

ANNUAL REPORT
OF THE
PUBLIC BUILDINGS DEPARTMENT,
FOR THE YEAR 1900.

[DOCUMENT 31 — 1901.]

February 1, 1901.

HON. THOMAS N. HART.

Mayor of the City of Boston :

SIR, — In accordance with Section 24, Chapter 3, of the Revised Ordinances of 1898, I beg to submit the following as the annual report of the Public Buildings Department for the year ending January 31, 1901.

My appointment as Superintendent of Public Buildings having been confirmed, I took charge of the Department May 1, 1900.

This Department has the care and custody of the Ambulance Station, South Boston, of all buildings in use for City offices, market purposes, halls for public meetings, and the several County buildings; also, hired buildings or parts of the same for City offices, County courts, ward-rooms, and armories; also, contracts for and supplies fuel for all Departments of the City and County, not otherwise provided for; this includes the Police, Fire, Park, Health, Bath, Public Buildings, Library, Public Grounds, Cemetery, and Market Departments, the Street Department and Paving, Sanitary, Street Cleaning, Sewer, and Bridge Divisions of the same, and the Quarantine Station at Gallop's Island; also, the police and fire boats. Requisitions are made by each Department as needed, the quantity and quality is weighed and inspected, and certified to by an employee of this Department.

Because of the fact that the several Departments of the City have in their charge complete electrical plants for generating power, light, etc., it was deemed advisable, after the abolition of the Electrical Construction Division, to retain in the employ of this Department, an electrical engineer who practically had the supervision of the installation of nearly all of this apparatus, including the plants on all of the ferry-boats, Insane Hospitals (Austin and Pierce Farms), City Hospital, all of the various institutions located on the islands in the harbor, the various drawbridges propelled by electricity, and the plant at the Pumping Station, Cow Pasture.

His duties are to furnish other Departments, free of expense, at their request, with plans and expert advice on all matters pertaining to this line of work, also the frequent testing of the candle-power of the incandescent lamps furnished the City, in order that the correct standard of the same may be maintained, and the City receive the full advantage of the light charged for. The saving made to the City in this particular item has been considerable during the past year.

A concise statement of the several Departments, who have taken advantage of the opportunities presented, will be found under separate heading.

The following buildings, or parts of the same, are hired for municipal purposes.

For Offices.

Estates numbered 32-62-64 Pemberton square; 994 Washington street; offices in Tremont Building; and building at Mattapan.

For Armories.

No. 37 Tremont street; Congress Hall, Charlestown; Bacon Hall, Roxbury; and No. 130 Columbus avenue.

For Ward-rooms.

Spellman Hall, Gray's Hall, South Boston; Winthrop Hall, Dudley street Opera House, Roxbury; Tomfohrde Hall, Minton Hall, West Roxbury.

For County Purposes.

Offices in Tremont Building for Court of Land Registration.

The Architect Division, formerly connected with the Engineering Department, was transferred to and made a



OLD STATE HOUSE, WASHINGTON AND STATE STREETS.

Division of this Department on May 11, 1900, and a report of its doings will be found in the report.

In February, 1900, expert examinations of the condition and doings of both the Electrical Construction Division and Repair Division during their existence were made, and the report of the experts having proved unfavorable to the City's interests, both Divisions were instructed to complete all work in process of construction and to close up their business as soon as possible. All bills against both Divisions have been paid; there are bills outstanding in favor of the Repair Division, amounting to \$7,843.09, and in favor of the Electrical Construction Division, amounting to \$3,256.88. These will be settled shortly. In disposing of the stock of both Divisions the several Departments of the City were given the opportunity of selecting what they desired, and the balance was disposed of at the best prices obtainable.

The Ambulance Station is located on land leased of the Carney Hospital; the service began in May, 1900, and has proved to be a great benefit to this thickly congested district. The ambulance has been called to all sections of the City, and has handled the following cases:

Accident	93 cases
Heart diseases	12 "
Spinal diseases	8 "
Nervous diseases	18 "
Lung trouble	64 "
Typhoid fever	78 "
Rheumatism	20 "
Appendicitis	34 "
Surgical	21 "
Medical	46 "
Total	<hr/> 394 cases
Taken to Carney Hospital	333 cases
Taken to Children's Hospital	18 "
Taken to other hospitals or treated on street	43 "
Total	<hr/> 394 cases

In May, 1900, I caused to be made a careful examination of the condition of the different buildings, armories, ward-rooms, etc., and it was found that practically all were in need of painting and general repairs; the plumbing was old, and not in keeping with sanitary requirements. As these buildings are rented to tenants, or used by City Departments, I have made every effort to put the same in proper condition,

and I feel warranted in stating that in consideration of the amount expended, a good showing has been made, and during the coming year I expect to have all buildings in as good condition as they should be.

I find that during the past three or four years the appropriations for repairs, alterations, etc., of Police, Fire, and Street Department buildings have been made direct to the several Departments, they doing the repairs on the same, and I take this opportunity of recommending that in future this amount be included in the estimates of this Department and that this Department have charge of carrying on the work, as was done formerly.

The following will give a general idea of the work done in the different Municipal buildings during the past year :

City Hall.

Painting dome, all woodwork and iron shutters on outside; painting, whitening and tinting walls and ceilings of Aldermanic room, Assessing, Collecting, and Auditing Departments, and also all corridors; general fitting up and carpenter work in Mayor's office; installing new gas and electric fixtures in Aldermen's room; general overhauling of elevators, repairs on plumbing, and placing new vent stacks; putting on new asphalt roof entire.

Old Court House.

General repairs on plumbing, elevators, heating apparatus, roofing, locks, etc.; also painting and carpenter work.

30-32 Tremont Street.

New asphalt roof, general repairs on plumbing, etc.

28 Court Square.

New copper roof, and general repairs on plumbing, masonry, gas and electric fixtures, etc.

Faneuil Hall and Market.

Put in new floors and general carpenter work on first floor and in basement; new granolithic sidewalk laid in front of building, and relaying brick sidewalk; putting in new drains, and general repairs on heating, ventilating, plumbing, etc.

Quincy Market.

Placing new iron beams under dome, repairing slate roof and copper work on dome; putting in new floor, second story, also in stalls and in basement; new outside fly doors; new vestibules on outside of building; painting all woodwork on outside of building; new plastering and repairing old plastering; general whitening; general repairs on plumbing, etc.



AMBULANCE STATION, NATIONAL STREET, SOUTH BOSTON. — Opened May, 1900.

Old State House.

Reconstruction of tower; general repairs on plumbing, heating, gas and electric fixtures, ventilation, roofing, etc.; new stairways, placing safety treads, etc.; repointing of walls, foundations, etc.; painting building entire, inside and out; removed wooden "Lion and Unicorn" from front of building, and replaced the same in copper.

Old Franklin School-house.

Installing new steam heating plant; building new chimney; recut stone work and repointed same; painting of hall, corridors, etc.; repaired walks, yard, etc.

Westerly Hall.

Installing new steam heating plant; painting entire building, inside and out; re-clapboarding; new sills put in; rear of building restudded; partitions removed; veranda, windows, and doors repaired; building new line fences; new outside doors put in; new gas fixtures installed; general repairs on roof.

Smith School-house.

Excavating cellar, new concrete floor laid, stone and brick walls pointed; new outside grading; curbing reset and sidewalk relaid; old vaults in yard removed; slate and gravel roof repaired; yard repaved; yard wall rebuilt; building of new stairs, doors and door frames; new fly doors put in; new floors; and general repairs.

Charlestown City Hall.

New lattice work around base of roof; new cornice moulding around building; new galvanized iron ribbing; new window frames; jacking up and rebuilding bell tower; replacing woodwork on roof; repairing tin and copper work, conductors and gutters; painting entire building, inside and out.

Battery Building, No. 11 Wareham Street.

Excavating and driving piles; laying new concrete foundations; building new brick piers and archways for new iron girders to carry electrical testing apparatus; cutting down brick walls to enlarge windows through main building; repointing all outside brickwork; rebuilding chimney; putting in new water-closets on first and second floors, also new urinals on first floor; running new lines of soil pipe through basement and connecting with sewer; placing five new vent stacks, and general repairs on old plumbing; installing and connecting up new McEwen twenty-five horse-power engine for heating, lighting, and testing lamps; new doorway in front of building, also new windows; new wire lath and

plaster partitions, repairing old plastering; new wire screen guards on all windows; repairing slate roof, gutters, conductors and skylight; painting entire interior of building, also all doors, window sashes, etc.

Curtis Hall.

General repairs on plumbing, heating, etc.; renewing all curtains.

62-64 Pemberton Square.

General repairs on plumbing, heating, etc.

94 Roxbury Street.

Laying concrete cellar; repairing plumbing; putting in new vent stack; also painting outside of building.

Wayfarers' Lodge.

Excavating and mason work; putting in new 8-inch cast-iron drains and traps; general repairs on plumbing.

Repair Shop Annex.

General repairs on roof.

City Building, Dorchester.

Laying new floors and iron treads on stairs; pointing walls, etc.

Ward-room, Ward 7.

General repairs on plumbing, etc.; repairing roof; painting ward-room, etc.

Ward-room, Ward 2.

Extending steam heating connection to ward-room; new stairs built; new tin roof over stairway; outside of building painted; painting, whitening, tinting, and papering inside; gas fixtures relacquered; general repairs.

Ward-room, Ward 17.

Excavating in cellar, old foundation underpinned; new piers built to carry main floor; curbing and stone steps reset; mason work on cesspool; new platform built; ward-room painted; repairs on roof, plumbing, and heating.

Ward-room, Ward 18.

Building new wooden line fence; new door and platform in rear; general repairs in ward-room.

Ward-room, Ward 19.

Repairs on roof.

Ward-room, Ward 20.

General repairs on plumbing, etc.

Armory, L Co., 6th Regiment.

Installed new gas and electric fixtures; general repairs on woodwork, plumbing, etc., painting, whitening, and tinting entire interior.

A general financial statement of the Public Buildings Department for the past year is as follows:

Appropriation	\$216,000 00
Income from Repair Division	28,046 62
Income from Electrical Construction Division	9,261 21
Income from Telephone Exchange	5,822 32
Income from General Expenses	397 83
Transfer	10,226 91
	<hr/>
	<u>\$269,754 89</u>

Repair Division:

Balance on hand Feb. 1, 1900	\$7,300 11
Income	40,764 89
	<hr/>
Total credits	\$48,065 00
Total expenditures	20,018 38
	<hr/>
	<u>\$28,046 62</u>

Electrical Construction Division.

Balance on hand Feb. 1, 1900	\$2,870 99
Income	44,724 03
	<hr/>
Total credits	\$47,595 02
Total expenditures	38,333 81
	<hr/>
	<u>\$9,261 21</u>

The expenditures for repairs, alterations, improvements, heating, furnishing, care, and cleaning is as follows:

Public Buildings, General Expenses.

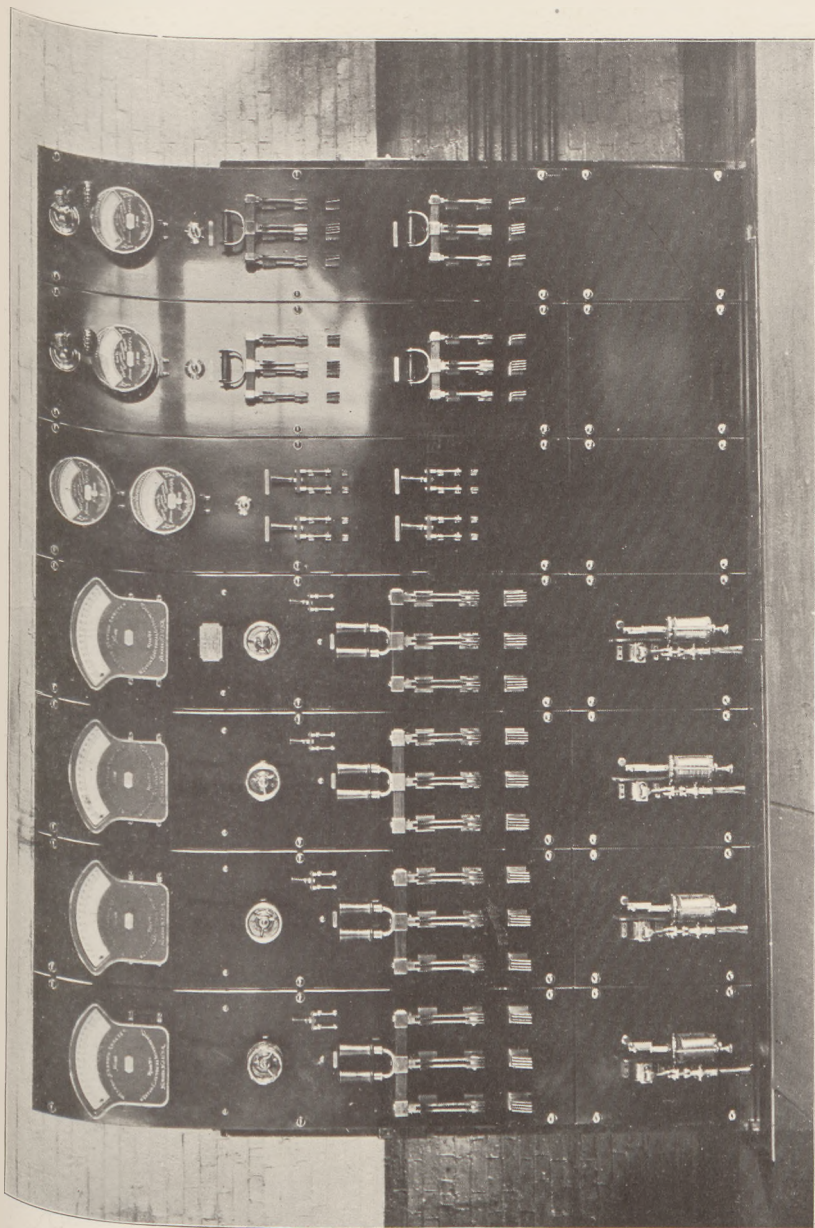
Public Buildings	\$227,534 98
Ward-rooms	12,795 85
Armories	18,846 03
Architect Division	4,540 46
Repair Division	20,018 38
Electrical Construction Division	43,303 38
County Buildings	42,585 92
Public Buildings, Ambulance Station	3,856 07
Public Buildings, Special Appropriations	29,672 23
	<hr/>
Total expenditures by Department	<u>\$403,153 30</u>

A statement of the salaries, taxes, rents, etc., paid and kind and amount of work performed is as follows:

Public Buildings.

Salaries	\$14,875 43
Janitors, cleaning, and electricians	33,695 57
Printing, stationery, and postage	1,279 46
Advertising	271 79
Telephone	133 09
Water-rates	768 00
Ice	777 28
Teaming	275 67
Fuel	6,049 69
Gas	1,437 20
Electric lighting	16,173 64
Horse hire, etc.	2,489 10
Iron and wire work	2,077 38
Mason work	16,329 75
Carpenters and stock	29,440 82
Plumbing	7,220 84
Gas and electric fixtures	3,160 70
Plastering and whitening	795 48
Roofing and gutters	7,821 39
Painting and glazing	25,201 03
Rents and taxes	19,437 77
Furniture, etc.	6,702 96
Heating and ventilation	6,739 95
Bells and locks	443 49
Supplies	3,135 81
Messenger service	110 06
Car-fares	482 85
Historical building	6,000 00
Auxiliary Fire Alarm Co.	421 04
Disinfectant	534 37
Pounds and scales	34 30
Elevators, City Hall and Old Court House	1,084 59
Awnings	191 93
Flag and repairs	41 16
Reviewing stand	1,851 39
Chimney sweep	90 50
Granolithic work	3,352 85
Typewriter supplies	9 80
Blue prints	9 73
Sewer work	44 48
Storage and sundries	53 85

Amount carried forward . \$221,046 19



ELECTRICAL SWITCH-BOARD INSTALLED AT DEER ISLAND.

<i>Amount brought forward</i>	\$221,046 19	
Telephone exchange	6,273 44	
Paper hanging	129 52	
Electrical supplies	85 83	
	<hr/>	\$227,534 98
<i>Armories.</i>		
Rents	\$9,185 01	
Janitors	100 00	
Fuel	1,129 20	
Water	92 40	
Gas	1,113 21	
Electric lighting	325 13	
Telephone	24 59	
Carpenter and stock	604 01	
Painting	889 41	
Rifle practice	4,062 65	
Plumbing	275 60	
Gas and electric fixtures	761 40	
Plastering	14 90	
Heating apparatus	84 50	
Furniture	184 02	
	<hr/>	18,846 03
<i>Ward-rooms.</i>		
Fuel	\$138 92	
Gas	162 47	
Heating apparatus	129 41	
Janitors	883 10	
Rents	3,966 67	
Electric lighting	447 35	
Carpenters and stock	1,349 42	
Roofing	908 80	
Locks	7 10	
Teaming	2 75	
Furniture	7 25	
Gas and electric fixtures	91 43	
Ironwork	4 90	
Painting	925 92	
Plumbing	599 66	
Mason work	3,155 87	
Supplies	5 83	
Awnings	9 00	
	<hr/>	12,795 85
<i>Architect Division.</i>		
Salaries	\$4,465 76	
Supplies and stationery	69 49	
Blue prints, etc.	1 21	
Horse-keeping	4 00	
	<hr/>	4,540 46
<i>Amount carried forward</i>		\$263,717 32

Amount brought forward

\$263,717 32

Repair Division.

Salary, Chief of Division	\$1,312 49
Salaries, employees	8,613 79
Janitors and care	139 00
Rents	266 68
Plumbing	892 43
Lumber	2,708 39
Hardware	499 36
Iron and wire work	112 84
Teaming	119 15
Paints	472 13
Heating apparatus	1,610 99
Horse board, etc.	655 55
Carriage repairs, etc.	14 75
Mason stock	426 98
Locks and bells	2 00
Stationery, printing, etc.	94 38
Car-fares	215 00
Fuel	394 49
Gas-fitting	275 90
Derricks, etc.	3 50
Plastering	41 50
Window glass	60 43
Lead	40 08
Fire hose	63 75
Engine supplies	3 25
Electric lighting	250 18
Roofing	72 49
Tin	23 72
Furniture	27 39
Window, doors, and sashes	124 58
Locomobile repairs	34 31
Motor repairs	5 46
Copper work	51 91
Telephone	36 59
Carpenters	1 24
Advertising	76 20
Expert accountant	255 00
Supplies	15 50
Tools	5 00

20,018 38

Electrical Construction Division.

Salaries	\$8,383 28
Telephone exchange	7,311 10
Horse-keeping, etc.	347 02
Cables and wire	4,852 32

Amounts carried forward

\$20,893 72

\$283,735 70

<i>Amounts brought forward.</i>	\$20,893 72	\$283,735 70
Engines and motors	11,044 49	
Incandescent lamps	321 53	
Car-fares, travelling expenses,	355 00	
Telephone (office)	7 81	
Teaming	163 25	
Electric lighting and power	204 05	
Gas	1 89	
Supplies, small	2,596 70	
Telephone fixtures	88 75	
Carpenter work and hardware,	549 00	
Gas and electric fixtures	1,952 25	
Iron and wire work	45 99	
Masonry and tools	5 50	
Printing and stationery.	134 53	
Care and cleaning	845 78	
Mason work	1,091 66	
Gas-fitting	102 79	
Mouldings	2 39	
Fire-alarm boxes	375 00	
Watchmen	231 69	
Paints	12 03	
Batteries	1 50	
Switchboard, etc.	1,354 50	
Heating	781 58	
Accountant	25 00	
Reels for wire	115 00	
		43,303 38

<i>County Buildings.</i>		
Janitors, salaries	\$4,150 34	
Water-rates	405 80	
Ice	340 54	
Cartage	14 25	
Fuel	7,347 63	
Gas	627 46	
Electric lighting	5,698 89	
Iron and wire work	470 58	
Mason work	8,130 90	
Carpenter and stock	1,865 88	
Plumbing	919 13	
Gas and electric fixtures	406 89	
Painting	1,452 07	
Roofing	358 74	
Furniture	2,971 74	
Heating apparatus	550 96	
Locks and bells	59 02	
Supplies	1,392 88	
Lawn, care of	840 68	

<i>Amounts carried forward.</i>	\$38,004 38	\$327,039 08
---------------------------------	-------------	--------------

<i>Amounts brought forward .</i>	\$38,004 38	\$327,039 08
Rents	2,900 00	
Disinfectant	265 95	
Stationery	8 00	
Care	526 93	
Awnings and flags	31 72	
Teaming	17 00	
Telephone	46 95	
Elevators	5 00	
Marble work	23 68	
Engine supplies	7 35	
Grading walks, etc.	575 00	
Plans, architect	173 96	
	<hr/>	42,585 92

Ambulance Station Maintenance.

Salaries, janitors, drivers, cleaning	\$2,619 01	
Horse-keeping, etc.	426 50	
Fuel	76 78	
Supplies	139 46	
Teaming	42 50	
Telephone	64 22	
Carpenter and stock	10 00	
Stationery	15 72	
Laundry work	70 96	
Gas	40 00	
Painting	2 75	
Heating and ventilation	61 10	
Ambulance repairs	2 50	
Electric fixtures	3 95	
Rent of land	250 00	
Plumbing	24 62	
Furniture	6 00	
	<hr/>	3,856 07

SPECIAL APPROPRIATIONS.

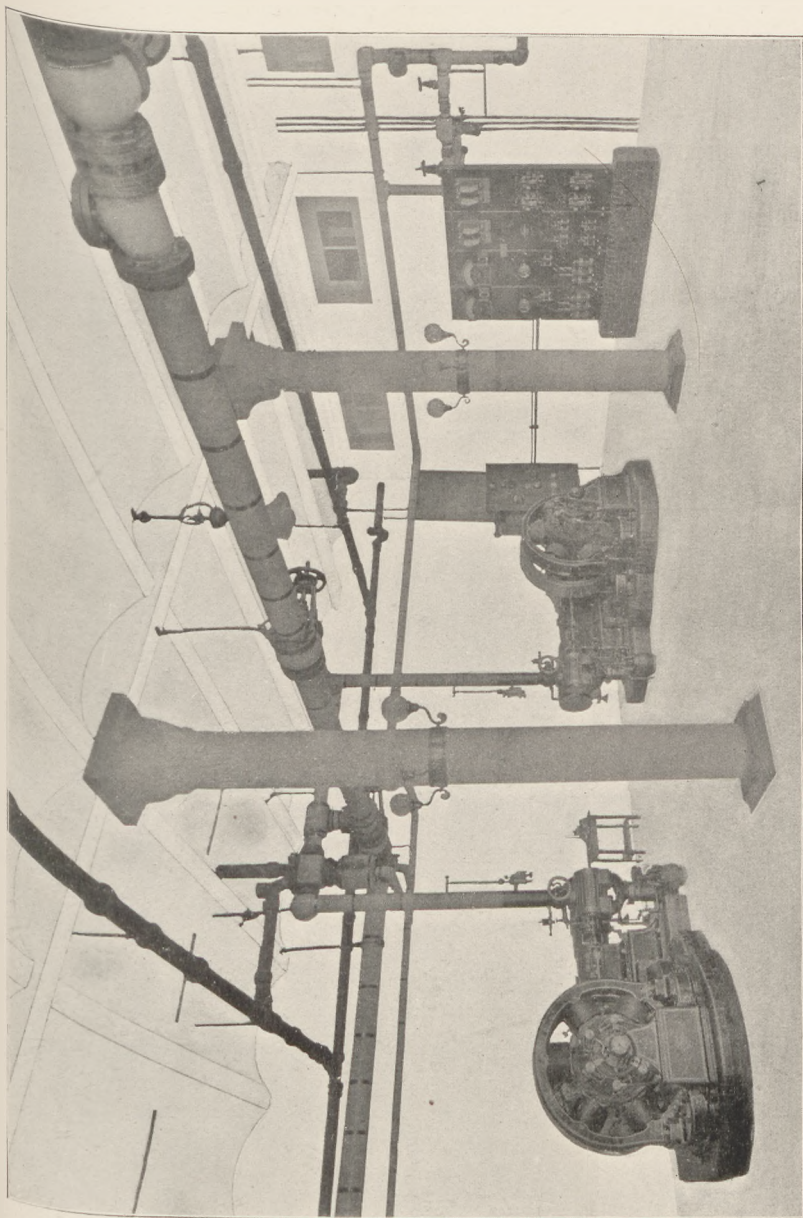
Ambulance Station.

Plans, contract for erection of build- ing, supplies, equipment	\$7,913 11	
	<hr/>	\$7,913 11

Ward-room, Ward 2.

Carpenter and stock	\$811 07	
Mason work	10 00	
Roofing	231 71	
Steam heating, etc.	447 22	
	<hr/>	1,500 00

<i>Amounts carried forward .</i>	\$9,413 11	\$373,481 07
----------------------------------	------------	--------------



DYNAMO ROOM AT LONG ISLAND.

PUBLIC BUILDINGS DEPARTMENT.

13

<i>Amounts brought forward.</i>	\$9,413 11	\$373,481 07
<i>Ward-room, Gymnasium, Ward 8.</i>		
Lydia W. Burr, land, taxes	\$20,208 12	
Advertising	51 00	
	<u>20,259 12</u>	
		<u>29,672 23</u>
Total		<u>\$403,153 30</u>

A detail of expenditures of ward-rooms is as follows:

Ward-room	2		\$1,104 20
"	"	3	205 64
"	"	4	4 00
"	"	5	3 00
"	"	6	161 26
"	"	7	507 19
"	"	8	21 70
"	"	9	352 95
"	"	10	70
"	"	13	1,005 06
"	"	14	641 90
"	"	15	92 10
"	"	16	400 00
"	"	17	4,223 75
"	"	18	564 06
"	"	19	787 09
"	"	20	549 08
"	"	21	600 00
"	"	22	363 07
"	"	23	500 00
"	"	24	696 15
"	"	25	12 95
Total			<u>\$12,795 85</u>

The income of Repair Division was as follows:

<i>Income.</i>	
Pauper Institutions Department	\$5,656 26
Penal Institutions Department	226 65
Children's Institutions Department	736 13
Institutions Registration Department	47 61
Street Department:	
Central Office	82 18
Paving Division	720 60
Sanitary Division	165 00
<i>Amount carried forward.</i>	<u>\$7,634 43</u>

<i>Amount brought forward</i>	\$7,634 43
Street Cleaning Division	164 33
Sewer Division	2,415 82
Bridge Division	477 03
Ferry Division	1,824 20
Printing Department	2,024 04
Street Commissioners	89 98
Assessing Department	22 36
Department of Municipal Statistics	1 82
Electrical Construction Division	3,225 52
Public Buildings Department	2,785 14
Insane Trustees	2,531 65
Bath Department	2,130 36
Lamp Department	13 86
Water Department	1,615 02
Park Department	247 98
Public Grounds Department	52 63
Wire Department	6 66
Library Department	6 80
Health Department	55 62
Hospital Department	4,635 12
Engineering Department	1,470 36
County Buildings	616 54
Mayor's Office	42 37
Fire Department	2,550 97
City Messenger Department	205 59
Election Department	30 38
Building Department	1,084 81
Ancient and Honorable Artillery Company	148 61
Cash sales	4,910 41
Total	\$83,020 41
Less amount transferred to Electrical Construction Division	2,255 52
Total	\$80,764 89

The income of the Electrical Construction Division was as follows :

Income.

Penal Institutions Department	\$3,177 34
Pauper Institutions Department	5,437 31
Children's Institutions Department	1,327 24
Steamer "J. Putnam Bradlee"	28 75
Institutions Registration Department	39 69
<i>Amount carried forward</i>	\$10,010 33

<i>Amount brought forward</i>	\$10,010 33
Street Department :	
Central Office	650 40
Ferry Division	3,637 72
Paving Division	444 75
Sewer Division	324 76
Sanitary Division	273 12
Bridge Division	109 96
Street Cleaning Division	137 45
Sewer Assessment Division	90 00
Street Watering Division	35 00
Assessing Department	6 65
Board of Aldermen	60 00
Common Council	87 00
City Messenger's Department	73 39
City Clerk Department	51 65
Architect Division	60 00
Treasury Department	66 76
Collecting Department	209 73
Clerk of Committees	111 62
Hospital Department	2,057 28
Insane Hospital Department	11,170 50
Health Department	2,626 65
Soldiers' Relief	30 00
Associated Charities	18 11
Overseers of the Poor	82 53
Wayfarers' Lodge	28 00
County Jail	90 00
Registry of Deeds	180 00
Market Department	45 06
Water Department	440 73
Election Department	81 68
Printing Department	689 14
Public Grounds Department	56 00
Public Buildings Department	442 75
Library Department	506 53
Fire Department	2,272 03
Engineering Department	414 06
Cemetery Department	617 98
Law Department	160 56
Park Department	139 02
Mayor's Office	88 93
Building Department	280 46
Bath Department	373 87
Repair Division	194 52
Repair Division, Transfer	2,255 52
Auditing Department	29 00
Auditing Department (Civil Service Division),	29 00
<i>Amount carried forward</i>	<u>\$41,840 20</u>

<i>Amount brought forward.</i>	\$41,840 20
Wire Department	65 30
Music Department	30 75
Street Commissioners' Department	104 17
Transit Commission	35 00
Lamp Department	61 00
Sealer of Weights and Measures Department	30 00
Department of Municipal Statistics	30 00
School Committee	33 00
Cash Sales	2,494 61
Total	<u>\$44,724 03</u>

The following is a detailed statement of expenditures on County buildings, etc., by buildings:

Court-house	\$19,358 46
Municipal Court, Roxbury	3,735 78
“ “ Dorchester	1,285 74
“ “ Charlestown	1,823 98
“ “ East Boston	1,273 65
“ “ South Boston	2,470 17
“ “ Jamaica Plain	692 59
“ “ Brighton	872 10
County Jail	8,104 71
Court of Registration	2,968 79
Total	<u>\$42,585 92</u>

The following is a statement of the fuel that has been supplied on requisitions of the several Departments:

<i>Coal.</i>	Tons.
Furnace	10,508
Egg	3,181
Stove	1,542
Cumberland	3,677
Cannel	260
Nut	36
Franklin	3
Coke	25
Total	<u>19,232</u>
<i>Wood.</i>	Cords.
Nova Scotia	68
Pine	115
Total	<u>183</u>

The total cost of the above was \$105,764.17.



POWER-HOUSE ERECTED AT LONG ISLAND.

The following is a statement showing buildings from which rent has been received during the past year, also income from other sources, together with the amounts, all of which are in charge of this Department:

Faneuil Hall Market, cellars and outside stalls,)	
Faneuil Hall Building, stalls and cellar under)	\$84,999 00
Faneuil Hall	
Old State House	11,100 00
House, No. 94 Roxbury street	275 00
Stable, Charlestown District	100 00
Curtis Hall	526 00
Ward-rooms	296 00
Rotunda and offices, Quincy Hall	2,800 00
Produce Exchange	1,800 00
Rooms in Quincy Hall	434 00
Old Franklin School-house	125 00
Electrical Construction Division	42,055 99
Repair Division	40,427 44
Armories, rent from Commonwealth	10,400 00
Repair-shop, annex	300 00
Sale of material, miscellaneous	183 74
Income, general expenses	9,060 64
Total	<u>\$204,882 81</u>

The following statement will give a general idea of the electrical work installed and superintended by this Department:

Public Buildings Department.

Plans and supervision of wiring for 200 lights and generator at No. 11 Wareham street, Wire Department Headquarters.

Wiring for 125 lights at Armory of L Company, 6th Regiment.

Wiring of office of Registrar of Births, Deaths and Marriages, Old Court House, 50 lights.

Refitting of Aldermanic Chamber, City Hall, fixtures.

Schedule and disposition of stock and tools of Electrical Construction Division.

General care and maintenance of 2,000 lights, 160 bells and 65 telephones in City Hall, Old Court House, Probate and Historical Society Buildings, checking of all electric meters and accounts.

Pauper Institutions Department.

Plans and specifications for extension of motor service and repairs; completion of plant begun by Electrical Construction Division.

Penal Institutions Department.

Plans and specifications for new switchboard at Deer Island.

Children's Institutions Department.

Plans and specifications for wiring "Point Cottage Dormitory," 100 lights, and for wiring new stable, 10 lights, and for 1,400 feet of pole-line construction; completion of work begun by Electrical Construction Division.

*Insane Hospital Department.**Austin Farm.*

Completion of plant begun by Electrical Construction Division; installation of electrical apparatus for cutting ensilage; installation of electric laundry and generator; installation of electric cooking apparatus; installation of lights in barn and other buildings; removal of grounds on wiring.

Pierce Farm.

Completion of plant begun by the Electrical Construction Division; installation of lights in Superintendent's Cottage and other buildings.

Cemetery Department.

Supervision of installation of 2,700 feet of underground conductors and wiring for fifty lights, — current furnished by Pierce Farm plant.

School Department.

West Roxbury High School: Plans and specifications for fixtures, 800 lights; also motor and generator for laboratory.
 Dorchester Grammar School: Plans and specifications for installation of 600 lights; also bell and telephone systems.
 East Boston High School: Consultation regarding motors and generators for laboratories.
 Polk Street School: Inspection of electric blower outfit.
 Frothingham School: Inspection of electric blower outfit.
 South Boston High School: Plans and specifications for special apparatus for laboratory work.
 Dorchester High School: Consultation regarding plans and specifications for electrical installation of 1,000 lights and motor, bells and telephones.

The total number of employees in the Department number seventy-six, as follows :

Public Buildings Department.

- 1 Superintendent.
- 1 Deputy Superintendent.
- 1 Secretary.
- 1 Clerk.
- 1 Fuel clerk.
- 2 Inspectors.
- 2 Engineers.
- 1 Assistant Engineer.
- 3 Firemen.
- 1 Superintendent of Janitors.
- 31 Janitors.
- 2 Watchmen.
- 2 Custodians.
- 1 Storekeeper.
- 1 Weigher.
- 1 Boy.
- 2 Elevator men.
- 2 Carpenters.
- 2 Electricians.

Architect Division.

- 1 Chief of Division.
- 1 Clerk.
- 4 Draughtsmen.
- 1 Messenger.

County Buildings.

- 7 Custodians, one at each District Court House.

Ambulance Station.

- 1 Janitor.
- 3 Drivers and hostlers.

Respectfully submitted,

MILTON C. PAIGE,
Superintendent.

PUBLIC BUILDINGS.

Buildings.	Location.	No. of ft. in lot.	Remarks.
City Hall.....	School st.	25,915	
City Hall.....	City sq., Charles-town	8,246	Police Station No. 15 in this building; also branch of the Public Library, and Municipal Court and Evening Drawing School. Police wagon stable on this lot.
Faneull Hall and market under same	Faneull Hall sq..	8,460	
Faneull Hall Market house and hall over same	North and South Market sts.	27,400	
Old State House	State st.	4,239	
Curtis Hall.....	South st., W. R. ...	49,907	Branch of Public Library in this building.
Repair Division Workshop.....	Wareham st.....	8,500	
Repair-shop annex	Harrison ave.....	3,816	
Old Armory building....	Maverick st.	4,337	Ward-room 2 in this building; upper part leased to Post 159, G.A.R.
House and land.....	94 Roxbury st. ...	4,190	Rents for \$300 per annum.
Central Charity Bureau, } City Temporary Home. }	Chardon st.	19,962	Boiler and storehouse on lot.
Town Hall.....	Washington st., Dorchester.....	16,800	Used for drill hall, Dorchester High School.
Town Hall	Washington st. ...	13,431	Ward-room 25 in this building; other room leased to Post 92, G.A.R.
Old bath-house.....	Cabot st.	7,469	Ward-room 18 in this building.
Wayfarers' Lodge	Hawkins st.....	9,523	
Church Building.....	Cor. Dudley and Vine sts.....	11,592	Ward-room 17 in this building, and Vine-st. chapel on this lot.
Old Franklin Sch'l-house,	Washington st. ...	11,471	Ward-room, Posts 15 and 7, G.A.R., in this building.
¹ Old Winthrop School-house.....	Bunker Hill st., Charlestown ...	7,927	Armory and Ward-room 3 in this building.
¹ Old Court House	Court sq.....	15,175	Occupied by city offices.
Westerly Hall.....	Centre st., West Roxbury.....	5,644	Public Library Branch in this building.
Stable.....	Chauncey pl.		Rents for \$150 per year, on lot with Chauncey-pl. school.

¹ The above buildings were surrendered to this Department as not wanted for school, fire, or County purposes.

PUBLIC BUILDINGS.— *Concluded.*

Buildings.	Location.	No. of ft. in lot.	Remarks.
¹ Smith School-house.....	Joy st.....	1,938	Leased to Post 134, G.A.R.
¹ Engine-house lot.....	Soley st.....	2,230	
¹ Old Probate Court building.....	Court sq.....	2,423	Occupied by City offices.
Historical building.....	30 and 32 Tremont st.....	25,000	Mortgage for \$150,000.
Ward-room 20.....	Meeting House Hill.....		On lot with Mather School house.
Ward-room 19.....	Elmwood st.....	5,684	

¹ The above buildings were surrendered to this Department as not wanted for school, fire, or County purposes.

COUNTY BUILDINGS.

Buildings.	Location.	No. of ft. in lot.	Remarks.
Court House.....	Pemberton sq....	87,035	
Jail.....	Charles st.....	130,740	Three buildings.
Municipal Court, Southern District.....	Roxbury st.....	14,390	Evening Drawing School in this building.
Municipal Court, E. Boston,	High School building.		
“ “ S. Boston,	Corner Dorchester and West Fourth sts.		
“ “ Charlest'n,	City sq.		
“ “ Brighton..	Washington st.		
“ “ W. Roxb'y,	Station-house 13.		
“ “ Dorchest'r,	“ 11.		
Court of Registration.....	73 Tremont st.....		Rent, \$2,900.04 per annum.

In addition to the foregoing, the following property was leased for the use of this Department:

Location of Buildings.	Rent.	No. of Rooms.	Occupied by
37 Pemberton sq.....	\$6,000 per year and taxes. Police Dept. pay one-fourth of rent.....	Whole building,	Police Commissioners and Police Dept.
994 Washington st.....	\$1,100 per year...	5	Milk Inspector.
Mattapan.....	\$198 per year.....	3	Lock-up, Police Dept.
73 Tremont st.....	\$4,413 96 per year.	13	Law Department, Nos. 730 to 742 inclusive.
73 Tremont st.....	\$4,653 96 per year	11	Street Watering Division, Rooms 440 and 441. Sanitary Division, Rooms 917 to 920 inclusive. Street Cleaning Division, Rooms 921 to 923 inclusive. Bridge Division, Rooms 927 and 928.
73 Tremont st.....	\$1,346 04 per year.	3	Sewer Assessment Division of the Street Commissioners' Dept., Nos. 414 to 416 inclusive.
62 and 64 Pemberton sq.....	\$2,900 00 per year and taxes.....	Whole building,	Bath, Music, Street Dept. (Smoke Division), Art and Park Departments.

ARMORIES.

The following list will show the location and rents of all armories February 1, 1901, in charge of this Department:

Occupied by	Rent per annum.	Location of Armories.
Headquarters, Second Brigade.....	\$900	37 Tremont street.
Company A, Fifth Regiment.....	\$1,200	Congress Hall, Charlestown. Lease expires January 1, 1901.
" H, " "	City building...	Combination Wagon-house, No. 7, Winthrop st., Charlestown.
" L, Sixth "	\$1,085	7 Green street. Lease expires May 1, 1901.
" D, Ninth "	City building...	Old Winthrop school-house, Bunker Hill street.
" A, First Batt. of Cavalry	City building...	Engine-house, No. 4, Bulfinch street.
" D, " " "	\$1,200	Bacon's Hall.
" A, " Corps of Cadets..	\$4,800	130 Columbus avenue.
" B, " " "		
" C, " " "		
" D, " " "		

WARD-ROOMS.

The following list will show the location of the various ward-rooms in this City, and whether in City buildings or in hired buildings, and rent paid for same :

Ward	City or Rent.	Name of Building.	Location.
1....	City building.	Emerson school-house.....	Saratoga st.
2....	" "	Armory building	Maverick st.
3....	" "	Old Winthrop school-house.....	Bunker Hill st., Charles- town.
4....	" "	Bunker Hill Grammar school-house,	Baldwin st.,Charlestown.
5....	" "	Harvard Grammar school-house....	Devens st., Charlestown.
6....	" "	Ware Primary school-house.....	North Bennet st.
7....	" "	Pierpont school-house.....	Hudson st.
8....	" "	Wells school-house	Blossom st.
9....	" "	Old Franklin school-house	Washington st.
10....	" "	Rice school-house.....	Appleton st.
11....	" "	Prince school-house	Exeter st.
12....	" "	School-house'	West Concord st.
13....	\$811.67 per yr.	Spellman Hall.....	West Broadway.
14....	\$400 per year.	Gray's Hall	East Broadway.
15....	City building.	Court-room, South Boston.....	Dorchester and West Fourth sts.
16....	\$350 per year..	Winthrop Hall.....	Upham's Corner.
17....	City building.	Old Church building.....	Dudley st.
18....	" "	Old bath-house.....	Cabot st.
19....	" "	Old pumping-station.....	Elmwood st.
20....	" "	Ward-room building.....	Meeting House Hill.
21....	\$600 per year.	Dudley-street Opera House.....	Dudley st.
22....	\$700 " "	Tomfohrde Hall	Boylston Station.
23....	\$500 " "	Minton Hall.....	Forest Hills Station.
24....	\$675 " "	Dorchester Hall	Field's Corner, Dorches- ter.
25....	City building.	Old Town Hall.....	Washington st., Brighton.

City Scales, as follows, viz. :

North Scales, Haymarket square.

South Scales, City stables, yard, Albany street.

South Boston Scales, Foundry street and Dorchester avenue.

Roxbury Scales, Eustis and Mall streets.

Brighton Scales, Rockland street, off Washington street.

East Boston Scales, Liverpool street.

West Roxbury Scales, Centre and La Grange streets.

Jamaica Plain Scales, Centre street and Starr lane.

City Pound, located as follows, viz. :

East Boston, Ashley avenue.

ARCHITECT DIVISION.

February 1, 1901.

MILTON C. PAIGE, Esq.,

*Superintendent, Public Buildings Department, Boston,
Mass. :*

DEAR SIR, — I beg to submit to you the report of the Architect Division of your Department for the year ending January 31, 1901.

The work and organization of the Division has continued as during the two previous years, the transfer of the Division from the Engineering Department to your Department on May 11, 1900, practically making no change except in office location.

A brief outline history of the Division may not be out of place at this time, and may serve to show its duties, its relation to other Departments and its possible field of usefulness.

The Division was organized in July, 1895, by the Superintendent of Public Buildings, to take charge of and complete the work of the Architect Department, abolished by Section 22, Chapter 449, of the Acts of 1895. By this act the authority and duties of the City Architect relative to all unfinished work were transferred to the Superintendent of Public Buildings, and the several Departments authorized to employ architects in private practice in connection with their future building operations, subject to the approval of the Mayor. Owing to the troublesome conditions under which some of the unfinished alteration work had to be done it was not entirely completed until the summer of 1898.

During these three years the services of the Division were in growing demand by many of the Departments in connection with the construction of unimportant buildings, and for more or less extensive alterations; also for the preparation of sketches and estimates, and for general consultation on matters pertaining to the construction and equipment of buildings.

It had been found that many such services could be performed more economically, and at great convenience to the Departments by an office of this kind, than by reference to outside architects; also that with such an office in successful operation, many matters which would otherwise receive com-

paratively little attention were referred and carefully studied out with reference to future needs. The continual studying of the building problems of the various Departments and institutions, and comparing the results obtained from different treatments, has naturally resulted in a more conservative and far-sighted building policy than would have otherwise obtained. This is particularly true in the matter of heating, plumbing, lighting and other special apparatus, the details of which are not always familiar to all architects, and the City would doubtless benefit greatly by the general reference of all such matters to this Division, even in cases where outside architects are employed. This is already done by several of the Departments, with, I believe, most satisfactory results.

The services of the Division in a consulting capacity have furthermore often proved beneficial in determining schemes of extension and during the preparation of plans by outside architects. For this purpose arrangements have been made so that the services of a Consulting Architect of the highest standing is available to all Departments when occasion requires.

The office is now organized as an expert force, and every effort is made to place at the disposal of the different Departments full and reliable information on matters of architectural design and construction, plumbing, heating and ventilation, power plants, cooking, and laundry apparatus, elevators, etc.

In matters of consultation, reports, etc., the services of the Division are rendered without charge, but in cases of the preparation of plans and superintendence of construction work charges are made against the several Departments or appropriations under which the work is done. The charges are based on the actual cost of the work to the Division, and have averaged about $2\frac{1}{2}$ per cent. of the cost of construction, as against from 5 per cent. to 10 per cent. if the work had been done by private architects.

The total cost of the Division for the year has been \$9,142.23, which is properly distributed as follows:

For approval of plans, specifications, contracts, etc., and changes in same	\$2,500 00
For reports, sketches, and other consulting work	2,500 00
For plans, specifications, and superintendence of work actually constructed	4,142 23
Total cost of Division	\$9,142 23
<i>Amount carried forward</i>	<i>\$9,142 23</i>

<i>Amount brought forward</i>	\$9,142 23
Total amount charged off against other City Departments	1,963 25
Net cost	<u>\$7,178 98</u>

Owing to the transfer of the Division, May 11, 1900, this net cost is divided as follows:

Engineering Department	\$2,638 52
Public Buildings Department	4,540 46
Total	<u>\$7,178 98</u>

The following is a general synopsis of the work performed by the Division for the year ending January 31, 1901:

Plans and contracts have been approved.

Plans.

- Apartment Hotel, Westland avenue.
- Residence, 496 Commonwealth avenue.
- Primary School-house, Parker street, building.
- Primary School-house, Parker street, heating.
- Grammar School-house, Morton and Norfolk streets, building.
- Grammar School, Morton and Norfolk streets, heating.
- Grammar School-house, Morton and Norfolk streets, electric work.
- Chapman School, heating and ventilation.
- Relief Station, Haymarket square.
- Residence, 405 Commonwealth avenue.

Contracts.

Dorchester High School, plumbing	\$18,878 00
Primary School-house, Parker street, building	34,870 00
Bigelow School-house, plumbing	876 00
Chapman School-house, heating	10,779 00
Chapman School-house, plumbing	7,825 00
South Boston High School, cabinet work	9,548 00
East Boston High School	18,957 00
South Boston High School, grading	249 00

Additions and changes in contracts for the various City buildings now in process of construction, aggregating the sum of \$48,282.94, were carefully checked up, and report made to the Mayor as to their correctness.

Reports have been made on the following matters:

- On the cost of extending wing, House of Correction.
- On the fire-alarm equipment, Faneuil Hall Building.
- On the heating and ventilation, Vose Building.

- On additional office space, etc., for City offices.
 - On installation of heating plants in school-houses on a rental basis.
 - On electric plant in Grammar School-house, Norfolk and Morton streets.
 - On subway under Quincy Market.
 - On cost of heating Faneuil Hall.
 - On condition of buildings at Long Island.
 - On possible future extension of buildings at Parental School.
- Sketch plans have been made and submitted on the following architectural problems :

Pauper Trustees Department.

- New Nurses Home.
- Cattle tie-up ; several schemes.
- Alteration of Old Boiler House.
- Alteration of serving room.
- Grading of grounds.

Cemetery Department.

- Gate Lodge, Evergreen Cemetery.

Children's Trustees Department.

- Parental School :
 - New sloyd building.
 - New stable.
 - New hennery.
 - Coal bunker.
 - Wooden Administration Building.
 - Alterations School Building.
 - Brick Administration Building.
 - Dormitory for 40 boys.
 - Chapel.
 - Gymnasium Building.
- Block plan showing disposition of proposed new buildings.

Rainsford Island.

- Manual Training Building, wooden, one story.
- Manual Training Building, brick, one story.
- Manual Training Building, wooden, two story.
- Manual Training Building, brick, two story.
- Coal pocket.
- Alterations of Institutions Buildings.
- Stable.
- Wooden school building.
- Board house.

Public Buildings Department.

- New Municipal Building, on site of Old Court House.
- Armory Building, Charlestown.

Alterations of Old Probate Building.
 Ward-room Building, etc., Ward 8.
 Municipal Building, Ward 16.
 Court House, Roxbury District.
 Battery Building, alterations, 11 Wareham street.
 Fireproof vaults in front of City Hall.
 Public toilet, Quincy Market.

Police Department.

Police Station No. 6, alterations.
 Police Station No. 16, stable in rear of.

Penal Institutions Department.

Extension of wing, House of Correction.
 New office, etc., on Sargent's Wharf.

Fire Department.

Engine-house No. 37, alterations.

Bath Department.

Women's Building, K street, alterations.
 General scheme for bathing facilities, L street.
 Signs, floats, etc.

Insane Trustees Department.

Domestic Building, Pierce Farm, alterations.
 Superintendent's House, Austin Farm, Pierce Farm.
 Laundry Building, Austin Farm, ventilation.

Street Department.

New stable, East Boston.
 New stable, North Grove street, Boston.

Miscellaneous.

Finished plans and detail drawings have been made for changes in offices, for inside finish, cupboards, lockers, closets, etc., for various departments.

The following is a statement of work, together with the approximate cost of the same performed and superintended by this Division:

Bath Department.

Signs, floats, rafts, alterations, etc.

\$500 00

\$500 00

Amount carried forward

\$500 00

PUBLIC BUILDINGS DEPARTMENT.

29

<i>Amount brought forward</i>		\$500 00
<i>Children's Trustees.</i>		
Rainsford Island, repairing burned buildings, erection of new stable, miscellaneous alteration work, etc.	\$10,000 00	10,000 00
<i>Hospital Department.</i>		
Elevators, etc.	\$4,300 00	
Work on Disinfector, South Department	700 00	
Heating and ventilation, Hay- market Square House	4,500 00	9,500 00
<i>Pauper Institutions Department.</i>		
Completion of Power House and Equipment, alteration work in laundry, new ma- chinery, etc.	\$31,000 00	
Erection and completion of Pump House	525 00	
Alteration of steam mains, etc.	3,500 00	
Miscellaneous alterations of plumbing	1,750 00	
Miscellaneous alteration work, etc.	1,100 00	37,875 00
<i>Police Department.</i>		
Police Station No. 6, altera- tions	\$3,000 00	3,000 00
<i>Penal Institutions Department.</i>		
Hospital Buildings, Deer Island, plumbing, heating, galvanized iron work, etc.	\$5,000 00	
Erection of office building, etc., Sargent's Wharf	2,134 00	7,134 00
<i>Public Buildings Department.</i>		
Ambulance Station, South Boston	\$4,810 70	
Old Franklin School-house, heating, etc.	1,500 00	
Battery Building, Wareham street, alterations	18,000 00	
<i>Amounts carried forward</i>	\$24,310 70	\$68,009 00

<i>Amounts brought forward.</i>	\$24,310 70	\$68,009 00
Ward-room. Ward 2, miscellaneous alterations . . .	2,100 00	26,410 70
	<hr/>	
<i>Insane Trustees Department.</i>		
Hot water heaters in buildings	\$650 00	650 00
	<hr/>	
<i>Grand total</i>		<u>\$95,069 70</u>

Respectfully submitted,

FRANK W. HOWARD,
Chief of Division.