sets.
37 Chisels (cold).	3 Crosscut chisels.
17 Eye punches.	31 Files.
12 Pap wedges.	1 Platform scale.
7 Drills.	1 Portable forge.
2 Squares.	5 Jar planes.
30 Heading tools.	4 Set hammers.
22 Punches.	4 Heading tools.
7 Sets stock and dies.	11 Fire shovels.
1 Compass.	11 Fire pokers.
1 Caliper.	19 Water tubs.
12 Sledges.	2 Jack screws.
17 Hammers.	1 Saw.
10 Bellows (pairs).	1 Water pail.
87 Tongs.	1 Tire turner.
4 Screw wrenches.	1 Swedge block.

TOOLS.

36 Peen hammers.	117 Stone forks (75 unfit for use).
25 Scythes.	28 Manure forks.
6 Pruning shears.	303 R.R. picks (28 unfit for use)
15 Water-pots.	128 Wheelbarrows.
4 Tile picks.	64 Pick mattocks.
52 Paving hammers.	5 Hoes.
117 Spades (48 unfit for use.)	24 Garden rakes.
89 Scoop shovels.	

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| 727 Jumpers (38 too short for use). | 2290 Points and chisels (stone-cutters' tools). |
| 351 Hand-drills. | 156 Stone hammers (137 unfit for use). |
| 354 Crowbars (7 unfit for use). | 52 Iron rakes. |
| 170 Striking hammers (10 unfit for use). | 18 Pairs of blacksmiths' tongs. |
| 94 Hand hammers (9 unfit for use). | 6 Lewises. |
| 86 Road hammers. | 2 Files. |
| 221 Sledge hammers (38 unfit for use). | 945 Shovels (340 unfit for use). |
| 18 Tamping bars. | 7 Basin scoops. |
| 13 Pudling bars. | 2 Double wheelbarrows. |
| 30 Scrapers. | 3 Gravel-screens. |
| 9 Drill-boxes. | 1 Sand-screen. |
| 69 chains (5 unfit for use). | 1 Water-barrel. |
| 8 Needles. | 40 Hand-wheelbarrows. |
| 5 Hand-saws. | 27 Water-crooks. |
| 69 Wedges. | 10 Whiffletrees. |
| 37 Water-pails. | 16 Pairs of trace chains. |
| 4 Ropes. | 2 Pairs of clevises. |
| 54 Padlocks. | 36 Street-brooms. |
| 24 Tool carts. | 3 Scuffle-hoes. |
| 9 Sand-houses. | 20 Pruning-knives. |
| 3 Runners. | 16 Pruning-saws. |
| 45 Lanterns. | 9 Round-ladders. |
| 7 Round-headed bars. | 2 Step-ladders. |
| 14 Axes. | 2 Double ladders. |
| 7 Powder cans. | 35 Drain-shovels. |
| 1 drawing-knife. | 11 Drain-picks. |
| 2 Funnels. | 6 Stone-picks. |
| 1 Pitching tool. | 8 Pulley-blocks. |
| | 103 Drain-spades. |

MATERIALS ON HAND.

1000 Feet chestnut lumber.	25 Feet spruce floor-plank.
1 Watering-pot	500 Turning-strips.
12 Watering-cups.	1000 Feet oak stake stuff.
60 Files.	60 Dressed boards.
24 Wheelbarrow-trays.	1 Lot iron, assorted sizes, 6 tons.
10 Barrels of lime.	1 Lot blacksmith's coal, 4 tons.
3 Man-hole frames and covers.	1 Lot stove coal, 2 tons.
4 Walk-boxes and covers.	1 Lot steel, 100 lbs.
1 Gravel-screen.	2 Barrels sperm oil (one damaged).
1 Lot of cedar.	$\frac{1}{2}$ Barrel coal-oil.
2 Tool-carts.	500 Pounds whitelead.
4 Horse-rasps.	1 Barrel boiled oil.
2 Half coils of new rope.	10 Gallons raw oil.
4 Dozen new handles.	8 Gallons turpentine.
12 Gross screws, assorted sizes.	1 Lot assorted paints, value \$117.
350 Carriage-bolts.	1 Lot glass, assorted sizes, value \$70.
300 Washers.	5 Gallons varnish.
4 Bull-rings.	6 Bundles wire.
12 Dozen hooks and eyes.	2 Dozen street-brooms.
2 Registers.	2 Dozen scythe-stones.
28 Kegs of nails.	10 Dozen scythe rifles.
10 Pairs butts.	1 sack of salt.
1 Lot of cedar.	
500 feet $1\frac{1}{4}$ -in. pine.	
1000 feet 1-in. pine.	
300 Feet $\frac{1}{2}$ -in. pine.	
300 Feet of ash.	

MISCELLANEOUS.

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|--------------------------------------|--|
| 20 Hogsheads of salt for drives. | 2 Boxes containing granite columns for fountain. |
| 1 Programme stand. | 30 Cast iron lantern brackets. |
| 60 Iron base-ball bases. | 1 Steam roller. |
| 10 Wooden water coolers. | 1 Steam roller cover. |
| 1 Large iron sign board. | 1 Canoe. |
| 24 Common sign boards. | 1 Gondola. |
| 7 French awnings. | 1 Syrian boat. |
| 12 Small awnings. | 1 Row boat. |
| 1 Large awning. | 1 Small scow. |
| 12 Metal water coolers. | 1 Large scow, out of use. |
| 27 Tables for water coolers. | 1 Lot old iron shutters. |
| 35 Music stands. | 4 Straw beehives. |
| 35 Music chairs. | 2 Patent beehives. |
| 6 Pedestals. | 1 Lot old animal cages. |
| 5 Flag poles. | 1 Iron ladder for gate-house (lake). |
| 12 Reflectors (gas). | 1 Railroad truck. |
| 1 Lot gas pipe. | 1 Lot of horses and scaffolding at Belvidere. |
| 1 Lot skating signs. | 1 Old stove at Belvidere. |
| 21 Stoves. | 2 Water pumps. |
| 1 Lot stove pipe. | 1 Lot directing signs. |
| 1 Lot stove zinc. | 5 Road hydrants. |
| 2 Ladders. | 1 Syphon pipe. |
| 1 Stool. | 1 Water-closet cart. |
| 24 Water pails for music. | 1 Lot of blinds and window shutters from old church. |
| 1 Boiler or heater for conservatory. | 1 Old picket fence, from Public Drive. |
| 5 American ensigns. | 1 Temporary water-tank. |
| 2 Gonfalons. | |
| 1 Lot old scrap iron. | |
| 4 Pieces of croton pipe. | |

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|---------------------------------|----------------------------------|
| 3 Gate boxes (messenger boxes). | 1 Fountain basket. |
| 1 Iron kettle. | 1 Lot rubber hose (old). |
| 21 Lamp stands for lake. | 1 Patent single seat. |
| 1 Turnip cutter. | 1 Tin ice ball. |
| 2 Hay knives. | 1 Old hydrant. |
| 1 Large drain scoop. | 1 Lot drain pipe. |
| 16 Swings. | 1 Hand machine punch. |
| 1 See-saw. | 1 Lot chests, containing papers. |
| 2 Two-horse mowing - machines. | 3 Awnings. |
| 2 One-horse mowing - machines. | 24 Brass nozzles. |
| 1 Horse hay rake. | 6 Tons of hay. |
| 3 Stopcock keys. | 1 Lot sign boards. |
| 5 Dirt scrapers. | 1 Tin pump. |
| 1 Lot old syphon pipe. | 1557 Settees. |
| | 91 Wooden benches. |

HENRY HILTON,

Of the Executive Committee.

DOCUMENT No. 4.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 9, 1870.

The PRESIDENT presented a certified copy of "An act to alter the map or plan of a portion of the City of New York, and for the improvement of the same." Passed May 5, 1870; three-fifths being present.

On motion of Mr. FIELDS—

Ordered, That said act be laid on the table and printed in document form.

GEO. M. VAN NORT.

Chap. 626.

AN ACT to alter the map or plan of a portion of the city of New York, and for the improvement of the same.

Passed May 5, 1870; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. The department of public parks shall have and possess exclusive power to lay out and establish, of such width, extent and direction as to them shall seem most conducive to public good, a broad street or avenue, to be designated the "Eastern Boulevard" (or such other name as they shall determine), together with such other streets or avenues as shall be by them deemed proper to connect said boulevard with the Central Park and the East river, or otherwise, and also to widen or otherwise alter, retain or discontinue any avenues or streets now laid out or designated on the map or plan of the city of New York, and also to lay out and establish any public squares or places along the line and contiguous to said boulevard, or otherwise, and also to alter, amend and establish the grades of such new streets or avenues, and to alter or amend the present grades of any street, avenue or road that may be retained by them within that portion of the city of New York which is bounded as follows: Southerly by the northerly side of Fifty-seventh street; westerly by the westerly side of Fifth avenue, from Fifty-seventh street to One Hundred and Tenth street, and by the easterly side of Sixth avenue, from One Hundred and Tenth street to the Harlem river; northerly by the Harlem river; and easterly by the Harlem and East rivers.

SEC. 2. It shall be lawful for the said department, and for all persons acting under their authority, to enter in the day time into and upon all lands, tenements and hereditaments which they shall deem necessary to be surveyed, used or converted for the laying out, opening and forming of any such streets, avenues, roads, public places or squares ; and the said department shall, in all cases of laying out streets, avenues, roads, public places and squares, and in the establishment of grades, as in this act provided, cause to be made two similar maps or plans, showing the streets, avenues, roads, public squares and places, which they shall lay out, retain or alter, as aforesaid, showing the location, width and extent of the same, and also two similar maps or plans showing the grades that shall be amended or established by them for the streets, avenues, roads, public squares and places so laid out or retained by them, and the said maps or plans, when so made, shall be certified by one of the officers of the department of public parks, and one of said maps, showing the width, extent and location of the streets, avenues, roads, public squares and places so laid out, established and retained, and one of said maps showing the grades as so amended or established, shall be filed by such officer, and remain of record in the office of the department of public works of said city, and the other shall remain of record in the office of said department of public parks.

SEC. 3. The maps and plans, when made and filed as aforesaid, shall be final and conclusive, as well in respect to the mayor, aldermen and commonalty of the city of New York as in respect to the owners and occupants of lands, tenements and hereditaments within the boundaries aforesaid, and in respect to all other persons whomsoever, with the same intent and effect as if the same had been laid out and established by the commissioners appointed in and by the act entitled "An act relative to improvements touching the laying out of streets and roads in the city of New York,

and for other purposes," passed April third, eighteen hundred and seven; and all streets, avenues, roads, public squares, and places, and the grades therefor, heretofore laid out and established within the district mentioned in the first section of this act, which shall not be shown or retained on the maps to be filed by the department as before mentioned, shall, from and after the time of filing of said maps, cease to be or remain public streets, avenues, roads, squares, or places. And the abutting owners on such of said streets, avenues, and roads as have been opened or ceded, and as shall be abandoned or closed under the provisions of this act, shall become and be seized in fee simple absolute therein to the centre line thereof in front of his or their lands respectively, except where such streets, avenues, or roads shall, on said maps, have been retained or taken for other public use, but subject, however, to any existing right of the mayor, aldermen, and commonalty of the city of New York, to maintain and keep in order any sewer, Croton water aqueduct, or pipe, or the appurtenances thereof that may have been constructed in any street, avenue, or road so closed. All damage to any land, or to any building or other structure thereon, existing at the time of the passage of this act, or any street, avenue, or road laid out on the map of the city of New York within the district specified in the first section of this act, by reason of closing such street or altering the grade thereof, shall be ascertained and paid in the manner specified in sections three and four of an act entitled "An act to make permanent the grades of the streets and avenues in the city of New York," passed March fourth, eighteen hundred and fifty-two. And whenever said department of public parks shall deem it proper so to do, they may file maps, plans, or surveys in the manner before provided, showing the streets, avenues, and public squares or places which they have determined to lay out, abandon, close, or retain within any particular section of the district mentioned in the first section of this act, and of the grades

therefor; and from and after the filing of said maps as aforesaid, the powers of said department of public parks to lay out, widen, abandon, close, or alter any street, avenue, road, public square, or place within such section of said district, shall absolutely cease and determine.

SEC. 4. The department of public parks for and in behalf of the mayor, aldermen, and commonalty of the city of New York, are authorized to acquire title for the use of the public to any of the public squares and places, streets, avenues, or roads that may be laid out or retained by them under this act, whenever they shall deem it for the public interest so to do; and such department shall, for that purpose, make application to the supreme court, in the first judicial district, for the appointment of commissioners of estimate and assessment, specifying in such application the lands required for that purpose, and such proceedings to acquire title to such lands shall be had pursuant to such acts as shall then be in force relative to the opening of public squares and places, streets, avenues and roads in the city of New York, except that in such proceedings said department of public parks shall act in lieu and place of the mayor, aldermen, and commonalty of the city of New York; except, also, that the commissioners of estimate and assessment, who may be appointed as herein provided, may assess for such openings all such parties and persons, lands and tenements, as they may deem to be benefited by such improvements to the extent which such commissioners deem such persons, parties, lands, and tenements benefited thereby; and it shall be the duty of the counsel to the corporation of the city of New York to perform all the legal services required of him in the proceedings authorized by this act, without any additional compensation beyond the salary and allowances now provided by law; and the said eastern boulevard, and also all such public squares and places as shall

be laid out, altered, or retained by the department of public parks as aforesaid, shall, immediately after the same are laid out and opened, be and remain under the control and management of the department of public parks, as to the regulating, grading, paving, sewerage, and otherwise improving and maintaining the same.

SEC. 5. The comptroller of the city of New York is hereby authorized and directed to deposit to the credit of the department of public parks, with such bank or trust company as shall be designated by such department, such sums of money as said department shall from time to time require for payment for any work, services, or material furnished under any contract, proceeding, or otherwise for laying out, opening, regulating, grading, or otherwise improving any street, avenue, road, public square, or place, the construction or maintenance of which, by law, is or shall be under the direction, control, and management of said department of public parks, specifying on what particular work or proceedings said money is required; and, to enable said comptroller to raise such money and so deposit it, he is hereby authorized and empowered to borrow from time to time, in the name of the mayor, aldermen, and commonalty of the city of New York, by the issue of bonds bearing such rate of interest as he may deem proper, not exceeding seven per cent. per annum, such sum as shall be necessary to pay all expenses incurred or to be incurred as aforesaid; and, whenever such expenses or any part thereof is afterward collected by assessment from the property benefited by such work or works, the proceeds of such assessments, so to be laid and collected for each and every such work or works, are hereby pledged for the redemption of the bonds so to be issued, and the remainder or deficiency necessary for the redemption of said bonds, and the interest thereon, shall be certi-

fied by said comptroller to the supervisors of the county of New York as soon as the same shall be ascertained by him, and be by the said supervisors included and raised in the then next levy for annual taxes in the city and county of New York, and be applied to the final and full redemption of said bonds, and the interest thereon.

SEC. 6. All acts and parts of acts now in force in relation to the opening, widening, laying out, grading, regulating, sewerage, and otherwise improving streets, avenues, roads, public squares, and places in the city of New York, and the assessment and collection of the expenses for the same, which are not inconsistent with the provisions of this act, are hereby declared to be applicable to this act, the same as if they were incorporated herein.

SEC. 7. Nothing in this act contained shall be construed as in any way authorizing any interference with, or exercise of, any of the powers and duties now conferred by law or ordinance upon the department of public works or the commissioner thereof, in relation to the regulating, grading, paving, sewerage, curbing, guttering, or flagging of streets, roads and avenues, except as to said "Eastern Boulevard," and the public squares and places laid out or retained under this act, and the powers herein conferred upon said department of public parks shall be deemed only to extend to such "Eastern Boulevard," and public squares and places.

SEC. 8. This act shall take effect immediately.

STATE OF NEW YORK, }
Office of the Secretary of State, } ss:

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the whole of said original law.

Given under my hand and seal of office, at the city of
[L. s.] Albany, this sixth day of May, in the year one
thousand eight hundred and seventy.

D. WILLERS, JR.,

Deputy Secretary of State.

DOCUMENT No. 5.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 19, 1870.

A report was received from M. A. Kellogg, Engineer in charge of the Boulevard, in answer to a resolution of the Board as to furnishing a convenient roadway from Fifty-ninth street to One Hundred and Eighth street, during the present season.

Ordered, That said report be laid on the table and printed in document form.

GEO. M. VAN NORT,

Clerk.

CENTRAL PARK, May 13, 1870.

PETER B. SWEENEY, Esq.,

President, Board of Department of Public Parks:

SIR—In compliance with the resolution adopted by the Board of the Department of Public Parks on the 6th inst., "That the work on the Boulevard, west of the Central Park, be prosecuted with such additional efficiency as to furnish a convenient roadway (in connection with the Bloomingdale road, from Eighty-seventh to One Hundred and Sixth street,) from Fifty-ninth street to One Hundred and Eighth street, during the present season, and that the Engineer in charge of the work report what measures are necessary to carry this resolution into effect," I most respectfully submit the following report :

In order to give a clear understanding of what is to be done to carry into effect the work contemplated in the resolution, it will be necessary for me to report to the Board the present condition of the work, and in connection therewith, have caused a plan, showing the line of the Boulevard, and also of the old Bloomingdale road, from the Circle to One Hundred and Tenth street, to be made (and which is herewith enclosed), upon which the part colored deep red, with blue lines, shows the portion which is completed upon the Telford plan, except the finishing course of broken trap-rock and the rolling.

The light red shows the portion upon which the Telford pavement only is laid.

The light brown, the portion which is chiefly graded, and upon which the laying of the superstructure has not been commenced.

In making the estimate of quantities of material required, the work, in its present condition, divides it into four sections, viz.: From the Circle to Seventy-first street; from Seventy-first to Seventy-ninth street; from Seventy-ninth to Eighty-eighth street; and from One Hundred and Third to One Hundred and Ninth street. The estimates are prepared accordingly.

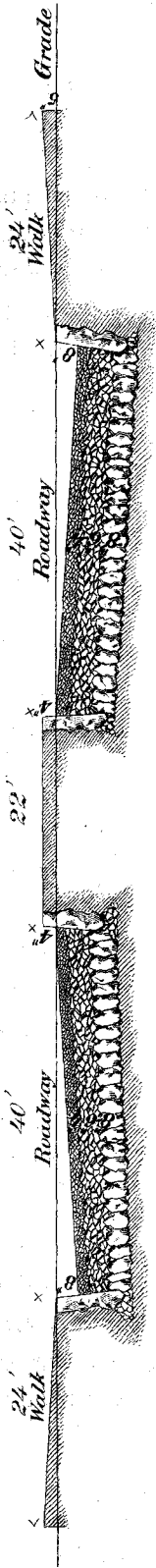
▼ FROM THE CIRCLE TO SEVENTY-FIRST STREET (AT INTERSECTION OF TENTH AVENUE).

The easterly half of this section is the only part for which I have received written instructions for the construction of the superstructure, which were as follows, viz.:

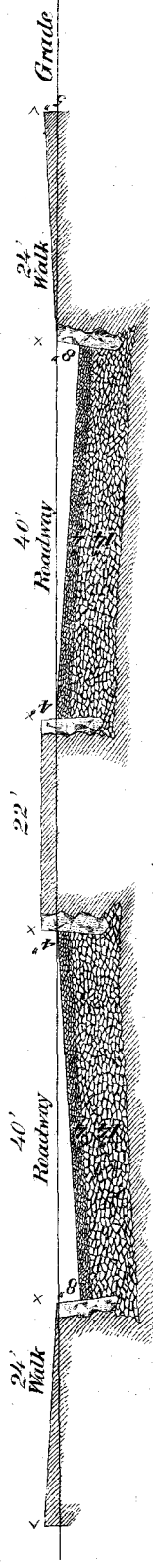
Sidewalks, 24 feet wide; two roadways of 40 feet in width each, with a strip of ground between the roadways 22 feet wide. The top of curb at sidewalks, at established grade, curbs along centre strip 4 inches above grade, finished surface of roadway 8 inches below the top of curb at sidewalks, and 4 inches below at centre strip. Roadway to be truly graded 18 inches below finished surface. The superstructure to be composed of 8 inches of Telford pavement, then 6 inches of hard gneiss, broken to a size to pass through a two-inch ring and to be well rolled, then surfaced with 4 inches of trap-rock, broken so as to pass a $1\frac{1}{2}$ -inch ring and thoroughly rolled and surfaced with a layer of gravel. (See accompanying sketch, marked "A.")

Upon this portion the curbs are set, the Telford pavement and broken stone of gneiss in place, and is now being rolled. The broken trap-rock for finishing is only required, viz.: 2,000 cubic yards trap-rock, broken to pass through a $1\frac{1}{2}$ -inch ring, and free from dust, and 250 cubic yards of fine gravel for surfacing.

TELFORD PLAN. A.



MC-ADAM PLAN. B.



FROM SEVENTY-FIRST STREET TO SEVENTY-NINTH STREET.

The superstructure of this portion is being laid in accordance with verbal instructions, upon the same plan as that south of Seventy-first street. The Telford pavement is laid, except a narrow strip left until the curb has been set as far as Seventy-seventh street, and the stone for the Telford to complete has been ordered. The materials required for this portion are as follows, viz. :

2,000 cubic yards broken stone of hard gneiss, to pass through a 2-inch ring.

1,350 cubic yards broken stone of trap-rock, to pass through a 1½-inch ring.

200 cubic yards fine gravel for surfacing.

4,000 lineal feet curb-stone, 20 inches deep, 5 inches edge.

96 pieces circular corners, from 2½ to 3 feet long, for which plans are to be furnished.

FROM SEVENTY-NINTH TO EIGHTY-EIGHTH STREET.

The grading of this portion is not entirely completed, but can be completed in advance of the superstructure so as to cause no delay; the half of the roadway to be finished first will have to be changed at Eighty-second street, from the west to the east side. No instructions have been given me for the superstructure north of Seventy-ninth street, and should be determined at once. All the materials for the superstructure must be procured from outside of the Boulevard, either by contract or from rock excavation from private property. If the latter course is pursued

(which would be the most expeditious) there are five lots at the corner of Eighty-fourth street and Tenth avenue which I was instructed in November last to examine and make an estimate of the quantities therein, which contain all the gneiss stone required for this section and would also supply a large quantity of filling, which is wanted, within five hundred to one thousand feet of the lots.

I have made an estimate of the quantities of material required upon the plan adopted south of Seventy-first street, and also upon making the roadway all of McAdam (see sketch marked B), and are as follows:

TELFORD PLAN.

2,500 cubic yards stone for Telford pavement.

2,400 cubic yards broken stone of gneiss, to pass through a 2-inch ring.

MC ADAM PLAN.

5,500 cubic yards broken stone of gneiss, to pass through a 2-inch ring.

REQUIRED FOR EITHER PLAN.

1,600 cubic yards broken stone of trap-rock, to pass through a 1½-inch ring.

200 cubic yards fine gravel for surfacing.

4,900 lineal feet of curb, 20 inches deep and 5 inches edge.

116 pieces curved corners, 2½ to 3 feet long, plans of which will be furnished.

FROM ONE HUNDRED AND THIRD TO ONE HUNDRED AND NINTH STREET.

On this portion the grading is nearly completed on the west side, except the rock excavation near One Hundred and Fourth street, which will be completed within four weeks.

If the road be constructed according to Plan B (all McAdam), the work can be commenced immediately, using the broken gneiss on hand, between One Hundred and Twentieth and Manhattan streets, of which there will be more than is required. This I should advise, as it will be very difficult to procure stone for Telford in that vicinity without opening a quarry for the express purpose. The materials required are as follows:

IF TELFORD.

1,700 cubic yards stone for Telford foundation.

1,600 cubic yards broken stone (gneiss), broken to pass through 2-inch ring (on hand One Hundred and Twentieth to One Hundred and Twenty-fifth street).

IF MC ADAM.

3,700 cubic yards broken stone (gneiss), to pass through 2-inch ring (on hand One Hundred and Twentieth to One Hundred and Twenty-fifth street).

REQUIRED FOR EITHER PLAN.

1,050 cubic yards broken stone (trap-rock) to pass 1½-inch ring.

150 cubic yards fine gravel for surfacing.

3,300 lineal feet curb, 20 inches deep, 5 inches edge.

78 pieces curved corners, from $2\frac{1}{2}$ to 3 feet long. (Plan to be furnished.)

The most immediate requirement for the rapid and economical prosecution of the work is the supply of broken stone of trap-rock, and gravel for the surfacing of the portion from the Circle to Seventy-first street. The curb for the part from Seventy-first to Seventy-ninth street, and at the same time the gneiss stone for breaking, required for the work from Seventy-first to Eighty-eighth street, should be provided, and the stone-breaking machine set up and put in working order at such point between Seventy-first and Eighty-eighth streets as may be most advantageous for the supply for the road from Seventy-first to Eighty-eighth street. The plan for the superstructure should also be immediately adopted, so that the work can be prosecuted from One Hundred and Third to One Hundred and Ninth street, and the curb ordered for the same.

The means required are a portable steam engine and boiler of sufficient power to drive the stone-breaker. The necessary repairs to the two seven-foot horse rollers used upon the Central Park, and four large water casks with fixtures, for wetting the McAdam while being rolled. Also two large locomotive headlights to be placed upon the steam roller, and another competent engineer employed, so that the steam roller can be kept at work at night.

With these facilities of materials and means, with such force of men and teams as the work shall require from time to time, I see no reason why, not only the portion of the boulevard contemplated in your resolution, but a much greater length of roadway may not be completed before the suspension of the work will be caused by the frost. I will here state for the informa-

tion of the Board, that during the last season I kept an accurate account of the cost of laying over 5,000 square yards of Telford pavement, which, with the cost of stone at \$1 per cubic yard delivered, was 65 cents per square yard. The cost of the same depth of McAdam, with the same price for the stone (\$1), and the present price paid for breaking, together with the hauling, spreading, wetting and rolling (which is not required for the Telford), I estimated will be 85 cents per square yard, but by breaking the stone by machine, I think the cost will be materially reduced.

The quantity of broken stone on hand, May 1st, is as follows viz. :

	CUBIC YDS.
Near Ninetieth street.....	300
Between Ninety-sixth and One Hundredth streets...	700
Between One Hundred and Nineteenth and One Hundred and Thirtieth streets.....	6,900
Between One Hundred and Thirty-third and One Hundred and Forty-second streets.....	5,100
Total.....	<u>13,000</u>

--and the number of men at present employed at breaking stone is about one hundred and thirty-six, at the rate of \$1.62 per cubic yard, and I estimate that the stone can be broken by machinery for less than \$1 per cubic yard.

Respectfully submitted.

M. A. KELLOGG,
Engineer in Charge.

DOCUMENT No. 6.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

MAY 24, 1870.

The Comptroller, in compliance with a resolution of the Board, submitted a preliminary report of the cost of structures now in course of erection on the Central Park, and such as have been recently completed.

Ordered, That said report be laid on the table and printed in document form and referred to the Executive Committee.

GEO. M. VAN NORT,

Clerk.

To the Board of the Department of Public Parks :

By a resolution of the the Board, I am directed to report "the cost of each structure or building now upon the Central Park, so far as the same can be ascertained from the books of the Department."

The examination of the books of the Department, as to the cost of all the structures on the Central Park, involves more time than has been afforded, owing to the fact that the cost of the same have not in all cases been kept in detail.

I have, therefore, deemed it proper to submit the following preliminary report of the cost of structures now in course of erection on the Park and such as have been recently completed, viz. :

Ball-players' house (completed).....	\$19,407	75
House on Great Hill, "	13,012	11
Belvidere (unfinished).....	90,199	51
Dairy, "	30,737	73
Merchants' Gate, "	10,750	48
Stables, "	7,674	95
Conservatory, "	7,438	95
Paleozoic Museum, "	6,601	73

Respectfully submitted.

GEO. M. VAN NORT,
Comptroller.

NEW YORK, May 23, 1870.

DOCUMENT No. 7.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

MAY 24, 1870.

PETER B. SWEENEY, Esq., President, presented a certified copy of "An act to provide a plan for the improvement of portions of the counties of Westchester and New York, and to provide facilities of communication between said counties," passed May 19, 1870.

Ordered, That said act be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

Chap. 797.

AN ACT to provide a plan for the improvement of portions of the counties of Westchester and New York, and to provide facilities of communication between said counties.

Passed May 19, 1870; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. The department of public parks of the city of New York shall have and exercise all the powers and duties conferred upon the commissioners of the central park in and by chapter eight hundred and twenty-six of the laws of eighteen hundred and sixty-nine, entitled "An act for the improvement of certain parts of Westchester county, Harlem river and Spuyten Duyvil creek," subject to all the exceptions, limitations, and restrictions therein contained, except as is herein otherwise expressly provided, and the word "department" is hereby substituted for the words "board of commissioners" and the word "commissioners" wherever occurring in the said chapter, and the word "public" shall also be so substituted for the words "the central;" and the second section of the said chapter is hereby repealed. The said department shall prepare and file, as hereinafter directed, the maps, plans, and profiles authorized by the said chapter, within one year from and after the passage of this act, with such field notes and explanations as the said department may deem expedient; and upon the filing thereof, the same shall be final and conclusive, and all such streets, avenues, roads, and public squares and places, of such locations, widths, courses, windings, and grades, together with such plans for sewerage and drainage as shall be therein or thereby shown, laid out, retained, or established, shall thereupon and thenceforth

be retained or established accordingly; and all such streets, avenues, roads, and public squares and places as shall therein and thereby be discontinued and closed shall thereupon and thenceforth be discontinued and closed accordingly, and such bridge, tunnels, and other means of transit across or under Harlem river and Spuyten Duyvil creek as shall be therein and thereby planned and located, shall thereupon and thenceforth be planned and located accordingly; and the prohibition as to street openings and other proceedings contained in the first section of the said chapter is hereby continued until such maps, plans, and profiles shall be so filed. All such maps, plans, and profiles, with the field notes and explanations, shall be in duplicate, and shall be certified by the chief officer of the said department, and one set shall be filed of record in the office of the register of Westchester county, and the other set shall remain of record in the office of the said department. After the same shall have been so filed, the officers and bodies authorized by law to make other improvements of the same kind in the same towns shall have power to open, extend, widen, regulate, grade, drain, and sewer all such streets, roads, avenues, and public squares and places as shall be as aforesaid retained or established.

SEC. 2. The said department, on behalf of the city of New York, and the county judge and county treasurer of Westchester county, and the supervisor of the town which shall include the Westchester end of any such bridge, tunnel, or other means of transit, or a majority of them, on behalf of the county of Westchester, shall have full power and authority to build and construct by contract, or otherwise, as they shall deem most expedient, any and all bridges, tunnels, and other means of transit across or under Harlem river or Spuyten Duyvil creek, which may be so as aforesaid planned or located, and may forthwith commence the building or construction of a suspension bridge

north of the bridge known as the "High Bridge;" but not more than half a mile therefrom; provided, however, that not more than one such bridge, tunnel, or other means of transit shall be in the course or process of being built or constructed at the same time. The expense of building and constructing such bridges, tunnels, and other means of transit shall be borne by the county of New York and by the county of Westchester, in proportion to the jurisdiction of each. The treasurer of each county shall severally issue and deliver to such person or persons as may be designated to receive the same, by the department and officers herein and hereby authorized and empowered to build and construct such bridges, tunnels, and other means of transit, the bonds of his county for such amounts of money as shall, in all, be equal to the proportion of his county of any amount of money certified by the said department and other officers, or a majority of each, as necessary to be raised for or on account of any such bridge, tunnel, or other means of transit; which bonds shall be signed by the said treasurer, and countersigned in the county of New York by the chief officer of the said department, and in the county of Westchester by the chairman of the board of supervisors. The amounts for which the several bonds shall be issued, the times at which such bonds shall be payable, and the rates of interest thereon, shall be prescribed by the said department and the other officers by whom the bridge, tunnel, or other means of transit shall be built or constructed; but the rate of interest shall not exceed seven per cent. a year, nor shall the bonds be payable less than two nor more than twenty years after the respective times at which they are issued; and the boards of supervisors of the respective counties shall raise such amounts of money as shall be necessary to pay the interest on such bonds every year, and the principal sums at the times when the said bonds shall severally mature, in the same manner that other taxes are raised; provided, how-

ever, that one-third of every amount raised in the county of Westchester shall be specially levied upon such district of territory as the board of supervisors shall determine to be specially benefited by the improvement.

SEC. 3. Nothing contained in this act shall in any manner affect or impair any of the provisions of chapter two hundred and seventy-two of the laws of eighteen hundred and sixty-nine, entitled "An act to authorize the towns of Yonkers and Eastchester, in the county of Westchester, to widen, make, extend, and improve several highways in said towns," or of any act amendatory thereof.

SEC. 4. The supervisor of the town of West Farms is hereby authorized and directed to borrow, upon the credit of said town, such sum of money, not exceeding ten thousand dollars, as may be necessary to pay expenses as already incurred by the late commissioners of the central park under and by virtue of the said chapter eight hundred and twenty-six of the laws of eighteen hundred and sixty-nine; and the supervisor and town clerk, on behalf of said town, shall issue certificates of indebtedness for every amount so borrowed, payable on or before the first day of May, eighteen hundred and seventy-one, but such certificates of indebtedness shall not be negotiated at less than the par value thereof; and the supervisors of the county of Westchester, at their next annual meeting, shall, pursuant to the provisions of the said chapter, so far as applicable, levy and assess upon the land in said town west of the New York and Harlem Railroad the amount of every such certificate of indebtedness.

SEC. 5. This act shall take effect immediately.

STATE OF NEW YORK, }
Office of the Secretary of State, } ss.

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the whole of said original law.

Given under my hand and seal of office, at the city of
[L. s.] Albany, this twentieth day of May, in the year one
thousand eight hundred and seventy.

D. WILLERS, Jr.,

Deputy Secretary of State. 

DOCUMENT No. 8.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 24, 1870.

Commissioner HILTON, from the Executive Committee, submitted a report from M. A. Kellogg, Engineer in Chief, relative to the construction during the present season of a portion of the enclosing walls around the Central Park.

Ordered, That said report be laid on the table, printed in document form, and referred to the Executive Committee.

GEORGE M. VAN NORT,
Clerk.

ENGINEER'S OFFICE,
DEPARTMENT OF PUBLIC PARKS,
May 23, 1867. }

*To the Executive Committee of the
Department of Public Parks :*

GENTLEMEN—

I most respectfully call your attention to the enclosing walls around the Central Park, remaining to be built, and would advise that a portion of them should be constructed this season, viz. :

ON THE FIFTH AVENUE.

The upper portion of the vertical wall, of New Brunswick or Ohio stone, between Seventy-ninth and Eighty-fifth streets (the lower portion and blue stone base being built).

The granite (light colored) coping for the battered wall between Eighty-fifth and Ninety-seventh streets.

And the base course and upper portion of the vertical wall, together with the raising of the lower portion as will make it conform to the new grade, from about One Hundred and Sixth to One Hundred and Tenth streets. These can be built by contract at a less cost than by day's work.

The battered wall between Eighty-ninth and Ninety-first streets will require to be taken down and rebuilt, on account of the alteration of the grade on Fifth avenue, and should be done by the men in the employ of the Department.

This will enclose the Park on the Fifth avenue side (except the openings at the entrances), from Sixtieth to Ninety-seventh

streets. The portion between Ninety-seventh and One Hundred and Sixth streets cannot be built at present on account of the material change of the grade of the avenue.

ON ONE HUNDRED AND TENTH STREET.

Between the Fifth and Sixth avenues, the lower portion of the vertical wall and part of the base has been built, since which time the grade of the street has been raised two feet at the Sixth avenue; the base used was a Portland granite, and there is a quantity now left by the contractors, not placed in the work. The raising of the wall, base course, and upper portion could be completed this season.

Between the Sixth and Seventh avenues, the foundation only is built. The grade of the street has been raised six feet at the Seventh avenue. The rough foundation to support the wall could be put in by day's work. Jones, Morgan & Anderson, the former contractors, have a portion of the stone for the lower portion of the wall still remaining on the ground.

Between the Seventh and Eighth avenues the grade of the street is raised from six to thirteen feet, and but little of the work can be done to good advantage until the street is graded.

ON THE EIGHTH AVENUE.

The grade of this avenue has been so materially changed that but little can be done north of Sixty-sixth street until the grading of the avenue and of the Park slopes are done. At one or two points where the lower portion of the wall is now built, work

can be done by day's work in raising, and in taking down and rebuilding.

Between Sixtieth and Sixty-sixth streets, the lower portion and base course is built, but, as it is above the present surface of the avenue, could be built more economically after the avenue is graded.

If any of the work is to be put under contract, I can have the necessary plans and specifications prepared in a short time.

As some of the rock gangs will soon be done on the Boulevard, they might be placed on the Eighth avenue slopes, on rock excavation and putting in the rough foundation for support of the wall.

I will report to you in a few days upon the Eighth avenue slopes, with the proposed plans and sketches.

Respectfully,

M. A. KELLOGG,

Engineer in Chief.

DOCUMENT No. 9.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 31, 1870.

A report was received from J. Wrey Mould, Architect-in-chief, in answer to a resolution of the Department adopted on the 19th inst., as to the approximate cost of completing the structures at present commenced upon the Central Park, and now under his control.

Ordered, That said report be printed in document form, and referred to the Executive Committee.

GEO. M. VAN NORT,
Clerk.

REPORT

ON THE

STRUCTURES NOW IN PROGRESS,

AND THEIR COST.

PURSUANT TO RESOLUTION OF THE BOARD MEETING OF MAY 19TH, ULT.

JACOB WREY MOULD, Architect-in-Chief,

DEPARTMENT PUBLIC PARKS.

MAY 31, 1870.

REPORT ON THE STRUCTURES NOW IN PROGRESS,
AND THEIR COST, PURSUANT TO RESOLUTION OF
THE BOARD MEETING OF MAY 19.

OFFICE OF THE DEPARTMENT OF PUBLIC PARKS, }
31 Nassau Street, New York, }
May 31st, 1870. }

PETER B. SWEENY, Esq.,

President of the Board of Commissioners of Public Parks :

SIR,—In response to the resolution passed at the board meeting of the 19th ult., I beg respectfully to submit the following report of the approximate cost of completing the structures at present commenced upon the Central Park, and now under my control as Architect-in-chief.

I have based the said approximate cost on reliable data, consisting of contracts authorized and entered into by the former Board of Commissioners, and estimates furnished me both by the Engineer-in-chief and by responsible parties with whom we have been in the habit of contracting for work to be done.

The first and most important of these structures is that known as the

TERRACE AT NORTH END OF MALL.

The work to be completed on the said Terrace, I shall classify under the following eight heads, as follows: (a) The large fountain on Lower Esplanade. (b) The glass panel to complete ceiling of Arcade. (c) The carving of the large ramps flanking east and

west flights of steps. (d) The seat and fountain niches of the Arcade. (e) The diaper panel work flanking south flights of steps. (f) The completion of dies at the north end of Mall. (g) The pateræ in bronze, to replace caps of dies at the foot of flights of steps, and bronze inscriptions on shields. (h) The inlaid granite and porphyry pavement of the large Esplanade, and of the space at the foot of south steps.

(a) *The Large Fountain on Esplanade.*

1. Contract with Bigelow Blue Stone Co., for plinth, die, bases, &c., eleven thousand dollars..... \$11,000 00
2. Contract for bronze ornaments, rim of basin, and capitals, with Ames Manufactory Co., sixteen thousand two hundred and ten dollars 16,210 00
3. Contract with J. G. Batterson & Co., of Hartford, Ct., for large westerly granite monolithic basin and setting, ten thousand three hundred and fifty dollars..... 10,350 00
4. Work to be done by Park constructive force in setting above, from M. A. Kellogg, Engineer-in-chief, twelve hundred dollars..... 1,200 00
5. Balance due Professor Muller, of Munich, for bronze statue and figures, etc., eleven hundred pounds sterling in gold, or..... 6,125 00

6. Plumbing and hydraulic work from Messrs. Norris & Williams, plumbers, one thousand dollars..	\$1,000 00
7. Resetting blue and Nova Scotia stone work and cleaning same around seat wall-rim of large basin, from Brown & Valentine, stone-cutters, one thousand dollars	1,000 00
8. Plumbing work in executing a lin- ing of sheet copper to same, from Messrs. Norris & Williams, plumbers, four thousand dollars.	4,000 00
9. Concrete bottom to basin, and pav- ing with 4-inch brickwork laid in asphalt, three thousand two hun- dred and seventy dollars.....	3,270 00
Total cost on large fountain and basin.....	<u>\$53,945 00</u>

(b) *The Enriched Glass Panel completing Ceiling of Arcade.*

1. Iron frame movable on pivots, made and set by Janes, Kirtland & Co., five hundred and fifty dol- lars.....	\$550 00
2. Chocolate border tiles for same, fur- nished and set by Messrs. Miller & Coates, fifty dollars.....	50 00

3. Stained and embossed reproduction
in glass of one of the square bays
of ornamental tiling, by Mr.
Henry E. Sharp, eleven hundred
dollars. \$1,100 00

4. Panel of French plate glass, with set-
ting and four reflectors, three
hundred dollars. 300 00

Total cost of glass panel in
ceiling. \$2,000 00

(^o) *The carving of the large east and
west ramps; extreme eastern and
western facets, "Early Spring"
"and Late Winter," four hun-
dred dollars each 800 00*

2. Contingencies, erecting scaffold, &c.,
one hundred dollars. 100 00

Total cost of completing ramps. \$900 00

(^a) *Completion of the Seat and Fountain Niches of the Arcade.*

1. Italian marble carved work, and
Scotch granite bordering with
granite fountain basins, as per
contract proposal made by Mr.
Henry Parry, twenty-five thou-
sand four hundred dollars. \$25,400 00

2. Enriched and inlaid tile and majolica work, by Minton, Hollins & Co., of Stoke upon Trent, England, from figures furnished by Messrs. Miller & Coates, modeling included, twenty-eight thousand five hundred dollars (currency)	\$28,500 00
3. Plumbing and fountain work, sixteen hundred dollars.....	1,600 00
4. Contingencies, duty, freight, etc., sundries, two thousand dollars...	2,000 00
Total cost of the seat and fountain niches.....	<u>\$57,500 00</u>

(^e) *Completion of the diaper panel work flanking south steps.*

1. Carving diaper and border work, as per estimate of Messrs. Brown & Valentine, stonecutters, eight hundred dollars.....	\$800 00
2. Scaffolding and sundries, two hundred dollars.....	200 00
Total cost of completing diapers.....	<u>\$1,000 00</u>

(^f) *Completion of Dies at the north end of Mall.*

It is contemplated to place carved stone or granite pateræ or vases on the two existing blue stone pedestals; these have not as yet been designed, nor has the material been determined on; therefore no estimate of cost can accurately be formed.

(^g) A similar difficulty occurs in estimating on the bronze pateræ contemplated for the dies at the feet of the two flights of steps leading to lower esplanade; as they have not as yet been designed; and also the bronze inscriptions or mottoes on shields of flank walls.

(^h) *The Inlaid Granite and Porphyry Pavement of the Large Esplanade, and of the space at foot of South Steps.*

This pavement has been carefully studied out, and it is proposed that the most durable method of execution should be by inlaying borders and patterns of Russian and Swedish porphyries on a field of American granite: this material will alone, it is contemplated, sufficiently withstand the exigencies of our severe and trying climate. No estimate or calculation of the cost of this pavement can be given until inquiries now making in Europe are reported to this Department.

Therefore, the total cost of completing the Terrace,
omitting the items (^f), (^g), and (^h), would be.. \$115,345 00

The structure second in importance to the Terrace, is the Stable Building, with hay-loft and adjacent sheds, to protect Park horses, carts, wagons, &c., known as the east end of the

NORTH WING OFFICES OF ADMINISTRATION.

The work to be completed on the said Stable Buildings and sheds, I shall classify under the following three heads, as follows:
(^a) The Stable Building proper; (^b) The adjacent sheds, with

yard, manure-pit, etc. ; (°) The iron entrance gate, with Keeper's dwelling, of which the respective cost is estimated as follows :

(^a) *The Stable Building.*

1. Masonry and stonecutters' work, a portion of the contract made with Jer. T. & J. B. Smith, nineteen thousand dollars.....	\$19,000 00
2. Carpentry work, proposals made to the Board, nine thousand dollars	9,000 00
3. Ironwork, including fittings of stalls and work on roof, five thousand dollars.....	5,000 00
4. Slating and roofing, from proposals offered, sixteen hundred dollars.	1,600 00
5. Painting, eighteen hundred dollars.	1,800 00
Total cost of stable building.....	<u>\$36,400 00</u>

(^b) *The Sheds, Hay-loft, and Stable-yard.*

1. Masonry and stonecutting, as per contract made with Jer. T. & J. B. Smith, nine thousand dollars....	\$9,000 00
2. Carpentry work, from estimate furnished by foreman of carpenters on the Central Park, seven thousand dollars.....	7,000 00
3. Ironwork, as per contract made with J. B. & W. W. Cornell, nine thousand nine hundred dollars.....	9,900 00

4. Slating and roofing, from proposals offered, two thousand seven hundred dollars.....	2,700 00
5. Painting, fourteen hundred dollars..	1,400 00
6. Plumbing work, two hundred dollars	200 00
7. Granite troughs to be built in wall, for horses to drink from, five hundred dollars each.....	\$1,000 00
8. Foundation work yet to be completed and Park stone plinth, one thousand dollars.....	1,000 00
9. Concrete bottom to sheds and yards, with digging and blasting, one thousand dollars.....	1,000 00
10. Sundries, to wit, drainage, manure-pit, hay scales, and contingencies, fifteen hundred dollars.....	1,500 00

(*) *The Entrance Gate, with Keeper's Dwelling.*

These being not yet designed, only an approximate guess can be made as to their cost; therefore, I do not include them under the head of structures already commenced, although they form a very necessary and inevitable appendage to the stables and sheds at present erecting.

Therefore, the cost of completing the stable building and sheds, with adjacent yard, will be.....\$71,100 00

The next structure I shall report upon, is the *horse drinking-fountain in granite and bronze*, situate on the circle northwest of Mall.

In order to complete same, the following work must be done:

1. Granite work as per contract with J. G. Batterson, of Hartford, twelve hundred and fifty dollars.....	\$1,250 00
2. Plumbing work and lining of copper, from estimate furnished by Messrs. Norris & Williams, eight hundred and seventy-five dollars.	875 00
3. Encaustic tile, furnished by Miller & Coates, twenty-five dollars....	25 00
4. Foundations of central structure, one hundred dollars.....	100 00
5. Bronze ornamental terminal and fountain, approximate, two thousand five hundred dollars.....	2,500 00
6. Contingencies, freight, packing, scaffolding, etc., say two hundred dollars	200 00
Total remaining cost of north-west circle fountain would be four thousand nine hundred and fifty dollars.....	<u>\$4,950 00</u>

The only remaining structure commenced, is the important one at the junction of Fifty-ninth street, known as

THE MERCHANT'S GATE, EIGHTH AVENUE.

Of this the foundations have been put in, and are up to the ground level; but the superstructure has only been studied in a

preliminary form—an elevation, a detail of pier partly complete, and a model prepared, on which no accurate estimate could as yet be based. This design I propose to press to a conclusion as rapidly as consistent with my duties in attending to work actually in process of construction, and to lay before the Board on as early a day as practicable.

With the following *resume* of cost of work really progressing, I beg to conclude this report:

1. To complete Terrace, (except items f, g, h,)	\$115,345 00
2. To complete sheds and stable building	71,100 00
3. To complete northwest circle fountain	4,950 00
	<hr/>
Grand total,	\$191,395 00
	<hr/> <hr/>

Trusting that in all the above calculations I have taken the maximum rather than the minimum cost, so as to be sure and cover the whole ground, I remain, sir,

Very respectfully yours,

JACOB WREY MOULD,
Architect-in-chief, D. P. P.

I should further state in postscript, that Messrs. Olmsted & Vaux will supplement this report, by a statement regarding the Belvedere, the Dairy, and the Palæozoic Museum—three structures hitherto under their charge.

JACOB WREY MOULD,
Architect-in-chief, D. P. P.

DOCUMENT No. 10.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

MAY 31, 1870.

A communication from Olmsted, Vaux & Co., Chief Landscape Architects, advisory, relative to the works in progress at the Central Park, on their designs, was received, and—

Ordered, That said communication be printed in document form, and referred to the Executive Committee.

GEO. M. VAN NORT,
Clerk.

OLMSTED, VAUX & Co., Landscape Architects, }
 No. 110 Broadway, New York, }
 May 30th, 1870. }

PETER B. SWEENEY, Esq.,

*Chairman of Executive Committee,
 Department of Public Parks:*

SIR,—Among the works in progress on the Park are several of our designs with which the present Architect-in-chief has hitherto had no connection, and you may therefore wish to receive from us at this time some explanation in regard to these buildings.

The Dairy in connection with the children's department in the lower park is a stone structure now nearly finished, but requiring that suitable interior fittings should be designed for its completion.

The Conservatory Terrace Plans have been for several months in the hands of Mr. Kellogg (now Engineer-in-chief), and the foundation work is in progress.

The Belvedere is a stone building of moderate extent, but occupying a critical position in reference to the general design. Being at the crowning point of the lower park, it will be more than usually conspicuous; yet it is undesirable that it should attract undue attention as a feature in the landscape, and it has been planned with an irregular outline carefully adapted to the shape of the natural rock on which it stands. The working drawings, so far as developed, have been prepared from our approved study by Mr. Munckwitz, who has hitherto had the supervision of the portion ordered for execution.

The Palæozoic Museum foundation plans, prepared in conjunction with Professor Hawkins, have been for some time in the

hands of Mr. Kellogg, and the excavation is nearly complete. Our design for the superstructure was recently submitted for consideration to the late Board, but had not been finally acted on at their retirement, and the study is now in the possession of the Department.

The work on these buildings has been done by the day, the accounts being kept in the Comptroller's office.

We shall hereafter furnish all explanations needed on the work from us in reference to architectural designs in progress, through the office of the Architect-in-chief, in accordance with the present plan of organization.

Respectfully,

OLMSTEAD & VAUX,

Chief Landscape Architects.

DOCUMENT No. 11.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 31, 1870.

Commissioner HILTON, from the Executive Committee, to which was referred the communication of W. A. Haines, Chairman of the Executive Committee of the American Museum of Natural History, relative to their collection, and desiring to communicate with the Board in relation thereto, together with the report of the Clerk as to the correspondence and action of the late Commissioners of the Central Park, reported thereon.

Ordered, That said report be adopted, printed in document form, and the whole subject referred to the Executive Committee with power, and to report plans to the Board for approval.

GEO. M. VAN NORT,
Clerk.

The Executive Committee reports :

That attached hereto is all the correspondence, &c., on file in this Department relating to the furnishing by the American Museum of Natural History of materials for such a Museum in the Central Park, or relating to the collections of that society now on deposit at the Arsenal building.

From this correspondence your Committee is unable to learn what conditions are attached to the deposit of such collection, or whether the predecessors of this Department have entered into any formal engagement respecting it.

It will be perceived that the letter of the late Comptroller, dated January 21, 1870, refers to a letter from W. A. Haines, Esq., the Chairman of the Executive Committee of the Museum, dated December 23, 1869, as containing conditions upon which it was proposed to make deposits of its collections, and states that the collections will be accepted on the conditions specified. But the last-mentioned letter is not on the files of the Department, nor have we any record of it or of the conditions therein referred to.

By another letter of the late Comptroller, dated January 7, 1870, it seems that a scheme containing the views of the Trustees of the Museum had been proposed to the late Commissioners and returned with suggestions, &c.

It may be that two weeks later these were returned and approved in the letter of January 21, 1870, but of that we have no knowledge or information from the records of the Department.

It will be perceived that the act of May 5th, 1869, fully authorizes us to erect, establish, and maintain a Museum of Natural

History in addition to a Gallery of Art, and a Meteorological and Astronomical Observatory, and the buildings therefor, and provide the necessary instruments, furniture, and equipment for the same.

For this purpose a stock is authorized equivalent to \$250,000, at 6 per cent., in addition to so much of the moneys remaining unexpended and raised for the improvement of the Central Park as the Board may elect to use therefor.

After these buildings are constructed, a sum of \$30,000 per annum is authorized to be expended in their maintenance.

Your Committee, under these circumstances, recommends that the subject of the erection of these various buildings be taken into immediate consideration, as it is quite evident we shall have the material for the Museum much sooner than we will have any proper place for its exhibition.

If the conditions on which the Trustees of the Museum of Natural History are willing to deposit with us their collection are not incompatible with the views of the Board, requiring that all articles entrusted to it shall be under its absolute control while in the Central Park, your Committee recommends that the present collection be accepted, and at once placed on exhibition in proper cases on the second and third floors of the Arsenal building, to await the construction of the Museum building authorized by the Act of 1869.

Your Committee further recommends that the whole subject be appropriately referred, with power to make the necessary arrangements for the present collection, and also to have prepared plans for a Museum building, an Observatory, and a Gallery of Art, and proper places selected for their erection.

HENRY HILTON,

On behalf of Executive Committee.

No. 376 BROADWAY, }
 NEW YORK, May 24th, 1870. }

HON. PETER B. SWEENEY,

President, Department Public Parks :

DEAR SIR,—The Trustees of the American Museum of Natural History having purchased large and valuable collections, which are now packed in boxes in the Arsenal building, awaiting the construction of suitable cases for their exhibition and preservation, their Executive Committee would respectfully request to communicate with you upon the subject at as early a day as possible, as their collections are suffering for the want of the necessary cases.

Very respectfully yours,

W. A. HAINES,
Chairman Executive Committee.

To the Executive Committee of the Department of Public Parks :

In accordance with a resolution of the Department, adopted May 24th, 1870, directing the Clerk to furnish the Executive Committee all the correspondence and action had by the Commissioners of the Central Park on the subject of the collection deposited on the Park by the American Museum of National History, I beg leave to respectfully submit the following.

GEO. M. VAN NORT,
Clerk.

(In Board of Commissioners of the Central Park, Jan. 14, 1869.)

A communication from John David Wolfe and others, proffering a valuable collection, as a nucleus for establishing a Museum of Natural History, was received, and having been acknowledged,

On motion of Mr. RUSSELL, said communication and the reply thereto were ordered entered at length on the minutes, and said communication placed on file.

COMMUNICATION.

NEW YORK, December 30th, 1868.

Commissioners of the Central Park :

DEAR SIRS,—A number of gentlemen having long desired that a great Museum of Natural History should be established in the Central Park, and having now the opportunity of securing a large and very valuable collection as a nucleus of such Museum, the undersigned wish to inquire if you are disposed to provide for its reception and development.

John David Wolfe, Robert Colgate, J. N. Phelps, Levi P. Morton, W. A. Haines, J. Pierpont Morgan, A. G. Phelps Dodge, D. Jackson Steward, Howard Potter, James Brown, Alex. T. Stewart, Benj. H. Fields, Adrian Iselin, Robert Stuart, Marshall O. Roberts, Theodore Roosevelt, George Bliss, Morris K. Jesup, William T. Blodgett.

REPLY.

OFFICE OF THE COMMISSIONERS OF THE CENTRAL PARK }
 (Bank of Commerce Building), 31 Nassau st., }
 NEW YORK, January 13, 1869. }

GENTLEMEN,—The Commissioners of the Central Park have received your communication, in which inquiry is made if they are disposed to provide for the reception and development of a large and valuable collection, as a nucleus of a Museum of Natural History.

The Commissioners, appreciating the views you so kindly express, entirely concur in the desirability of the establishment of a Museum in the Park that shall become an aid in the great educational systems of the city, concentrate and develop scientific efforts in all departments of Natural History, and at the same time be an instructive and acceptable resort for the people of the city, and for the throngs of strangers that visit it.

The Commissioners of the Park will very gladly receive the collection to which you allude, and will use their best exertions toward the establishment of a Museum of Natural History of an extent and excellence in all its departments that will be creditable to the city, and in their efforts towards the development of such an institution the Commissioners of the Park will highly esteem your valuable co-operation.

I am, gentlemen,
 With great respect,

AND'W H. GREEN,

Comptroller.

To Messrs. John David Wolfe, James Brown, Robert Colgate, Alexander T. Stewart, J. N. Phelps, Benjamin H. Field, Adrian

Iselin, Levi P. Morton, Robert L. Stuart, W. A. Haines, Marshall O. Roberts, J. Pierpont Morgan, Theodore Roosevelt, A. G. Phelps Dodge, George Bliss, D. Jackson Steward, Morris K. Jesup, Howard Potter, William T. Blodgett.

(In Board of Commissioners of the Central Park, April 8th, 1869.)

Commissioner GREEN offered the following :

Resolved, That the Comptroller of the Park be authorized to receive on behalf of this Board from the American Museum of Natural History, or such other persons or corporation as may offer the same, donations or conditional deposits of specimens illustrative of natural history, science, or art, and to provide accommodations therefor in any of the Park buildings as may be practicable.

Resolved, That this Board approve of the erection on the Park of buildings adequate to the accommodation on the Park of all gifts, devises, or bequests, and all deposits of specimens illustrative of natural history, antiquities, science, and art, and that the Comptroller of the Park have the necessary plans prepared and submitted to the Board therefor.

The PRESIDENT put the question whether the Board would agree to said resolutions, and it was determined in the affirmative (a majority of all the members of the Board voting in favor thereof), as follows :

Ayes—Commissioners Hutchins, Green, Stebbins, Blatchford, and Grinnell—5.

The following act relates to the establishment of a museum on the Central Park.

CHAP. 595.

AN ACT to authorize the Erection and Maintenance of an Observatory in the City of New York.

Passed May 5th, 1869; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. The Board of Commissioners of the Central Park are hereby authorized to erect, establish, conduct, and maintain on the Central Park, in said city, a Meteorological and Astronomical Observatory, and a Museum of Natural History, and a Gallery of Art, and the buildings therefor, and to provide the necessary instruments, furniture, and equipments for the same.

SEC. 2. The moneys necessary for erecting and equipping said Observatory, Museum, and Gallery, and the buildings therefor, and the necessary instruments, furniture, and equipments, shall, to the extent of a sum the annual interest of which shall not exceed fifteen thousand dollars, be raised, and, in addition to so much of the moneys now authorized for the improvement of the Park as said Board may elect to use therefor, be expended in the same manner as moneys for the construction of said Park are now raised and expended under section one, two, and three of the chapter eighty-five of the laws of eighteen hundred and sixty; and the moneys necessary for the maintenance of said Observatory, Museum, and Gallery, buildings, instruments, and equipments, not exceeding thirty thousand dollars per annum, shall be provided and expended in the same manner as moneys

for the maintenance of said Park are now raised and expended under section four of the same chapter.

SEC. 3. This act shall take effect immediately.

Commissioner GREEN offered the following resolution :

Resolved, That the Comptroller of the Park be authorized to take the necessary steps to obtain for this Board the moneys authorized by law to be expended by this Board under chapter 595 of the laws of 1869, for the erection, maintenance, and furnishing of observatories, museums, and galleries of art, and to have the necessary plans prepared therefor.

The PRESIDENT put the question whether the Board would agree to said resolution, and it was determined in the affirmative (a majority of all the members of the Board voting in favor thereof), as follows :

Ayes—Commissioners Hutchins, Fields, Green, Stebbins, and Blatchford—5.

COMMUNICATIONS.

JULY 20th, 1869.

ANDREW H. GREEN, Esq. :

DEAR SIR,—Mr. Bell wishes another box of birds to mount, having nearly finished the one now in hand, and Mr. Elliott has just sent to my store a box of additional birds (not included in Bell's contract).

Will you please send to my store one box of the birds now stored at Mount St. Vincent, and let the carman take back the one now at my store and deposit it with the others in the Park? I could not get the Executive Committee together last week, and will try to do so this, if I can find any in town.

Yours truly,

(Signed) W. A. HAINES.

JULY 28th, 1869.

MY DEAR SIR,—Would it not be well to have the boxes of set-up birds as returned from Mr. Bell opened, and the contents carefully taken out, or do you prefer that they should remain packed?

Truly,

(Signed) ANDREW H. GREEN,
C. C. P.

W. A. HAINES, Esq.,
Ch. Ex. Com. Am. Museum.

NEW YORK, Aug. 4th, 1869.

ANDREW H. GREEN, Esq.:

DEAR SIR,—How soon will the cases at the Park be put up, so that the birds will be protected from dust, &c.? Mr. Bell has several hundred already *stuffed*, but it will be best not to mount them on their *stands* until the *glass* cases are ready.

Yours truly,

(Signed) W. A. HAINES.

AUGUST 13th, 1869.

MY DEAR SIR,—We are making progress towards the cases, but it is quite impossible for me to say when they will be ready. I hope they will be soon.

I am, very truly,

(Signed) ANDREW H. GREEN,
C. C. P.

W. A. HAINES, Esq.

OFFICE OF THE BOARD OF COMMISSIONERS OF THE CENTRAL PARK,
 (Bank of Commerce Building), 31 Nassau st.,
 NEW YORK, Dec. 29, 1869.

MY DEAR MR. HAINES,—The Custom-house officials have been to the Park, I think more than once, to open the cases you sent there. They were quite urgent in their intentions to do so. Will you advise me of your desires in the premises?

And oblige, yours truly,

ANDREW H. GREEN.

W. A. HAINES.

I have made an appointment for *Tuesday* morning.

W. A. H.

JANUARY 7th, 1870.

MY DEAR SIR,—I have received your favor of 31st ult., with the proposed scheme for depositing the collection of the American Museum with the Park Commissioners. It seems to me to cover the ground, and I return it herewith, with a few suggestions for thought on your part.

It may be found desirable for all parties that the persons employed by the Museum should report daily to the Park authorities. The requirement of free access to the collections at all times to the Trustees and Curators, I assume, means at all reasonable hours, and if the American Museum reserves the right to withdraw its collections at pleasure, it would perhaps be well to give the Park Commissioners the corresponding right to require their withdrawal at pleasure.

These are the chief suggestions that occur to me, and can be incorporated in your project by a few amendatory words.

Very respectfully,

ANDREW H. GREEN,
Comptroller of the Park.

W. A. HAINES, Esq.

JANUARY 19th, 1870.

MY DEAR SIR,—Will you let me have any condensed statement you may have of the collections that the American Museum has purchased, and proposes to deposit with the Park Commissioners? I want to use it in connection with our report.

I am, truly, A. H. GREEN,
Comptroller Central Park.

W. A. HAINES, Esq.

JANUARY 21st, 1870.

DEAR SIR,—I have the pleasure to acknowledge the receipt of your letter of the 23d ultimo, relating to deposits of certain collections with the Park Commissioners by the American Museum of Natural History.

The terms upon which it is proposed to make these deposits are such as will, I think, secure the object that the Museum and the Park Commissioners equally desire, to wit: an establishment that shall afford opportunity for popular instruction and amusement, and for the advancement of the natural sciences. If the plan which insures and combines in this enterprise the interest and means of the private citizen with those of the public is

productive of all the good results that may reasonably be expected, it will probably be made at once an example and incentive for uniting the energies of those interested in other branches of science and art in similar undertakings.

In accepting these extensive and valuable collections on the conditions specified, permit me to express, on behalf of the Park Commissioners, their high appreciation of the enlightened sentiment that has provided so generously for all interested in this department of science, and at the same time the hope that this auspicious beginning may, by the continued augmentation of similar liberalities, become an unequalled treasury of science, alike honorable to the public spirit of the citizens by whom it has been inaugurated, and an indispensable aid to those engaged in efforts to increase the knowledge of the science that it is intended to illustrate.

Very respectfully and truly,

AND. H. GREEN,
Comptroller of the Park.

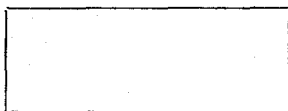
W. A. HAINES, Esq.,
*Chairman of the Executive
Committee of the American Museum, &c.*

NEW YORK, May 3, 1870.

MY DEAR SIR,—I have given directions to have one case in the second story of the Museum put up at once as a sample. The size will be two feet three inches deep by eight feet eight inches

in length from floor to ceiling, in height being about nine feet.

8 ft. 8 in.



2 ft. 8 in.

This will occupy nearly all the space between two of the windows. Should you have any suggestion to make in reference to this matter, I should be glad to meet you at your convenience.

I am very truly,

AND. H. GREEN.

W. A. HAINES, Esq.,

Chairman Executive Committee of Museum.

DOCUMENT No. 12.

**BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.**

MAY 31, 1870.

Commissioner HILTON, from the Executive Committee, submitted an inventory of tools, materials, etc., in possession of the late keepers of the city parks, and in the office of the Architect-in-chief.

Ordered, That said inventory be laid on the table and printed in document form.

GEORGE M. VAN NORT,
Clerk.

To the Department of Public Parks.

The Executive Committee respectfully submit the following inventory of tools, materials, etc., reported in accordance with a resolution of the Department adopted May 3, 1870, as being in the possession of the late keepers of the city parks, and in the office of the Architect-in-chief.

PETER B. SWEENEY, }
 HENRY HILTON, } *Executive*
 THOS. C. FIELDS. } *Committee.*

Dated, New York, May 31, 1870.

STUYVESANT SQUARE (EAST).

3 Snow shovels.	1 Hand shovel.
1 Spade.	2 Rakes.
2 Brooms.	2 Watering pots.
1 Stove.	1 Hoe.
1 Wheelbarrow.	1 Fountain wrench.

STUYVESANT PARK (WEST).

3 Snow shovels.	2 Rakes.
3 Hoes.	2 Watering cans.
1 Spade.	1 Short shovel.
1 Stove.	1 Sickle.
1 Wooden rake.	1 Wheelbarrow.
2 Brooms.	

MADISON SQUARE.

6 Spades.	6 Shovels.
5 Brooms.	5 Long shovels.
1 Stove and pipe.	2 Scoop "
1 Wheelbarrow.	1 Crowbar.
1 Axe.	2 Watering pots.
2 Scythes.	2 Iron rakes.
1 Pickaxe.	2 Wood "
2 Scythe blades.	

UNION SQUARE.

6 Spades.	3 Hoes.
2 Scoops.	3 Border knives.
1 Iron rake.	1 Hay rake.
6 Shovels.	2 Wheelbarrows.
3 Watering cans.	1 Crowbar.

CITY HALL PARK.

2 Rakes.	1 Shovel.
1 Broken barrow.	70 Old posts.
13 Old benches.	100 Feet of chain.

WASHINGTON SQUARE.

2 Wheelbarrows.	11 Iron shovels.
5 Garden hoes.	7 Wooden "
1 Grindstone.	3 Spades.
2 Iron rakes.	2 Wooden rakes.
1 Pitchfork.	3 Scythes.
1 Pick.	3 Watering cans (2 bad).
2 Brooms.	1 Stove.

RESERVOIR PARK.

2 Rakes.	4 Picks.
7 Long shovels.	2 Pitch forks.
7 Border cutters.	3 Small stone hammers.
2 Sledges.	2 Hay rakes.
5 Short shovels.	6 Spades.
1 Crowbar.	5 Scythe handles.
3 Brooms.	4 Hoes.
1 Grass hook.	1 Wheelbarrow.
1 Ladder.	1 Line and reel.

TOMPKINS SQUARE.

2 Shovels.	1 Spade.
1 Side iron.	1 Hoe.
1 Piece chain.	

TOOLS IN POSSESSION OF GENERAL GARDENER.

2 Ladders.	1 Axe.
1 Shears.	1 Hoe.
1 Spade.	1 Cross-cut saw.

PROPERTY IN ARCHITECT'S OFFICE.

1 Carpet.	1 Cane-bottom stool.
1 Nest of walnut drawers.	1 Basin and jug.
3 Cane-bottom chairs.	1 Iron washstand.
1 Iron chair.	1 Scuttle and shovel.
1 Stove and zinc plate.	1 Fire screen.
1 Drawing board 13 feet by 4 feet.	4 Port-folios.
1 Drawing board 34 inches by 35 inches.	1 T square.
1 Drawing board 43 inches by 29 inches.	1 Straight edge.
1 Drawing board 44 inches by 30 inches.	4 Set squares.
1 Drawing board 25 inches by 37 inches.	1 Five-foot measuring rod.
1 Drawing board 27 inches by 21 inches.	2 Architect's scales.
1 Color box, 12 colors.	5 Brushes.
1 Pot ox-gall.	1 Pot mucilage.
$\frac{1}{2}$ Quire French drawing paper.	5 Volumes "Engineering."
	2 " Building News.
	2 " Builder.
	3 Samples roofing slate.
	1 Roll tracing linen.
	1 Roll tracing paper.
	1 Study in oil, "Eagle."
	1 Map New York harbor.

- | | |
|-------------------------------------|---------------------------------|
| 1 Roll of German backed paper. | 1 Photograph Ramble and Lake. |
| 1 Roll tracing paper linen. | 2 Photographs, Paris views. |
| 1 Map of New York City. | 2 Volumes, "Wharves and Piers." |
| 1 Bronze head of lion. | 3 Samples building stone. |
| 1 Map of alterations of East river. | 1 Feather duster. |
- Sundry specifications of sheds and stables Central Park.
- Sundry Photographs of Central Park.
- 1 Folio containing "Greensward" studies of design of Central Park.
- 1 No. of "Les Promenades de Paris."
- 33 Drawings of large fountain Esplanade of Terrace.
- 12 " " granite pedestal "Indian Hunter."
- 2 " " " " "Figures."
- 11 " " " pavement foot of south steps of Terrace.
- 4 " " cover to pavilion.
- 1 Drawing of ramps of Terrace.
- 19 Drawings of ornamental work, Terrace and fountain niches.
- 3 " " covering of statute of Columbus.
- 6 " " glass panel Terrace ceiling.
- 9 " " inlaid granite esplanade of Terrace
- 6 " " proposed Art Museum.
- 10 " " officers of administration Central Park.
- 19 " " sheds and stable buildings.
- 3 Tracings of proposed structure at bear pit, Central Park.
- 3 " " foundation new Conservatory.
- 22 Preliminary studies of Park entrances.
- Various drawings and details of Terrace work.
- 2 Designs of Terrace niches (framed).
- 1 Designs of pavement of Esplanade (framed).
- 1 Elevation of Merchant's Gate, tracing commenced.

1 One-inch scale of detail Merchant's Gate, and general plan for reference.

1 Plaster model of piers of Merchant's Gate.

1 Large 4-inch scale plan of Merchant's Gate.

SCHEDULE OF DRAWINGS IN POSSESSION OF JULIUS MUNCKWITZ,
ARCHITECT.

Plans, elevations, and detail drawings of Belvedere.

- " " " " " Ball Players' House.
- " " " " " Children's Cottage.
- " " etc., alterations of Arsenal.
- " " of Stable.
- " " " Skate House.
- " " " Curlers' House.
- " " " Cases for Museum.

DOCUMENT No. 13.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

JUNE 7, 1870.

A report was received from Messrs. Olmsted, Vaux & Co., relative to works in progress on their designs.

Ordered, That said report be printed in document form, and referred to the Executive Committee.

GEO. M. VAN NORT,
Clerk.

No. 110 BROADWAY, June 6, 1870.

PETER B. SWEENEY, Esq.,

President, Department of Public Parks :

SIR—

In accordance with instructions embodied in resolution adopted May 31, we have to report that no work "subject to the control of your Board" is now being progressed with under our immediate direction.

In regard to the designs mentioned in our communication to the Executive Committee, we have to report that the building called *The Dairy* is one of a series planned in connection with the Children's Department in the lower Park. This series consists of the Boys' House on the Play-ground, which is completed, with the exception of a platform and some woodwork, forming part of the design, and that can be added at a cost of \$525. *The Carousel*, a structure prepared for the amusement of children, which has not yet been commenced on the ground, but for which a location has been arranged in reference to an engagement entered into by the former Board for the construction of the building on an approved plan at the cost of a lessee. *The Rustic Shelter*, one hundred feet diameter, complete, with the exception of an additional protecting rail, which experience shows should be added to the southern opening. *The Children's Cottage*, with cow stable underneath, which has been constructed with washrooms, etc., for both sexes, and an ante-room, arranged for the sale of toys, a feature of the plan that as yet remains unused to the detriment of the general design.

The Dairy completes the series, and is a stone structure, the cellar of which connects directly with one of the traffic roads, it being the intention that the building should receive its main supplies from the exterior of the Park. The Dairy is intended to serve as a refreshment room for adult visitors, and for the furnishing of supplies to parties of children who will congregate in the rustic shelter and in the play-grounds. The completion of this building, as designed in accordance with an estimate prepared in conjunction with the Architect-in-chief, will cost \$3,000.

THE CONSERVATORY TERRACE.

Our original design for the Park contemplated an extensive structure at the point occupied by the foundation work now in progress for the Conservatory Terrace. While the general design of the Park was in progress, an agreement was made by the Board with Messrs. Parsons & Co. to erect at their expense a conservatory combined with a building for the sale of flowers, in accordance with a design prepared by Mr. Vaux for them, as their architect, and approved by the Board. The laying out of the adjoining ground was accordingly adapted to this conspicuous feature of the design, and a sheet of water that might reflect the glass building was introduced, and some other accessories, including a terrace to connect the structure with the water line. Messrs. Parsons & Co. were unable to fulfil their engagement, and the design for the Conservatory remains unexecuted, the plans resting in the hands of the architect. *The Terrace* forms part of the accessory work prepared for execution as a part of the Park design, and its completion, in accordance with an estimate prepared in conjunction with the Architect-in-chief, will cost \$22,500.

THE BELVEDERE.

In our original design for the Park a towerlike structure was contemplated at this important point. At that time, however, the rocky promontory within the Reservoir inclosure was excluded from the Park, and the axial line of "The Mall" had to be adapted to the fact that this exclusion might continue.

After a number of years the right to add this promontory to the Park territory was obtained, and it was possible and desirable to place the Tower somewhat farther to the north. It also became evident that every available opportunity should be taken advantage of to give facilities for the gathering and shelter of a number of visitors in an informal picturesque way at this attractive point; the present plan was therefore prepared, adopted, and the foundation work executed. As it would be out of character to prepare for any rich architectural work at this point, which is the antithesis to the *Terrace*, and as it was a site of too great prominence to justify apparent cheapness of design, the work, though rough in actual surface, has been executed with special care and accuracy, so as to attract some attention as a piece of stone-work.

The completion of this building, as designed in accordance with an estimate prepared in conjunction with the Architect-in-chief, will cost by the day about \$96,000, taking present work as a basis for calculation, but a fair class of work may be contracted for at a proportionately lower estimate.

THE PALÆOZOIC MUSEUM.

This building is the first of a series which it is proposed should be introduced with great caution from time to time as needed in connection with the outer boundary plantations of the Park. It is thus intended to utilize the broad shaded avenue promenades

at night, as these buildings might be lighted by gas and approached directly from the sidewalk either by day or evening, additional foot entrances being thus furnished, the door-keepers taking the place of gate-keepers. This building is designed to contain a special collection of gigantic forms of rehabilitated animals now being modeled and executed by Professor Hawkins. The building has been sunk ten feet into the ground, so that it may not be a prominent feature in the landscape when seen from the interior of the Park, and the roof is designed for the same reason, with a somewhat flat pitch. The completion of the work, as designed in accordance with an estimate prepared in conjunction with the Architect-in-chief, will cost \$270,000.

There is one other design to which we have given study, which was not referred to in our letter to the Executive Committee, as no work has been done on it as yet. We refer to *the Astronomical Observatory*, intended to be built on the high ground at the northern extremity of the Park. The accompanying study has been in process of preparation, in conjunction with Professor Henry Draper. It is entirely immature, and is only allowed to accompany this report for the immediate purpose of aiding us to comply fully with the terms of the resolution of May 31. Study has been given to the question of position and general plan of a large structure to accommodate scientific, historical, and artistic collections on the Park. Also with reference to a refectory on the west side of the lake, the present arrangements for refreshment being not only imperfect, but inconsistent with the requirements of the general design. The study given to these questions is not, however, in a form to be more particularly referred to in this report.

Respectfully,

OLMSTED, VAUX & CO.,
Landscape Architects.

DOCUMENT No. 14.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

JUNE 7, 1870.

A report was received from the Clerk, as to what engagements, expressed or implied, made by the late Commissioners of the Central Park, with any persons, societies, or corporations, for the use of the lands or buildings of the Park, or any part thereof, and also the outstanding engagements or unfinished business of the late Commissioners, expedient for the action or concurrence of this Board.

Ordered, That said report be laid on the table and printed as a document.

GEO. M. VAN NORT,
Clerk.

To the Department of Public Parks :

In compliance with a resolution of the Department adopted May 24, 1870, directing "That the Clerk report to the Board what engagements, if any, expressed or implied, have been made by the late Commissioners of the Central Park, with any persons, societies, or corporations for the use of the lands or buildings of the Park, or any part thereof, and also report the outstanding engagements or unfinished business of the late Commissioners, expedient for the action or concurrence of this Board"—

I respectfully submit the following :

1. "Engagements for the use of the lands, buildings, or any part of the Park."

Messrs. Schultz & Warker agreed by their contract dated April 18, 1867, to erect, at their own cost and expense, on the Central Park, a building, and occupy the same for a term of five years, in which they were licensed to sell mineral waters, and in consideration of said license to pay, in quarterly payments, "an annual sum which shall not be less than one thousand dollars (\$1,000), and shall not exceed fifty per cent. of the gross amount of the sale of said waters on the said Park for the three months next preceding."

At the expiration of five years from the date of said agreement, the late Commissioners of the Central Park stipulated to purchase said building of Messrs. Schultz & Warker, at the then value, to be mutually agreed upon, or by arbitration, the price in no case to exceed the sum of seventeen thousand dollars (\$17,000). Said building was completed by Messrs. Schultz &

Warker, together with the necessary apparatus and appurtenances for the proper conduct of said business, at the following cost :

Building.....	\$38,959 03
Apparatus.....	4,725 00
Total	<u>\$43,684 03</u>

Monthly returns, exhibiting the gross receipts, and made under oath, are on file in the Department. No payments of percentage on account of said license have as yet been made.

Mr. C. Ryan, by agreement dated June 24, 1868, was licensed to sell refreshments at "Mount St. Vincent," the "Casino," and at such other places on the Central Park as the Comptroller may designate, for a term of five years, and to pay for such privilege a percentage of not less than fifteen per cent. (15 per cent.) on the gross receipts of sales ; also to pay in monthly instalments for all the stock, furniture, &c., in said buildings, as follows :

For stock.....	\$2,586 89
For furniture, &c.....	9,346 46
Total	<u>\$11,333 35</u>

On this account there was paid on the 15th day of July, 1868, the sum of one thousand dollars (\$1,000), since which there have been no other payments.

Mr. Ryan also agreed to give such portion of his time as might be necessary to the actual superintendence of the work of keeping the Park in order.

By a resolution of the late Board of Commissioners of the Central Park, adopted March 10, 1870, Mr. Ryan was relieved

from paying all percentage due up to January 1, 1870, and amounting to the sum of eighteen thousand three hundred and ninety-four dollars (\$18,394), he having regularly paid the license percentage during the first four months of said agreement, amounting to the sum of seventy-one hundred and sixty-one dollars and seventeen cents (\$7,161.17).

By a supplementary agreement, dated April 13, 1870, the original agreement was so modified that Mr. Ryan shall only be required to pay, monthly, absolutely five (5) per cent. on the gross receipts, and "such sum not exceeding five (5) per cent. additional, if, in the judgment of the Comptroller of the Park, the receipts are sufficient to warrant the exaction of such additional five (5) per cent. ; also extending the time for two years from January 1, 1870, within which the furniture, stock, &c., are to be paid for."

At a meeting of your Executive Committee held May 25, 1870, Mr. Ryan was relieved from that part of his agreement as requires him to give any portion of his time in connection with the works of the Park.

Monthly returns exhibiting the expenses and gross receipts of said business are made and on file in the Department. The percentage since the date of said supplemental agreement has been paid regularly to May 1, 1870, to the amount of six hundred and twelve dollars (\$612).

It is proper to add here that the furniture, stock, &c., referred to above, amounting to the sum of eleven thousand three hundred and thirty-three dollars and thirty-five cents (\$11,333.35), was the property of A. M. C. Stetson, Esq., the former lessee of the Park refreshment business, and was held by the late Commissioners of

the Central Park as security for unpaid percentage due on such business, amounting to the sum of seventeen thousand three hundred and fifty-one dollars and sixty-six cents (\$17,351.66).

Thomas S. Dick was licensed to run boats on the lakes at the Park for two years, from April 1, 1861, and pay a fee of twenty-five dollars (\$25) per year, for each boat run by him. A subsequent agreement was made with Mr. Dick, allowing him to run his boats at a sum of one thousand dollars (\$1,000) per annum. There is now due from him on account of such license one thousand dollars (\$1,000).

Messrs. Clapp, Nicholson & Platt agreed by their contract, dated March 8, 1867, to furnish and run carriages on the Park for five years, at a license fee to be settled upon by the Comptroller of the Central Park. The Commissioners have the right to purchase the horses and carriages at any time. Monthly returns of receipts are made under oath, and on file in the Department. Up to this date no money has been received on account of this license.

T. P. Rousseau, agreement dated February 17, 1870, to run until January 1, 1875, contracted to erect a carousel, to run goat carriages and invalid chairs on the Central Park, and to pay a license fee of twenty per cent. on gross receipts. No moneys have been received up to this time on account of this agreement.

G. G. Rockwood entered into an agreement with the late Board of Commissioners of the Central Park, to take and sell upon the Park photographic park views. By this agreement, dated February 11th, 1870, he is to pay a fee of fifteen per cent. on the gross receipts from such sales. Up to this time no moneys have been received on this account.

2. "Societies or Corporations."

THE NEW YORK HISTORICAL SOCIETY.

The correspondence and action of the late Board of Commissioners of the Central Park with said Society extends over a period of several years, and as yet has not resulted in any final or definite arrangement.

By chapter 46, Laws of 1862, the late Commissioners of the Central Park were authorized to set apart and appropriate to the New York Historical Society the building in the Central Park known as the New York State Arsenal, together with such grounds adjoining the same as the Commissioners might deem necessary for the purpose of establishing and maintaining by the said Society, of a Museum of Antiquities and Science and a Gallery of Art. Plans were submitted to the late Board of Commissioners of the Central Park by the New York Historical Society for the alteration of the Arsenal building; the matter was considered both in Board and committee, and resulted in the following action being had in the Board.

DOCUMENT No. 3.

BOARD OF COMMISSIONERS CENTRAL PARK.

May 10, 1865.

Mr. Russell, from the Committee on Statuary, Fountains, and Architectural Structures, consisting of Messrs. Russell, Green, and Butterworth, to whom was referred the subject of the appropriation of the old Arsenal building and adjacent lands for the use of the New York Historical Society, submitted a report, which was accepted and adopted.

On motion of Mr. Russell—

Ordered, That said report be printed as a document of the Board.

GEO. M. VAN NORT,
Clerk.

To the Board of Commissioners of the Central Park :

The Committee on Statuary, Fountains, and Architectural Structures, to whom was referred the subject of the appropriation of the old Arsenal building and adjacent lands for the use of the New York Historical Society, respectfully report, that they have examined into the matters referred to them, and have had several interviews thereon with a committee of the said Society.

The Committee are fully satisfied that the appropriation made by the Board, on the 19th April, 1864, to the New York Historical Society, was, in respect to the extent and value of the premises, fully adequate to all the exigencies of the Society for a long series of years.

With respect to the form and conditions of the appropriation heretofore made, the Committee deem them essential to protect the property for public use during the period of time required by the Society, to test its ability to raise money for and construct the buildings required for the purposes for which the Legislature authorized the appropriation ; and in case the Society should be disappointed in the large expectations it entertains as to realizing funds from subscriptions, then the conditions are necessary to insure that the title to the land conditionally appropriated shall be found where it was before the appropriation,

freed from any incumbrance or claim by or on behalf of the Historical Society.

The Committee deem that the conditions adopted by the Board are adequate for this purpose.

As, however, the Historical Society represents that the area so appropriated is too limited, that the time within which it is required to construct the buildings contemplated is too short, and that the provisions requiring office accommodations for this Board might operate to prevent subscriptions for the objects of the Society; the Committee, though not fully concurring in these views of the Society, have deemed it better that the Board should obviate all features of the appropriation heretofore made that are in any degree objectionable to the Society, in order that the Society may be able to attempt its enterprise under circumstances that it deems the most favorable.

With this view, the Committee recommend the adoption of the accompanying preamble and resolutions, which differ from the preamble and resolutions heretofore adopted, mainly in these particulars:

First—That the area of ground appropriated is considerably increased.

Second—The reservation of office accommodation is waived.

Third—That the time for constructing the building is extended from three to five years.

Dated New York, March 30, 1865.

C. H. RUSSELL, AND. H. GREEN, J. F. BUTTERWORTH,	}	<i>Committee on Statuary, Fountains and Architectural Structures.</i>
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Whereas, By an act of the Legislature of the State of New York, entitled "An act to improve the Central Park, in the City of New York," passed March 25, 1862; it was, among other things, enacted as follows, to wit:

"SEC. 1. The Commissioners of the Central Park, in the city of New York, are hereby authorized to set apart and appropriate to the New York Historical Society the building within said Park, heretofore known as the New York State Arsenal, together with such grounds adjoining the same, as the said Commissioners may determine to be necessary and proper, for the purpose of establishing and maintaining therein by the said Society a Museum of Antiquities and Science, and a Gallery of Art." Therefore,

Resolved, That the said Commissioners of the Central Park do hereby determine that portion of the said grounds hereinafter mentioned and particularly described, upon which said Historical Society shall erect buildings for the purposes and on the conditions specified in said act, and on the conditions and within the times hereinafter specified, "to be necessary and proper for the purpose of establishing and maintaining therein by the said Society a Museum of Antiquities and Science, and a Gallery of Art;" be it, therefore,

Resolved, That by virtue and in pursuance of the power and authority conferred by said act, the Commissioners of the Central Park do hereby set apart and appropriate to the New York Historical Society, for the purposes and on the conditions declared in the said act, and on the conditions hereinafter mentioned, so much and such portions of the premises hereinafter mentioned and particularly described as shall from time to time be actually covered by one or more buildings to be constructed thereon by the said Historical Society, to wit:

PREMISES.

The building within said Park, heretofore known as the New York State Arsenal, together with the grounds under, around, and adjoining the same, bounded as follows, to wit: Commencing at a point where the northerly line of Sixty-third street, if continued in the same line northwesterly, would intersect the westerly line of Fifth avenue; thence northwesterly on a line at right angles with the Fifth avenue two hundred and sixty feet; thence northeasterly on a line parallel with the Fifth avenue two hundred feet; thence northwesterly in a line at right angles with said avenue one hundred and ninety feet; thence northeasterly in a line parallel with the said avenue two hundred and sixty feet; thence southeasterly in a line at right angles with the said avenue four hundred and fifty feet to the westerly line of said avenue; and thence along the westerly line of said avenue four hundred and sixty feet to the place of beginning. To be occupied and enjoyed by the said Society for the purposes and on the conditions declared in the said act, and on the further conditions hereinafter set forth.

Resolved, further, That the above resolution or act of appropriation, and all powers and advantages that the said Historical Society may derive therefrom, are subject to the conditions mentioned in said act, and to the following further conditions, to wit:

First.—That the said Society acquires by or under these resolutions or act of appropriation, no right, title, jurisdiction, or control over any portion of said premises, except such as shall be actually covered by buildings hereafter to be erected thereon by said Society, and over those portions only

while such buildings are being erected, and after they are erected for the purposes and in accordance with the conditions of said act of the Legislature, nor over any portion of said premises until the plan of such buildings and the proposed location thereof shall have been submitted to and approved by the said Commissioners of the Central Park.

Second.—That in case the said Society shall not within two years from this date commence a building on said premises, and complete the same within five years from this date, and maintain the same for the purposes contemplated by said act of the Legislature, then the foregoing resolutions or act of appropriation shall be utterly void, and the said premises shall constitute a portion of said Central Park, free from any claim of right, interest, or jurisdiction of said Society, in all respects as though the foregoing preamble and resolutions, or act of appropriation, had not been adopted.

Third.—Nothing in the foregoing preamble and resolutions or act of appropriation contained shall be construed or taken to prevent the said Commissioners of the Central Park from making such use of any building now on said premises as they may deem fit and proper, nor to permit the said Society to take down, alter, use, or in any respect control said Arsenal building until said Society shall furnish satisfactory evidence to the Commissioners of the Central Park of its ability to erect another building on some portion of the premises aforesaid, of equal dimensions, and suitable for the purposes contemplated by said act of the Legislature.

The general object and intent of the foregoing preamble and resolutions, or act of appropriation, being to assure within the

boundaries aforesaid to the New York Historical Society ample room to construct buildings for the purposes contemplated in the said act of the Legislature, and at the same time to retain in the exclusive keeping, control, and management of the said Commissioners of the Central Park, all grounds within said boundaries not actually covered by such buildings.

“The Museum and Gallery contemplated in the first section of said act, when so established, shall be accessible to the public, under proper regulations to be adopted by the said Society and approved by the said Commissioners, and not inconsistent with the proper administration and management of the said Park.”

Resolved, That the above preamble and resolutions being “the evidence of the setting apart and appropriation of the said Arsenal buildings and grounds within the said Park to the said New York Historical Society for the purpose aforesaid,” be adopted by this Board, duly acknowledged by its President, and attested by the Comptroller of the Park, and recorded in the office of the Register of the City and County of New York.

The above action and appropriation of buildings and grounds proving unsatisfactory to the New York Historical Society; after an extended correspondence between the late Board of Commissioners of the Central Park, and the Historical Society, an act was prepared, and submitted to and approved by the late Board, April 9, 1868, and presented to the Legislature.

On the 29th day of April, 1868, Chap 478 of Laws of 1868 passed, authorizing the late Commissioners of the Central Park to set apart, and appropriate to the New York Historical Society, upon such conditions as they may deem expedient, such portion of the grounds of the Central Park lying between the Fifth

avenue and a line drawn parallel therewith, and not exceeding three hundred feet distant, westerly therefrom, between Eighty-first street and Eighty-fourth street, for the purpose of establishing and maintaining by the said Society, a Museum of History, Antiquities, and Art.

By this act, all the provisions of the act of 1862, and all resolutions and other acts or evidences of appropriations or setting apart any ground within the limits of the Central Park to the said New York Historical Society previously made by the late Commissioners of the Central Park, by virtue of said act of 1862, or otherwise, were declared to be void and of no effect.

No further action has been had between the New York Historical Society and the late Board of Commissioners of the Central Park under the law of 1868.

AMERICAN ZOOLOGICAL AND BOTANICAL SOCIETY.

By chapter 256 of the Laws of 1860, incorporating the American Zoological and Botanical Society, the late Commissioners of the Central Park were authorized to create and establish Botanical and Zoological Gardens within the Central Park. No official action was taken by the late Board on this subject.

THE AMERICAN MUSEUM OF NATURAL HISTORY.

By a resolution of the Department adopted May 24 last, I was directed to communicate all the correspondence and action had by the late Board on this subject to the Executive Committee, which I had the honor of complying with on the 27th day of May last. (See Doc. No. 11.)

At the request of the Seventh Regiment Monumental Association, the late Board set apart and appropriated a site for a

monument to be erected by said Association, opposite the Warriors' Gate, at the north end of the Park, and will probably be placed in position during the coming autumn.

On the 23d day of May, 1864, the corner-stone of a monumental statue to the memory of William Shakespeare was laid at the southwest corner of the Mall in the Central Park by the Shakespeare Monumental Association, under authority of the late Board of Commissioners of the Central Park. No structure has at this time been erected at the site indicated.

3. "Outstanding engagements."

On the 20th day of February, 1869, Marshall O. Roberts, Esq., presented a colossal statue of Columbus to the late Commissioners of the Central Park, with the understanding that a suitable glass-house be provided to protect the marble from the weather. The statue is now at Mount St. Vincent building on the Park, but no steps have been taken toward providing the shelter for it other than the submitting of a design for the same by Mr. Mould.

On the 23d of April, 1867, a contract was entered into with Herr Ferdinand Von Muller, Director of the Royal Bronze Foundry at Munich, for the casting in bronze of the figures for the central fountain on the esplanade of the Terrace, at the Central Park, amounting to the sum of twenty-two hundred pounds sterling (£2,200), payable in London. In accordance with this agreement, one payment has been made on account of the contract, leaving a balance unpaid of eleven hundred pounds sterling (£1,100).

There are at this time contracts in existence between the late Board of Commissioners of the Central Park and Messrs. William

Rumble, George S. Greene, Jr., and Thomas C. Cornell, respectively, for services rendered in making surveys in Westchester county, south of the south line of the town of Yonkers, under the law of 1869. Bills for portions of such surveys are now in the office and unpaid, as follows:

William Rumble, town of West Farms.....	\$3,575 90
George S. Greene, Jr., "	10,279 20
Thomas C. Cornell, town of Yonkers.....	2,380 00
Total.....	<u>\$16,235 10</u>

J. H. Sullivan & Co., contract dated June 7, 1867, for regulating and grading the Seventh avenue to the full width of one hundred and fifty (150) feet, from the northerly line of One Hundred and Tenth street to the northerly line of One Hundred and Forty-seventh street.

By engineer's estimate to May 21, 1870, the following work has been done:

Rock excavation.....	213,400 cubic yards.
Earth "	26,600 "
Earth " to be rehandled..	10,800 "

The total payments on this work up to June 1, 1870, were three hundred and fourteen thousand four hundred and ninety-seven dollars (\$314,497), of which the sum of fifty-five thousand dollars (\$55,000) was on account of reserved percentage, leaving a balance of reserved percentage on said contract of forty-nine thousand eight hundred and thirty-three dollars and fifty cents (\$49,833.50).

Thomas Crimmins, contract dated September 13, 1866, for regulating and grading the Seventh avenue to the full width of

one hundred and fifty feet, from the northerly line of One Hundred and Forty-seventh street to the centre line of the exterior street on the Harlem River.

By Engineer's estimate to May 16, 1870, the following work has been done :

Rock excavation.....	70,780 cubic yards.
Earth excavation.....	38,000 “

The total payments on this work up to June 1, 1870, were one hundred and two thousand one hundred and twenty-five dollars and twenty cents (\$102,125.20), of which the sum of seventeen thousand five hundred dollars (\$17,500) was on account of reserved percentage, leaving a balance of reserved percentage of thirteen thousand six hundred and twenty-six dollars (\$13,626).

J. H. Sullivan & Co., contract dated August 8, 1868, for filling in Sixth avenue, between south side of One Hundred and Thirty-eighth street and north side of One Hundred and Forty-fifth street.

By Engineer's estimate to March 19, 1870, the following work has been done :

Filling.....	106,000 cubic yards.
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The total payments on this work up to March 19, 1870, were fifty-two thousand nine hundred and twenty dollars (\$52,920); a balance of six thousand three hundred and sixty dollars (\$6,360) reserved percentage remains unpaid.

J. H. Sullivan, contract dated June 7, 1869, for regulating and grading One Hundred and Forty-fifth street, from the Sixth to the Seventh avenue.

By Engineer's estimate to May 14, 1870, the following work has been done :

34,000 cubic yards of filling furnished.

The total payments on this work up to May 19, 1870, were twelve thousand two hundred and forty dollars (\$12,240). One thousand three hundred and sixty dollars (\$1,360) reserved percentage remains unpaid.

J. H. Sullivan & Co., contract dated August 2, 1869, for Telford foundation and macadamizing for Seventh avenue.

No estimates on account of this work have as yet been returned by the Engineer.

Thomas Crimmins & Son, contract dated August 1, 1868, for filling in, regulating, and grading portion of Sixth avenue, between the northerly line of One Hundred and Forty-fifth street and the northerly line of One Hundred and Forty-sixth street.

By final estimate of Engineer to February 13, 1870, the following work has been done :

Filling..... 15,368 $\frac{19}{100}$ cubic yards.

The total payments on this work up to June 1, 1870, were nine thousand two hundred and twenty dollars and ninety-one cents (\$9,220.91).

Thomas Crimmins & Son, contract dated August 13, 1869, for rock excavation on Sixth avenue, between One Hundred and Forty-fifth street and One Hundred and Forty-sixth street.

By Engineer's final estimate to December 1, 1869, the following work has been done :

Rock excavation..... 614 $\frac{823}{1000}$ cubic yards.

The total payments on which, amount to nine hundred and twenty-two dollars and twenty-three cents (\$922.23).

John P. Cummings, Jr., contract dated November 30, 1869, for regulating and grading the Avenue Saint Nicholas, from the

northerly line of One Hundred and Twenty-fifth street to the southerly line of One Hundred and Fifty-fifth street.

By Engineer's estimate to April 18, 1870, the following work has been done:

Rock excavation.....	1,000	cubic yards.
Earth "	9,700	"

The total payments on this work up to April 18, 1870, were four thousand and eighty-four dollars (\$4,084). The sum of one thousand and twenty-one dollars (\$1,021), reserved percentage, remains unpaid.

J. T. & J. B. Smith, contracts February 21, 1870, for masonry and stone work on the stable building, amounting to twenty-eight thousand dollars (\$28,000), on which no payments have as yet been made.

J. G. Batterson, contract dated June 17, 1870, for granite work on basin for large fountain at Terrace esplanade, ten thousand three hundred and fifty dollars (\$10,350), on which no payments have as yet been made.

J. B. & W. W. Cornell, contract dated March 25, 1870, for iron work on stable building, nine thousand eight hundred and ninety-three dollars (\$9,893), on which no payments have as yet been made.

Henry Parry, contract dated November 16, 1869, for two panels in the arcades of the Terrace, two thousand two hundred and ten dollars (\$2,210), on which no payments have as yet been made.

4. "Unfinished business of the late Board of Commissioners of the Central Park, requiring the action or concurrence of this Board."

The surveying and mapping of Westchester county south of the south line of the village of Yonkers, and a line in continuation thereof to the Harlem Railroad, and the work of laying out the north end of the island and setting monuments; in relation to which I append a communication from Mr. John J. Sewell, Engineer, who lately had the care of said work; the Park walls; completion of the circle at Fifty-ninth street and Eighth avenue; perfection of a plan for the improvement of the square at Fifty-ninth street and Fifth avenue; work at the Conservatory; the completion of the Dairy-house; the Belvedere; the Palæontology building; offices of administration and stables; horse-drinking fountain at circle; Central Fountain at Terrace, with till work at foot of east and west steps of Terrace.

By chapter 350 of the Laws of 1869, the Board of Supervisors of the City and County of New York were authorized, upon the request of the Commissioners of the Central Park, to be expressed in writing and not otherwise, to make such appropriations, not exceeding thirty thousand dollars (\$30,000), as to them may be thought proper, to defray the expenses of erecting a monument in said county, to commemorate the services of the soldiers and sailors of New York county in the war for the preservation of the Union, to be located and erected under the charge and direction of said Commissioners.

A requisition was made on the Supervisors, in compliance with the law, for the said sum of thirty thousand dollars (\$30,000). The money was raised, and is now in the hands of the Comptroller of the city, awaiting the action of this Department.

Dated New York.

Respectfully submitted.

GEO. M. VAN NORT,
Clerk.

APPENDIX.

No. 53 EXCHANGE PLACE, }
May 27, 1870. }

GEORGE M. VAN NORT, Esq.,

Clerk, &c. :

DEAR SIR,—In answer to your wish, expressed to me yesterday, that I would send you an account of the unfinished works lately under the control of the Commissioners of the Central Park which were specially in my care as Engineer prior to my resignation last month, I would state as follows :

Under chapter 565 of Laws of 1865, the part of the city north of One Hundred and Fifty-fifth street has to be laid out into streets, &c., and much remains to be done in setting monuments, to designate streets already laid out, and in preparing maps for filing, pursuant to the law. In my opinion, several more streets should be laid out, and grades be established for them. Maps have been made and filed, showing the streets laid out south of Inwood street prior to February, 1869, and also the grades of them ; but whenever it is decided that all the needed streets, &c., have been laid out, it will be necessary to file complete maps, showing all the streets, grades, &c., laid out under authority of the law.

Under chapter 697 of Laws of 1867, the Board have power to make alterations in the map or plan of the city, within the distance of three hundred and fifty feet of Central Park on the north and east and south sides, and when such power is exercised (if it is deemed necessary to do so), final maps, showing the laying out, &c., in the whole district embraced by the law must be filed, and the time to do so is limited by the law, I think, to January, 1872.

Under chap. 826 of Laws of 1869, much surveying and mapping has been done and contracted for, but much is yet uncontracted for, and ought to be promptly attended to, if the Department of Public Parks intends to exercise the powers delegated to it, and endeavor to perform the works within the time limited by the law. I am informed that a law has lately been enacted imposing additional powers and duties on the Department in relation to bridges, &c., across the Harlem river, but I have not become conversant enough with its provisions to express much opinion on it, although I believe it must be taken in connection with chap. 826 of Laws of 1869, under which I have been acting.

The foregoing has been written from memory, not having the volumes of laws here, and it is possible that I may have misquoted some of the chapters or dates.

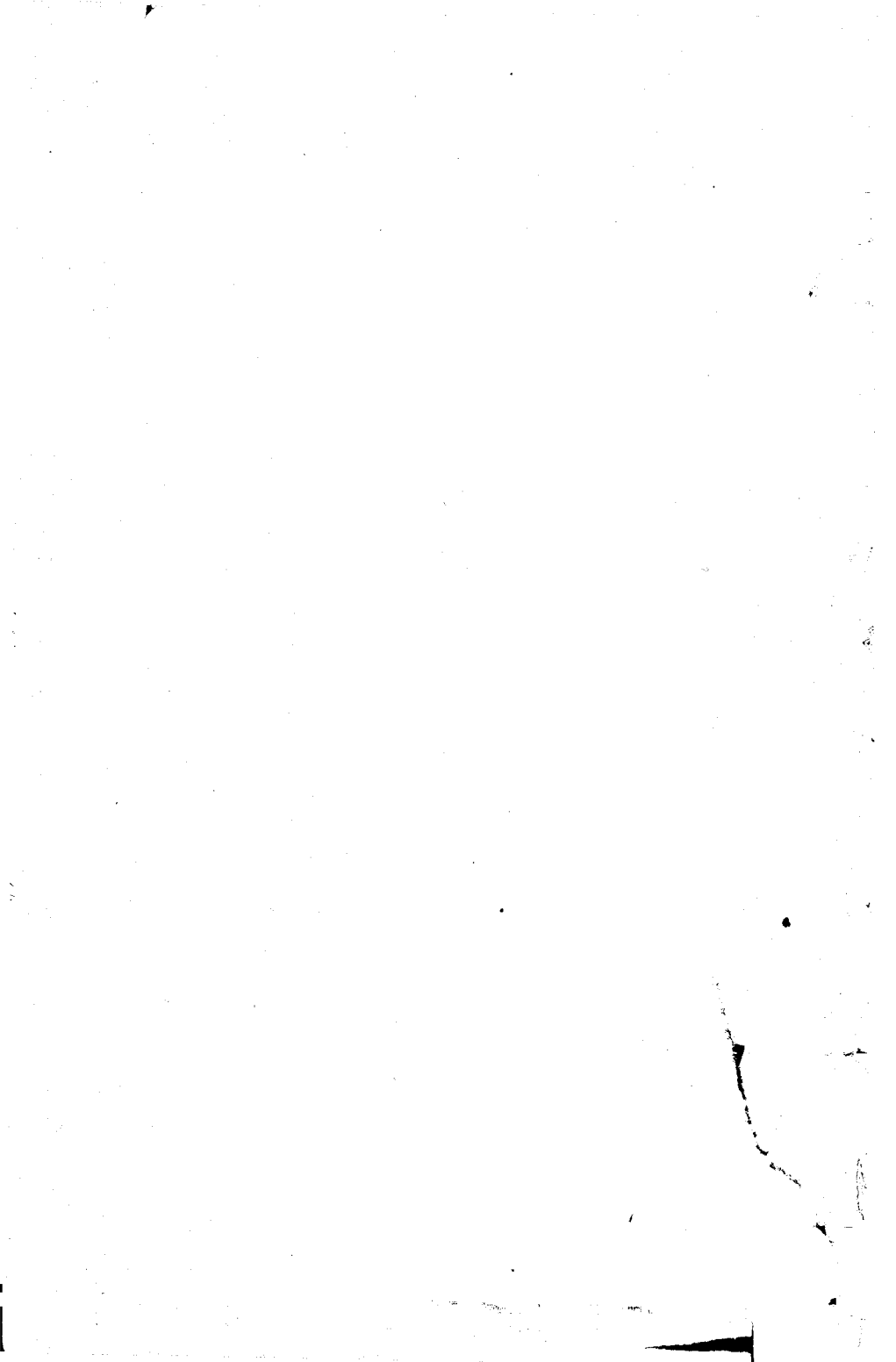
Before quitting the duties in which I was engaged with the late Commissioners of the Central Park, I made an abstract of the uncompleted works which had been under my care, and accompanied with written suggestions for the prosecution of the several works, gave it to Commissioner Green, because I felt, as I do now, desirous that those works with which I had been identified should be carried on with as much ease as they could be, and the same system be continued as they were begun under; and having, as you know, determined since last Christmas that I would, by recreation, this summer, endeavor to recruit my health, I would not leave to memory of any one the state of several works. Not having preserved any copy of such memoranda, I am unable to furnish as much detail as was contained in them, but, of course, it can be obtained from Mr. Green.

My proposed departure for the West on Wednesday next will prevent my giving much time to any but private affairs before

then, but should you desire any further information that I can give, I will endeavor to furnish it.

Yours, respectfully,

JOHN J. SERRELL.



DOCUMENT No., 15.

IN EXECUTIVE COMMITTEE,

DEPARTMENT OF PUBLIC PARKS,

OCTOBER 4, 1870.

Whereas, The present grade established by law for the Eighth avenue involves the reconstruction in a great degree of that portion of the Central Park lying adjacent to that avenue and One Hundred and Tenth street, including the various transverse roads and drives connected therewith; all which, in general outline, appears from the report of the Engineer-in-chief to this Department, dated September 27, 1870; and

Whereas, The changes required being so great, it is desirable that the reconstruction and alterations, when entered upon by this Department, should not be misunderstood or misapprehended by the public; therefore,

Resolved, That five hundred copies of the Engineer-in-chief's report upon the subject be printed for general distribution.

GEO. M. VAN NORT,

Clerk to Committee.

DEPARTMENT OF PUBLIC PARKS,
BUREAU OF CONSTRUCTION AND REPAIRS, }
NEW YORK, September 27, 1870.

HON. PETER B. SWEENEY,

President Department of Public Parks :

SIR—Agreeably to the resolution adopted by your Board on the 16th inst., viz. :

“That the Engineer-in-Chief forthwith prepare plans and specifications for excavating, laying, and constructing the Eighth avenue wall of the Central Park, where not already constructed, and also for constructing the sidewalk and planting trees thereon, on a plan similar to that already adopted on the Fifth avenue side of the Park.”

I respectfully submit the following report of the effect upon the Central Park of the change of grade of the Eighth avenue, together with plans and sections explanatory of the manner in which I propose to construct the wall and to treat the ground adjacent to the avenue :

PARK ENTRANCES AND TRANSVERSE ROADS.

Transverse Road No. 1 at Sixty-sixth street.

The new grade at this point is two and one third feet above the original grade, and it will be necessary to increase the grade of the Transverse road to an ascent from the first bridge east, three hundred and forty-four feet distant, of one foot in twenty-

one and a half feet. The present grade is one foot in twenty-five, and is the steepest on the road.

The wall will have to be raised and might be commenced at once, but the filling of the roadway should be delayed until the avenue is graded.

Park Entrance at Seventy-second Street.

The grade here is lowered two feet, and will increase the ascent from the avenue to the crown of the arch over the Bridle road, about sixty feet distant, to about one foot in twenty-four.

This work should not be done until the grading of the avenue is being made.

Transverse Road No. 2 at Seventy-ninth Street.

The grade here is raised fifteen and seven twelfths feet, and will make a descent from the avenue of one in fifteen and four fifths feet on the Transverse road for a distance of three hundred and forty feet to the first bridge east.

The present grade is light, and the highest grade on the road is one in twenty-two and a half feet.

I consider the new grade to be so great an objection to the road that I should change the position of this portion of the road and turn it northerly from the bridge, making the entrance on the avenue at Eightieth street.

This would lengthen the road so as to reduce the grade to about one foot in twenty-one, or about the maximum grade upon

other parts of the road (Sketch No. 4). The change of the position of the road will necessitate a change of the Bridle road and walks connected with the present entrance.

I have indicated these changes on the drawings Nos. 5 a and 5 b.

Further consideration will be necessary in reference to these and other details, if the change of the Transverse road is decided upon.

The work, or a portion thereof, can be commenced as soon as the plans are perfected.

Park Entrance at Eighty-fifth Street.

The grade of the avenue at this point is reduced twelve feet, making it necessary to cut down the entrance drive, with wide side slopes from the avenue to three hundred and fifty feet within the Park.

The excavation will be mostly of rock.

The present entrance drive is level, and gradually descending into the Park. The change will make an ascending grade of from one in twenty to one in twenty-five feet, followed by an immediate descent after reaching the summit, and, besides, it will be very difficult to make the general effect pleasing.

The accompanying sections, Nos. 6 and 7, show the proposed method of treatment. I also give sketch of proposed change of the line of entrance drive so as to obtain easier grades and avoid undulations, and afford persons entering the Park at this point equal facilities to go either northward or southward.

This work cannot well be prosecuted until the grading of the avenue is being done.

Transverse Road No. 3 at Eighty-sixth Street.

The grade here is raised two feet, and does not materially affect the road. The work of raising the wall and building of the posts at entrance can be commenced at once.

Park Entrance at Ninety-sixth Street.

The slight change of grade (five inches) does not materially affect this entrance.

Transverse Road No. 4 at Ninety-seventh Street.

Here the grade is raised one and four fifths feet, and does not materially affect the road. The posts at the entrance will have to be taken down and rebuilt, and, together with the side wall, can be commenced at once.

Park Entrance at One Hundredth Street.

The grade of the avenue at the entrance is raised eight and a half feet. The present grade of the Drive is about one in thirty for a short distance from the avenue. It will be necessary to change the grade from its juncture with the main West Drive to give it an easy grade.

The walls extending from the entrance will have to be modified. There is no practical difficulty as to the facilities of this entrance, but no work can be done until the work on the avenue is being done.

Park Entrance at One Hundred and Tenth Street.

The grade of the avenue here is seventeen and three quarters feet above the old grade.

It will be a matter of considerable cost to raise the walk and the grounds adjoining so as to give the same facilities of entrance as at present.

This work cannot very well be done until the grading of the avenue progresses.

Second Exterior Slopes and Inclosing Wall, between Fifty-ninth and Sixty-sixth Streets.

On this portion, during the year 1869, the wall below the grade of the sidewalk was taken down and relaid, base course set, and the slopes inside the Park reshaped to conform to the new grade. The upper portion of the wall only is to be built.

This cannot be advantageously done until the avenue is graded. Probably the grading will not be sufficiently advanced to admit of the construction of the wall until next year.

Between Sixty-sixth and Seventy-second Streets.

Upon this part the original design was to construct a battered or retaining wall from the Transverse road at Sixty-sixth street to Seventieth street, and a vertical wall from Seventieth street to Seventy-second street, and the foundations were put in accordingly. The grade of the avenue is reduced two feet on nearly

the entire distance, which will cause the whole foundation to be taken up and rebuilt.

The present surface of the ground between Sixty-sixth and Seventieth streets, inside the Park, is mainly rock, and much above the grade of the avenue. If excavated, the material can be made available for the heavy foundations and material required for filling north of Seventy-second street. I would, therefore, recommend that the material be excavated so as to admit of the construction of a vertical wall, with such slope as can be covered with sufficient earth, to be planted with trees and shrubs and be grassed over (see Sketch No. 2).

Between Seventy-second and Seventy-fourth Streets.

The original design was to construct a battered inclosing wall, and the foundation has been laid. A portion only will have to be taken up, as the remainder can be raised.

I do not consider it practicable to alter the plan of the wall, on account of the proximity of the Bridle road, which will not admit of the necessary excavations for the trench and slope required for a vertical wall.

Between Seventy-fourth and Seventy-ninth Streets.

The grade upon this portion is raised, and varies from sixteen to twenty-two and one half feet.

The high filling will materially change the character of this portion of the border of the Park. The transitions must be abrupt and artificial under the best treatment.

It will be necessary, in order to make room for the avenue slopes, to change the Bridle road and to fill in a portion of the small Pond, and to protect the border of the Pond and the steeper portions of the slopes with walls or rock work. It is very difficult to give to these elevated portions of the avenue an easy and natural appearance, and to screen from view within the Park the avenue and objects upon or beyond it. (Drawings are appended showing the proposed form of wall, filling, slopes, &c.—Nos. 3 a and 3 b.)

This work can be commenced as soon as the season will permit of the transplanting of the trees and shrubs that have attained a vigorous growth, and can be done, in connection with the excavation between Sixty-sixth and Seventieth streets, during the winter months.

Between Seventy-ninth and Eighty-sixth Streets.

The original design was a battered or high wall, except such portions between Eightieth and Eighty-first and Eighty-second and Eighty-fourth streets, where the wall was to be omitted on account of the high rock on the Park side. From Seventy-ninth to Eighty-second street I should recommend a vertical, low wall, and thence north as originally designed.

Between Eighty-sixth and Ninety-first Streets.

Upon this portion the grade has been raised, and varies from fourteen to sixteen and a half feet. It will be necessary to change the surface of the Park for some distance. The trees will have to be removed, and measures must be taken to drain the Park grounds by a sewer that will be independent of the or-

dinary street sewer. I am unable to develop the plan definitely without further investigation.

The plan of wall, slopes, &c., will be as shown by sketch of wall and filling at One Hundred and Ninth street, and Sketch No. 9.

The work in connection with the excavation north of Ninety-first street can be prosecuted at once.

Between Ninety-first and One Hundred and Third Streets.

Upon this portion the foundation for the wall is built from Ninety-first to Ninety-fourth street, and the wall itself is generally built from Ninety-fourth to One Hundred and Third street—part battered and part vertical—the most of which must be taken down and rebuilt.

I would recommend that the whole length, with the exception of the connection with the entrances at Ninety-sixth street, and the Transverse road at Ninety-seventh street, be inclosed with a vertical wall, treating the slopes where excavation occurs the same as proposed at Sixty-eighth street, and where filling occurs the same as at Eighty-eighth street. A part (north of One Hundredth street) will have to be built with a higher vertical face on the Park side, in order to avoid filling over the present planted slope and moving the walk adjoining, the present slope at that point being as steep as practicable.

The excavation and taking down of the wall can be commenced at once, and, together with the filling and construction of the dry foundations, can be prosecuted during the winter months.

Between One Hundred and Third and One Hundred and Seventh Streets.

Upon this portion the surface of the ground on the Park side is from twenty to thirty-five feet above the present surface of the avenue, and mainly rock, a portion of which is soft or disintegrated. The new grade for a portion of the distance is about seven feet lower than the old grade, which increases the height of the surface from twenty-five to forty-two feet above the grade of the avenue.

It was decided to construct a battered wall where the soft rock occurs, and the foundation was built. This must be taken up.

In front of the solid rock the wall was to be omitted.

I would recommend that a battered wall be constructed for the entire distance, and the rock excavated therefor, where not already excavated, and that the slope be terraced and covered with sufficient earth to admit of planting shrubs and vines.

This method will afford a large quantity of material, which will be required north of One Hundred and Seventh street, and at the same time give a finish to the border and afford safety.

The work of excavating the terrace can be commenced at once.

Between One Hundred and Seventh and One Hundred and Tenth Streets.

The grade upon this part of the avenue has been raised from five feet at One Hundred and Seventh street to seventeen and three quarters feet at One Hundred and Tenth street.

The elevation of the grade will require a large amount of filling in the present depression between the base of the Park hill and the avenue, extending to, and perhaps crossing, the walk skirting the hill.

The necessary extension of the high grade from the avenue along One Hundred and Tenth street will cause a similar filling to be made to near the Sixth avenue.

I consider the necessity of this filling most unfortunate and detrimental to the attractiveness of the Park, as it will depress and diminish the elevated rocky slopes, which are the chief features of this vicinity.

The foundation that has been laid for a vertical wall along the Eighth avenue, and also along One Hundred and Tenth street to Sixth avenue, will have to be in part taken up and raised (Sketch No. 9).

The contemplated work is, as a whole, one of great importance, involving the entire reconstruction of the border work of the Park on the Eighth avenue and on One Hundred and Tenth street, that has already been accomplished or advanced, and which has been adapted to the various circumstances of the ground, together with the original grade of the avenue.

In execution, the work will be subject to many contingencies. The grading of the avenue, for which the contracts extend from one to three years, is being done independently of the Park work, and will retard and render difficult and expensive the latter, and it will be necessary to prosecute a portion of the work as the grading of the avenue progresses.

I would recommend that all the trees and shrubs required to be removed be taken up and transplanted this season at the proper time.

In the foregoing report I have given a general plan of the work required to be done, with sketches of the same.

Much of the work can be commenced at once, but for a portion of it surveys and plans will have to be made in detail. These can, from time to time, be submitted to the Board for consideration and approval.

The construction of the sidewalks and the planting cannot be prosecuted until the grading of the Eighth avenue is done, and this is now progressing at two points. It is probable that the grading from Fifty-ninth street to Seventy-second street will be advanced, so that upon that portion the walks can be constructed and the planting done during the next season.

The drawings and sketches, illustrative of the plans proposed, accompanying this report, are as follows, viz. :

No. 1—Profile showing the original or existing grades and the new or legal grades.

No. 2—Section of proposed plan of inclosing wall, and finish of slopes at Sixty-eighth street.

No. 3—Map and profile of border, Seventy-fifth street to Eighty-first street, with sections at Seventy-sixth and Seventy-seventh streets, showing proposed changes of Bridle road and Pond.

No. 4—Profile of proposed change of Transverse road No. 2.

No. 5—Sketches (Nos. 1 and 2) showing suggestions as to two different entrances, arrangements of bridle roads, walks, &c., at the present and proposed sites of entrance of Transverse road No. 2.

No. 6—Map and profile at entrance at Eighty-fifth street, with sections of ground, &c.

No. 7—Sketch of proposed change of Drive at Eighty-fifth street entrance to lighten grade and prevent undulations.

No. 8—Sections of proposed plan of inclosing wall and slop terraced from One Hundred and Third street to One Hundred and Seventh street.

No. 9—Section of inclosing wall and filling between One Hundred and Seventh street and One Hundred and Tenth street.

Respectfully submitted,

M. A. KELLOGG,

Engineer-in-Chief.

DOCUMENT No. 16.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

NOVEMBER 22, 1870.

A report was received from William H. Grant, Engineer in charge of Bureau of Civil and Topographical Engineering, relative to the organization of said Bureau and the work in progress.

Ordered, That said report be laid on the table and printed in document form.

GEORGE M. VAN NORT,
Clerk.

REPORT.

DEPARTMENT OF PUBLIC PARKS,
BUREAU OF CIVIL AND TOPOGRAPHICAL ENGINEERING, }
October 5, 1870. }

HON. PETER B. SWEENEY, *President of Board*
of Commissioners, Department of Public Parks :

SIR—I have the honor to submit the following report upon the condition of this Bureau, with such few suggestions as I have had time to mature.

Since assuming (on the 23d ultimo) the duties conferred upon me, I have been engaged, with the assistance of a clerk, in examining and putting in order the large collection of maps and papers deposited in the rooms assigned to me, and in making myself acquainted, as far as practicable, with the extent and condition of work done, with the several acts of the legislature in reference to the subject, and with the nature and demands of the work requiring the earliest attention.

A map, ordered under the act of the legislature (chap. 626), passed May 5, 1870, in reference to an Eastern Boulevard, etc., has recently been completed, covering that part of the city lying east of Central Park and Sixth avenue, and north of Fifty-seventh street to the Harlem river. This map is a basis for the study and laying out of such improvements as may be deemed advisable in the part of the city that it embraces. It will be necessary to

have in connection with this map a copy of the works recently planned by the Morrisania Commission on the opposite side of the Harlem river. I understand that the map prepared by the Commission is not quite completed, but that it will be practicable to obtain a copy in a few weeks.

Under the acts passed May 11, 1869, and May 19, 1870, in reference to improvements of portions of the Counties of Westchester and New York, and to provide facilities of communication between the said counties, topographical maps have been made of a part of the town of West Farms and a portion of the town of Yonkers lying immediately north of Spuyten Duyvil Creek. These maps cover about 2,500 acres of ground. About 4,900 acres in the towns of West Farms and Yonkers (principally in Yonkers) remain to be surveyed and mapped. The act of May 19, 1870, limits the time for the completion of this work to May 19, 1871. The surveys and maps thus far made, have been made under contracts. I have not had opportunity to verify personally the work done, but am informed by Mr. John J. Serrell, under whose direction the work was commenced, that it has been satisfactorily done. The expense for the remaining surveys and maps (exclusive of other work embraced in the acts), estimating upon the basis of what has been done, would be

For the town of Yonkers, about.....	\$40,000
“ “ West Farms, about.....	8,000

The time limited by the act of 1870 is short for completing the surveys and maps (which work is only preliminary to other duties to be performed under the act). The expense would be large to draw from the towns in one year. The surveys and maps can be made within the time, but would require very prompt arrangements.

The surveyors who have done the work hitherto, in a satisfactory manner, would probably be the most suitable persons to continue the work. As some of them are desirous to make their arrangements for a continuance before their assistants make other engagements, I would recommend that contracts be entered into for completing at least the unfinished portion of West Farms, of about 800 acres, and about a similar area in the western and northern part of Yonkers. Upon this and the remaining portion of the towns, and the limits of time to be affixed to the contracts, I desire instructions.

The foregoing relates to the Fourth or "East Side Division" and the Third or "Westchester Division." A Division Engineer is not immediately necessary for the Fourth Division. If the surveys and maps of the Westchester (Third) Division are made by contract, no Division Engineer will be required for that division until the work is considerably further advanced.

SECOND OR "HARLEM RIVER DIVISION."

Upon this division a Division Engineer could be advantageously employed at once. The work is not of such a nature as to be done properly by contract. The first work would be to develop the sites of the crossings of the Harlem river, to complete the hydrographic surveys of the channel, with the necessary soundings, borings, register of tides, etc.

FIRST OR "WEST SIDE" DIVISION.

I have not yet made myself sufficiently acquainted with the work embraced in this division to report upon it to much extent. Mr. Serrell informs me that the grades of some of the established streets remain to be examined and established, and some new lines of streets should be developed.

I am informed that a surveyor is engaged setting monuments for the newly established streets, but I have not yet been able to visit that part of the work. I will report upon it at the earliest moment.

A competent topographical draftsman is wanted immediately, and I am looking for a suitable person to recommend for the place. A draftsman should also be employed for the special duty of reducing and compiling the maps of the Third or Westchester Division. This work has recently been interrupted by the transfer of the draftsman engaged upon it to another bureau.

I have employed a draftsman temporarily, to make up approximately a map of convenient size for general reference of all the territory embraced in the charge of the bureau. I have had examinations made within a few days past, at a small expense of the principal streams in the southerly part of Westchester county, for the purpose of ascertaining the amount of water they now furnish. As the season has been one of unusual drought, and the fall rains are liable to set in so as to prevent observations, it was thought important to obtain, without delay, the minimum supply of water that these local streams afford. The matter will be reported as soon as a statement can be prepared.

Requisitions have been made for such cases, for papers and for other materials, stationery, etc., as are immediately wanted for the office, and the numerous and valuable papers will be classified and carefully and conveniently arranged as soon as the cases are received.

Respectfully submitted,

WILLIAM H. GRANT,

Engineer in charge.

DOCUMENT No. 17. •

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

NOVEMBER 22, 1870.

The Treasurer presented an estimate of the amount of moneys required for the completion of surveys in the towns of Yonkers and West Farms, Westchester County, under the act of 1869 (chap. 826).

Ordered, That said estimate be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

ESTIMATE.

HON. PETER B. SWEENEY,

President of Department of Public Parks :

SIR—The total amount to be paid to surveyors for the preliminary topographical surveys and maps of Westchester County, under the act of 1869 (chap. 826), is estimated at . . . \$70,000 00

Of this sum the amount estimated for the town of

West Farms, is	25,000 00
and for the town of Yonkers	25,000 00

WEST FARMS—

Total as above	\$25,000 00
Amount received	10,000 00

Balance required for surveys due, and to become due by first of May, 1871	15,000 00
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To this should be added for such other expenses as may be incurred under the act, prior to November, 1871, in preparing plans and laying out improvements	5,000 00
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This would make the requirement, up to November, 1871	<u>\$20,000 00</u>
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YONKERS—

Total as above..... \$45,000 00

Amount received..... 10,000 00

Balance required to complete surveys . 35,000 00

The contracts prepared for completing the surveys are conditioned to require an expenditure of about \$16,000 by the first of May, 1871, and beyond this the balance of 19,000 00 may be rescinded by the department if desired.

Leaving for surveys to first of May..... \$16,000 00

As it is supposed, however, that the surveys will be continued next season, and that other expenses will be incurred under the act, it is recommended to add 4,000 00 to apply to the work from May to November, 1871, at which time such further call can be made as shall appear necessary.

Making the requirement up to November

1871..... \$20,000 00

Larger amounts than above can be advantageously expended in the towns before the proceeds of another call would be received; but these amounts are supposed to be about as large as would be satisfactory to the towns to contribute within one year.

Very respectfully,

WM. H. GRANT,
Engineer in charge.

November 2, 1870.

DOCUMENT No 18

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

NOVEMBER 22, 1870.

A report was received from the Executive Committee relative to the grade of Fourth avenue, between Eightieth and Eighty-ninth streets.

Ordered, That said report be laid on the table, and printed in document form.

GEO. M. VAN NORT,

Clerk.

REPORT.

The Executive Committee, to whom was referred the application of H. B. Gray and others, relative to the grade of Fourth avenue, between Eightieth and Eighty-ninth streets, committed the subject to the investigation of Mr. Grant, acting chief of the Bureau of Civil and Topographical Engineering, who has made a report thereon, which your Committee attach hereto, and adopt the views therein expressed.

H. HILTON,

for Executive Committee.

In the matter of the petition of H. B. Gray, Henry Muhlker, and others, dated September, 1870, relating to the establishment of the grade of Fourth avenue, between Eightieth and Eighty-ninth streets, in accordance with a map accompanying the petition, I have to report, that the establishment of the grade as requested on Fourth avenue would involve, also, the revision and establishment of the grades of considerable portions of the intersecting streets from Eightieth to Eighty-ninth street; together with the examination of such other local questions as might arise. Besides this, it is probable that other questions of a more general nature, connected with the contemplated East Side improvements, would arise, and it would be premature

now to enter upon the matter set forth in the petition. The preliminary maps of the East Side district have only just been completed, preparatory to the examination of the question at large of the improvements of that district, under the act of May 5, 1870.

Very respectfully,

WM. H. GRANT,

Engineer in charge.

DOCUMENT NO. 19

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

NOVEMBER 22, 1870.

A report was received from the Comptroller, submitting a list of donations received at the Central Park Museum.

Ordered, That said report be laid on the table and printed in document form.

GEO. M. VAN NORT,

Clerk.

REPORT.

CITY OF NEW YORK, DEPARTMENT OF PUBLIC PARKS, }
No. 265 Broadway, November 14, 1870. }

To the Department of Public Parks :

Herewith I submit a statement of donations to the Department of Public Parks, since April 20, 1870, the receipt of which has been duly acknowledged, and the donations, amounting to one hundred and forty-six specimens, placed with the collection at the Central Park.

Very respectfully,

GEO. M. VAN NORT,
Comptroller Department Public Parks.

List of Donations to the Central Park since April 20, 1870.

	1870.	DONATED BY
April 27.	One Horned Owl,	E. D. Seeley.
" 27.	The Skull of a Narwhal,	Dr. J. J. Hayes.
" 27.	The Skeleton of a Seal,	F. Hauesen.
" 27.	One Small Alligator,	W. H. S. Wood,

	DONATED BY
1870.	
April 27. One Barred Owl,	C. D. Eckerson.
May 6. One Sea Gull,	John Arkhurst.
“ 6. Two Virginia Deer,	Hon. August Belmont.
“ 10. Three Specimens of Minerals,	George W. Klein.
“ 14. One Woodchuck,	J. W. Manning.
“ 14. One Horned Owl,	A. Berkman.
“ 16. Eleven Specimens of Minerals,	E. F. Sanford.
“ 16. Three Canada Wild Geese,	Hon. August Belmont.
“ 18. One Coatimundi,	Alfred Mason.
“ 18. Two Gray Foxes,	A. G. Spies.
“ 18. One Albino Fallow Deer,	A. H. Barney.
“ 18. One Collection of Minerals,	George W. Klein.
“ 18. One Specimen of Fish in Alcohol,	J. Anderson.
“ 18. Three Silky Fowls,	J. Brice.
June 8. One Robin,	Dr. Noah C. Leving.
“ 8. One pair White Rats,	M. L. Leavenworth.

1870.		DONATED BY
June	8. One Raccoon,	Mrs. Joanna Ebbitts.
"	8. One Monkey,	Seymour Burrell.
"	8. Plants from Cape of Good Hope,	Ludwig Wiener.
"	8. One Painted Turtle,	Edward Cauvet.
"	8. Five Turtles,	George W. Klein.
"	8. One Woodchuck,	Frederick Simons.
"	8. One Horned Owl,	Master Frank Schneider.
"	8. Collection of Bermuda Grass,	Unknown Donor.
"	8. Eight White Rats,	William J. Schofield.
"	8. One Marmoset,	T. Bailey Meyers.
"	11. Thirty Terrapin,	C. Ryan.
"	11. One Purple Gallinule,	Capt. W. S. Cheeseman.
"	11. One Loon,	John M. Kelso.
"	16. One Rabbit,	Master William C. Bell.
"	16. Two Young Raccoons,	Dr. W. W. Strew.
"	21. One Horned Toad,	E. R. Kirk.

	DONATED BY
1870.	
June 30. Two Raccoons,	Stephen H. Feeks
“ 30. Collection of Fossil Shells,	Frank Daulte.
“ 30. One Pelican,	James Hutchinson.
“ 30. Specimen in Alcohol—Sea Maid,	John Seaman.
July 6. Specimen Peta Plant,	Spofford Bros. & Co.
“ 11. One Alligator,	Henry Macy.
“ 11. One Squirrel,	Thomas Dunlap.
“ 14. One Hawk,	James Kent, Jr.
“ 14. One Alligator,	O. Kopelschny.
“ 22. Two Parrakeets,	F. F. Georger.
“ 25. One Swan,	Edward H. Bell.
Aug. 2. One Black Squirrel,	Charles Arent.
“ 2. One Pair Rabbits,	Master Henry Kroeger.
“ 8. Two Loons,	H. E. Witherspoon.
“ 15. One Black Squirrel,	Marshal H. Rose.
“ 17. Three Hawsbill Twitters,	Capt. E. Bartlett.

1870.		DONATED BY
Aug. 17.	One Red Fox,	Mrs. W. P. Walker.
" 25.	One Macaw,	W. De Peyster.
Sept. 6.	One White-faced Monkey,	Dr. M. Cook.
" 6.	One Robin,	Miss Margaret McCabe.
" 15.	One Gray Squirrel,	Stephen McIntosh.
" 22.	One Ring Dove,	Master Edw'd Gerstle.
" 22.	One Chipmunk,	John Daley.
Oct. 7.	Two Guinea Pigs,	} Dr. S. W. Francis.
" 7.	One Snapping Turtle,	
" 7.	One Boa Constrictor,	Col. Figyelsmesy.
" 7.	Two Alligators,	Mr. Sanders.
" 10.	Skeleton and Skin of a Walrus,	Lieut. J. L. Mast.
" 14.	One Horned Owl,	Thomas F. Booth.
" 14.	One Black Bear,	John W. Vaughn.
" 17.	Two Curassow,	Hon. Hamilton Fish.
" 25.	Six Wild Turkeys,	Hon. Hamilton Fish.
" 25.	One Loon,	Col. Rhodes.

1870.

DONATED BY

Nov. 9. Two Fan-tailed Pigeons,

James Costello.

" 9. One Bird Hawk, }

" 9. One Hornet's Nest, }

Capt. Horatio Nelson.

" 9. One Horse Pistol found in
Deep Gully, N. C., in 1863,

Peter Connelly.

In all, 146 specimens.

DOCUMENT No. 20.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

DECEMBER 6, 1870.

The President laid before the Board a certified copy of an ordinance passed by the Common Council and approved by the Mayor, November 18, 1870, for the creation of a public fund or stock, in accordance with an act entitled "An act to authorize the erection and maintenance of an observatory in the City of New York," passed May 5, 1870.

Ordered, That said ordinance be laid on the table and printed in document form.

GEO. M. VAN NORT,

Clerk.

ORDINANCE.

The Mayor, Aldermen, and Commonalty of the City of New York, in Common Council convened, do ordain as follows :

SECTION 1. A public fund or stock is hereby created for an amount the annual interest of which shall not exceed the sum of fifteen thousand dollars, and shall be issued by the Comptroller of the City of New York, from time to time, in such amounts as shall be required by the Department of Public Parks, subject to the following conditions : Said stock or fund shall be designated and known as "The Central Park Improvement Fund," the interest of which shall be payable quarter-yearly, and shall be redeemable in thirty years from the day on which the same is created.

SEC. 2. The Comptroller is hereby authorized and directed to advertise for ten days for proposals for said fund or stock, but no proposal shall be received for less than the par value of a single share ; or the Sinking Fund Commissioners, if they elect so to do, may take such fund or stock at not less than the par value thereof, without such advertisement.

SEC. 3. The said fund or stock shares shall be divided into shares of the nominal or par value of one hundred dollars.

SEC. 4. Such proposals shall not be opened until the day designated for the opening thereof in the advertisement therefor ;

and on and after the expiration of said ten days the Comptroller shall determine which and what proportion of said proposals shall be accepted, and shall issue certificates, in form, as nearly as may be, of the certificates issued for the water stock of the City of New York, for the amount so accepted, and to the person or persons, corporation or corporations, whose proposals shall have been accepted.

SEC. 5. The Comptroller shall receive all moneys payable for and upon said fund or stock, and shall deposit the same in accordance with the provisions of an act entitled "An act for the improvement, maintenance, regulation, and government of the Central Park in the City of New York, and to provide additional means therefor," passed March 19, 1860; and the Department of Public Parks shall apply said moneys exclusively to the purposes specified in the second section of an act entitled "An act to authorize the erection and maintenance of an observatory in the City of New York," passed May 5, 1869.

Adopted by the Board of Assistant Aldermen, September 26, 1870.

Adopted by the Board of Aldermen, November 17, 1870.

Approved by the Mayor, November 18, 1870.

JOHN HARDY,

Clerk of the Common Council.

DOCUMENT No. 21.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

DECEMBER 6, 1870.

Commissioner HILTON called up the ordinances presented by him, and laid over at the last meeting, respecting the uses of the streets, avenues, and places within the distance of three hundred and fifty feet from the outer boundaries of Central Park, which were adopted, and

Ordered, Printed in document form.

GEO. M. VAN NORT,

Clerk.

ORDINANCES, RULES, AND REGULATIONS

Respecting the uses of the streets, avenues, and public squares or places within the distance of three hundred and fifty feet from the outer boundaries of Central Park.

Under and by virtue of chapter 697 of the Laws of the State of New York, passed April 24, 1867, the Board of Commissioners of the Department of Public Parks do hereby make and ordain the following rules and regulations in respect to the uses of, and the erections or projections upon, and obstructions of every kind on all parts of every street, avenue, and public square or place within the distance of three hundred and fifty feet from the outer boundaries of the Central Park, and especially on all parts of the Fifth avenue and of the Eighth avenue between Fifty-eighth street and One Hundred and Eleventh street, and all parts of Fifty-ninth street and One Hundred and Tenth street between the Fifth avenue and the Eighth avenue.

I. No building, shed, erection, or construction whatever shall be put upon or permitted to remain on any part of the avenues or streets or public places above mentioned, except the platforms, stoops, steps, areas, or court-yards of buildings now erected or in course of erection, and permitted by this Department or the President thereof.

II. No vehicle for the conveyance of passengers shall stop or stand in any part of the avenues, public places, or streets above mentioned, except for the purpose of allowing passengers to get

in or out of such vehicles, and no such stops shall be made by any vehicle opposite the line of any cross-street or entrance into the Central Park, except as permitted by this Department or the President thereof.

III. No cart, truck, or other vehicle for the conveyance of merchandise or material shall stop in any part of the avenues, public places, or streets above mentioned, except for the purpose of receiving or discharging merchandise or material, and such stoppage shall in such cases be limited to the actual and necessary time required for so doing.

IV. No parts of the avenues, public places, or streets above mentioned shall at any time hereafter be incumbered by any material whatever for a longer period than shall be actually necessary for the deposit and removal of the same, unless specially permitted in writing by this Department or its President, and no platform, stoop, step, porch, portico, balcony, balustrade, or projections whatever shall hereafter be erected or permitted within the limits aforesaid of such parts of said avenues, public places, and streets, except by special permission first had and obtained from this Department.

Provided, however, that owners of property on the easterly side of said Fifth avenue, between Fifty-eighth and One Hundred and Eleventh streets, are permitted to inclose, for courtyard purposes, and not otherwise, fifteen feet of the sidewalks adjacent to and in front of their respective lots; and the stoops of buildings erected on said avenue may, in such cases, project to the extent of such court-yards; provided further, that such stoops shall in every instance be open above the railing or balustrade thereof, and the form, size, and character thereof, together with the form, size, and character of the area railings, shall be sub-

ject to the approval of this Board or the President thereof; and, provided further, that no stoop or area railing shall be constructed or put upon said Fifth avenue, or upon any of the streets or avenues surrounding said Park, within the boundaries first above mentioned, until the plan thereof has been submitted to this Department, and the assent of this Board or its President obtained thereto.

V. It shall be the duty of the Treasurer of this Department to cause to be affixed a printed copy of this ordinance to any permanent or other structure or obstruction, placed or existing at any time upon either of said streets or avenues within the boundaries first above mentioned in violation of the provisions of this ordinance, and which affixing shall be deemed and considered a notice to remove said structure or obstruction within twenty-four hours thereafter. In default of such removal it shall be the duty of the Treasurer to forthwith take down, carry away, and remove the same to such place as he shall consider most desirable for the purpose of making a public sale thereof, such sale to be made under his direction at such time and place as he shall appoint, and the proceeds thereof applied to the payment of expenses incurred in respect thereto.

The owner of such structure or obstruction neglecting to so remove the same shall be liable for and shall incur a penalty of fifty dollars. (\$50) for each day such structure or obstruction shall be or remain upon either of said streets or avenues within the boundaries first above mentioned in violation of this ordinance, to be recovered in any court by the Treasurer, in the name of the Mayor, Aldermen, and Commonalty of the City of New York, and for and on behalf of this Department.

VI. If, in the opinion of the Treasurer of this Board, it shall be considered expedient to forthwith remove any permanent struc-

ture or other obstruction, placed or existing at any time upon either of said streets or avenues within the boundaries first above mentioned in violation of the provisions of this ordinance, he may direct and cause the same to be removed without delay, by writing under his hand, directed to any Park-keeper or other person, commanding such structure or obstruction to be forthwith removed, and thereupon the same shall be removed and disposed of as hereinbefore provided.

VII. Driving upon said streets or avenues within the limits or boundaries aforesaid shall not be at a greater rate of speed than seven miles an hour, under the penalty of ten dollars for each offence, to be recovered from the driver or owner thereof respectively.

VIII. No placard, hand-bill, poster, or other advertisement of any kind or nature shall be put upon or affixed to any wall, fence, sidewalk, or curb-stone within the limits or boundaries above mentioned, without the previous permission of this Board or the President thereof, under the penalty of ten dollars for each offence. Any person so offending may be arrested by any Park-keeper and taken before the nearest magistrate, and upon conviction shall suffer imprisonment until said fine be paid.

DOCUMENT No. 22.

IN EXECUTIVE COMMITTEE.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

APRIL 8, 1871.

The President presented a certified copy of an act entitled "An act in relation to the powers and duties of the Board of Commissioners of the Department of Public Parks, including provision for the several public parks, squares, and places, and other works under the jurisdiction and direction of said department in the city of New York."

Ordered, That said act be laid on the table, and printed in document form.

GEO. M. VAN NORT,

Clerk.

Chap. 290.

AN ACT in relation to the powers and duties of the Board of Commissioners of the Department of Public Parks, including provision for the several public parks, squares, and places, and other works under the jurisdiction and direction of said department in the city of New York.

Passed April 5, 1871 ; three fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. The comptroller of the city of New York, in the name and on the behalf of the mayor, aldermen, and commonalty of the city of New York, is hereby authorized and directed to create and issue hereafter, at such times and in such amounts and in such manner as shall be deemed by him expedient and necessary for the improvement and regulation of the parks known as the Central park, City Hall park, Morningside park, Riverside park, Madison square, Reservoir square, Washington square, Tompkins square, the Battery, and the several parks and places which by law now are or may hereafter be under the control and management of the department of public parks, and also for the construction and equipment of a meteorological and astronomical observatory on the Central park in said city, and to carry out the objects of this act, a public fund or stock, to be denominated "the city parks improvement fund," to an amount not exceeding a sum of which the annual interest, at the rate of interest at which said stock or fund shall be so issued, is two hundred thousand dollars. Such stock or fund shall be redeemable in thirty years from the issue thereof, and all and several the public parks, squares, and places in said city of New

York now created, or that may hereafter be created, shall be and the same are hereby specifically pledged for the redemption of the same or any part thereof; and such stock or fund shall be signed by the said comptroller, and countersigned by the mayor, and sealed with the seal of the said corporation; and the faith of the said mayor, aldermen, and commonalty of the city of New York shall be deemed and taken to be irrevocably pledged for the payment of the principal thereof, with the interest thereon as the same shall respectively become due and payable.

§ 2. The board of commissioners of the department of public parks in the city of New York is hereby authorized to construct, erect, and maintain in and upon that portion of the Central park formerly known as Manhattan square, or any other public park, square, or place in said city, a suitable fire-proof building for the purpose of establishing and maintaining therein, under suitable rules and regulations to be prescribed by the said board from time to time, a museum and gallery of art, by the metropolitan museum of art, incorporated by chapter one hundred and ninety-seven, laws of eighteen hundred and seventy, or other institutions of like character, also a suitable fire-proof building for the purpose of establishing and maintaining therein, under suitable rules and regulations to be prescribed by the said board from time to time, a museum of natural history, by the American museum of natural history, incorporated by chapter one hundred and nineteen, laws of eighteen hundred and sixty-nine, or other institutions of a like character, at an aggregate cost of not exceeding a sum of which the annual interest at the rate of interest at which a fund or stock shall be issued is thirty-five thousand dollars for each of said buildings for the use of said corporations, or other institutions of a like character; and it shall be the duty of and lawful for the comptroller of the city of New York to create and issue in the manner in this act provided

such additional amounts of a public fund or stock, to be denominated the "museums of art and natural history stock," as shall be necessary to provide the moneys required for erecting said buildings, to an amount not exceeding the aforesaid limitations.

§ 3. It shall be the duty of and lawful for the comptroller of the city of New York to create and issue in the manner in this act provided, such additional amounts of a public fund or stock, to be denominated "city improvement stock," as shall be necessary to provide the funds to enable said comptroller to pay any and all assessments and expenses imposed or that may hereafter be imposed upon the mayor, aldermen, and commonalty of the city of New York by reason of the laying out, opening, and regulating and grading or improving any and all streets, roads, avenues, public parks, squares, or places now or that may hereafter be under the jurisdiction and direction of the department of public parks in said city of New York, and out of the proceeds of said public fund or stock to pay such assessments and expenses.

§ 4. For the payment of the interest on said stocks or funds the board of supervisors of the city and county of New York shall order and cause to be raised by tax on the estates real and personal subject to taxation according to law within such city and county, and to be collected in addition to the other taxes yearly and every year, until the whole amount of such funds or stocks be paid, a sum of money sufficient to pay the interest annually accruing on said funds or stocks, at a rate not exceeding seven per cent. per annum; and also such sums as shall be necessary to redeem and pay the principal sum of such stocks as they shall mature and become payable.

§ 5. It shall be lawful for the board of commissioners of the department of public parks in said city of New York to make requisitions in writing upon the comptroller of the city of New York for such sums of money as they shall from time to time require for the improvement of the several public squares, parks, and places in said city which by law now are or may hereafter be under their control and management, and also for the construction and equipment of a meteorological and astronomical observatory and a conservatory on the Central park, also for the construction of museums of art and natural history on that portion of the said Central park formerly known as Manhattan square, or any other public park, square, or place in said city; and it shall be the duty of said comptroller to raise and borrow, upon the faith and credit of the mayor, aldermen, and commonalty of the city of New York, such sums of money as shall be so required from time to time, and deposit the same with such bank or trust company as shall be designated by said board; such moneys shall be used and appropriated by said board for the construction, improvement, and regulation of the several public parks, squares, and places in said city which by law now are or may hereafter be under their control and management, and also for the construction and equipment of a meteorological and astronomical observatory and a conservatory on the Central park in said city, and also for the construction of museums of art and natural history as herein provided, and for the purposes contemplated in this act, and shall be drawn from said bank or company by a warrant signed by at least a majority of said commissioners, after the same shall have been authorized by the said board at a meeting thereof duly convened; and said comptroller shall thereafter issue and sell, but at not less than the par value thereof, so much of the stocks or funds authorized by this act as shall be required to repay, and to repay therewith, the several sums of money so borrowed, and also such sums as will be neces-

sary to repay all sums of money heretofore borrowed and paid over to said board of commissioners for the improvement of any of said public parks, squares, and places which have not heretofore been raised by tax.

§ 6. The board of commissioners of the department of public parks may organize and by and through its president appoint a force to be known as keepers of the Central park and the several public parks, squares, and places in the city of New York, to consist of such number of men as the said board may from time to time deem necessary to preserve order in the said Central park and in the several public parks, squares, and places, which force shall be under the exclusive control and direction of said board and may be in whole or in part discharged at pleasure; each member of said force shall, by virtue of his appointment, be invested with the same powers within the limits of said public parks, squares, and places, and that portion of the streets and avenues bounding the same as lie adjacent thereto, as if he had been appointed to a similar rank in the force of the police department of the city of New York, established by chapter one hundred and thirty-seven of the laws of eighteen hundred and seventy, and shall take an oath to be prescribed by said board, and may be allowed compensation by said board equal to that allowed to members of said police force. Whenever special circumstances shall, in the judgment of said board, require an additional force for the preservation of order in any of the said public parks, squares, and places, the said board, through its president, may appoint the same temporarily, as in their judgment the occasion may require, and during such period said additional force shall have the same powers as the said keepers of the said Central park and the several city parks, squares, and places, and the said board shall have the full and exclusive power to govern, manage, and direct the said several public parks, squares, and places, to pass ordinances for the

regulation and government thereof, and generally in regard to said public parks, squares, and places they shall possess all the power and authority heretofore possessed by the mayor, aldermen, and commonalty of said city in respect to the public parks, squares, and places in said city, and all persons offending against such ordinances shall be deemed guilty of misdemeanor, and be punished on conviction before the mayor, recorder, or any magistrate of the city of New York, by a fine not exceeding fifty dollars, and in default of payment by imprisonment not exceeding thirty days.

§ 7. The board of commissioners of the department of public parks is hereby vested with exclusive power and control over all that portion of Battery place lying south of the line of the south side of pier number one, North river, and west of the easterly line of West street, extended in a southerly direction, and also over the waters of the North river, and soil under the waters thereof, in front of said portion of Battery place, and to the extent of two hundred (200) feet westerly from the westerly end of said Battery place; and it shall be lawful for such board of commissioners to erect, construct, and maintain on said part of Battery place, and over or on the lands under water before mentioned, a proper improvement, to consist of suitable buildings, docks, piers, or basins for the accommodation of small boats that may be engaged in the business of attending on shipping lying in the said river or the bay or harbor of New York, and also to make, prescribe, and enforce from time to time such rules and regulations for the use and enjoyment of the same as to the said commissioners shall seem meet and proper for the public interests; and the necessary expenses of constructing and maintaining said improvement shall be deemed and taken to be a part of the expense of improving and maintaining the public place known as the Battery in said city,

and shall be raised and expended as other moneys for the improvement and maintenance of said Battery may be; said Board may also prescribe and enforce like rules and ordinances for the control and government of all small boats frequenting or using the water-basin at the south end of said Battery, now being completed by said commissioners.

§ 8. The public squares or places laid out by the Commissioners of the Central Park, by resolution adopted on the fifteenth day of November, eighteen hundred and sixty-seven, in the following words, "And also the public square or place bounded easterly by the road or public drive; northerly, by the division line between land now or late of John A. Haven and land now or late of — Connolly; southerly, by the street before described, extending from the Kingsbridge road to the North or Hudson river, and including the road now known as the Fort Washington depot road, and westerly by a line drawn parallel to the centre line of the Hudson river railroad and twenty feet easterly therefrom, and also the public square or place bounded easterly by a line drawn parallel to the centre line of the Hudson river railroad and twenty feet westerly therefrom; southerly by the street last above mentioned, and westerly and northwardly by the North or Hudson river," are hereby discontinued on the map showing the same, filed pursuant to section two, chapter five hundred and sixty-five of laws of eighteen hundred and sixty-five, and shall not be shown on the maps hereafter to be filed on the completion of the whole work to be performed under said chapter five hundred and sixty-five.

§ 9. In all proceedings hereafter in the matter of opening or otherwise improving any public park, square, or place, or street, read, or avenue in the city of New York, it shall not be lawful to lay or impose any assessment whatever on any such public

park, square, or place, or street, road, or avenue, but all assessments which may be properly payable by the mayor, aldermen, and commonalty shall be assessed against them in a gross sum in each and every of such proceedings.

§ 10. The street or avenue laid out by the commissioners of the Central park lying intermediate the avenue St. Nicholas and the Tenth avenue, and extending from the northerly side of One Hundred and Twenty-sixth street to the southerly side of One Hundred and Thirty-seventh street is hereby discontinued on the maps showing the same, filed pursuant to chapter six hundred and ninety-seven of laws of eighteen hundred sixty-seven, and shall not be shown on the maps hereafter to be filed on the completion of the whole work to be performed under said chapter six hundred and ninety-seven, but the board of commissioners of the department of public parks shall have and possess exclusive power to lay out and establish a new street or avenue, and the grades therefor, intermediate the said avenue St. Nicholas and the said Tenth avenue, and between the northerly side of said One Hundred and Twenty-sixth street and the southerly side of said One Hundred and Thirty-seventh street, of such width, extent, and direction as to them shall seem most conducive to public good, and shall show said new street or avenue on the final maps hereafter to be filed on the completion of the whole work to be performed under said chapter six hundred and ninety-seven, and the new street or avenue so laid out shall be considered one of the streets or avenues, with the same intent and effect as if the same had been laid out and established by the commissioners appointed in and by the act entitled "An act relative to improvements touching the laying out of streets and roads in the city of New York and for other purposes," passed April third, eighteen hundred and seven.

§ 11. The board of commissioners of the department of public parks shall have and possess exclusive power to acquire title in the name and on the behalf of the mayor, aldermen, and commonalty of the city of New York in and to all public streets, avenues, roads, public squares, and places laid out or that may be laid out in all that part of the city of New York lying northerly of Fifty-ninth street in said city, and in and about all proceedings therefor now pending or hereafter to be commenced, and all proceedings subsequent thereto, the said board of commissioners shall have and possess all the powers and perform all the duties now by law conferred on and authorized to be performed by said mayor, aldermen, and commonalty of the city of New York.

§ 12. No member of the board of commissioners of the department of public parks shall be entitled to receive any compensation for his services, except that the treasurer of said board shall from the date of his appointment as such be entitled to receive such compensation as the said board shall designate and allow, not exceeding the amount paid by the late board of commissioners of the Central park to the treasurer thereof.

§ 13. This act shall take effect immediately.

STATE OF NEW YORK, }
Office of the Secretary of State, } ss.:

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the w^hc^e of said original law.

Given under my hand and seal of office, at the city of Albany, this seventh day of April, in the year one thousand eight hundred and seventy-one.

[L.S.]

D. WILLERS, JR.,
Deputy Secretary of State.