CITY OF DOVER, N. H.

ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

SEVERAL DEPARTMENTS,

FOR THE

MUNICIPAL YEAR 1891.



DOVER, N. H.: SCALES & QUIMBY, PRINTERS, 1892.



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Dover, N. H., February 19, 1892.

To John B. Stevens, Jr., City Clerk:—

You are hereby directed to place the manuscript of the Annual Report for 1891, in the office of Scales & Quimby of said city.

Daniel A. Nute, John W. Merrow, Alfred R. Sayer,

Joint Standing Committee on Printing and Stationery.

City of Dover.

CITY GOVERNMENT, 1892.

ORGANIZATION:
The first Wednesday in January at 10 o'clock, A. M.

STATED MEETINGS:
The first Thursday in each Month, at 7.30 o' clock, P. M.

Mayor,

HENRY R. PARKER.

Residence, 31 Cushing Street. Office hours, 11 to 12 A. M.

President of Common Council, CHARLES W. SMITH. Residence, 16 Richmond Street.

City Clerk,

JOHN B. STEVENS.

Residence, 159 Washington Street.

Clerk of Common Council, WILLIAM E. WHITELEY. Residence, 38 Silver Street.

ALDERMEN.

Ward 1.

Joseph T. Woodbury, George W. Nute.

Ward 2.

Daniel A. Nute, Willard T. Sanborn.

Ward 3.

CHARLES E. BURNHAM, CHARLES PORTER.

Ward 4.

CHARLES H. FOSS, ALBERT G. NEAL.

Ward 5.

John J. McCann, John Killoren.

COUNCILMEN.

Ward I.

Fred E. Quimby, John W. Merrow,

JOHN F. STEVENS.

Ward 2.

Alfred R. Sayer, John A. Goodwin,

Erastus A. Crawford.

Ward 3.

CHARLES W. SMITH, CHARLES L. RICKER,

John W. Welch.

Ward 4.

Andrew P. Folsom, Charles F. Sawyer,

CHARLES H. MORANG.

Ward 5.

James Cassidy, Peter Murphy, Jr.,

PATRICK E. MALLON.

ORGANIZATION.

STANDING COMMITTEES.

IN BOARD OF ALDERMEN.

On Elections and Returns—Porter.
On Bills on Second Reading—Woodbury, Burnham, McCann.
On Enrollment of Bills—Foss.

IN COMMON COUNCIL.

On Elections and Returns—Morang, Stevens, Cassidy.
On Bills on Second Reading—Folsom, Murphy, Morang.
On Engrossed Ordinances—Crawford, Welch, Mallon.

JOINT STANDING COMMITTEES.

Finance—The Mayor, Foss, Smith, Quimby.

Claims—Killoren, Sayer, Ricker.

Repairs of School Houses—Neal, Stevens, Folsom.

Cemetery—Burnham, Goodwin, Quimby.

Lands and Buildings—Porter, Goodwin, Sawyer.

Streets, Sewers and Drains—G. W. Nute, Smith, Crawford.

Bridges—Sanborn, Ricker, Murphy.

Printing—D. A. Nute, Sayer, Merrow.

Lamps and Lamp Posts—Woodbury, Cassidy, Welch.

City Farm—McCann, Merrow, Morang.

City Park—Killoren, Mallon, Welch.

Recommendations—Porter, Sawyer, Crawford.

Superintendent of Schools,

CHANNING FOLSOM.

Residence, 98 Silver Street. Office, City Building. Office hours, 8 to 8.30 A. M., 11.45 A. M. to 12.30 P. M.

Secretary of School Committee, CHARLES A. FAIRBANKS. Office, 360 Central Avenue.

Collector of Taxes,
CHARLES W. DEMERITT.
Residence, 84 Locust Street.
Office, 81 Washington Street.
USS. Mondays, Wednesdays and Satur

Office hours, Mondays, Wednesdays and Saturdays, 9 A. M. to 12 M., 2 to 5 and 7 to 8 P. M.

Water Commissioners,
CHARLES A. FAIRBANKS, ARTHUR G. WHITTEMORE,
JOSEPH W. CATE.

Superintendent,
WILLIAM D. TAYLOR.
Office, City Building.

Civil Engineer,
LYMAN L. GERRY.
Office, City Buildin

City Marshal, JAMES FOGERTY.

Assistant Marshal,
EDWARD A. WILLAND.

Chief Engineer, WILLIAM B. PINEO.

City Solicitor,
WILLIAM F. NASON.

Treasurer,
ISAAC F. ABBOTT.
Office, Dover National Bank.

Health Officers, Charles A. Fairbanks, M. D.,

JAMES FOGERTY,

CHARLES M. JONES.

Assessors,

MICAJAH S. HANSCOM, JOHN S. GLASS, JAMES H. DAVIS, JOHN W. RINES, NATHANIEL C. HOBBS, JAMES McSorley.

City Physician,
CHARLES A. FAIRBANKS, M. D.

City Messenger,
George H. Demeritt.

Superintendent of Burials, Frank P. Coleman.

Overseer of the Poor, GEORGE W. GRAY, 2d.

Executive Officer, Board of Health,
CHARLES M. JONES.
Office, City Building.

Inspector of Kerosene Oil,
Eugene B. Foss.

Pound Keeper,
John W. Place.

Sealer of Weights and Measures, Charles C. Witham.

Commission of City Opera Building,

HIS HONOR, H. R. PARKER,

C. W. SMITH,

George H. Demeritt.

Fire Commissioners,

GEORGE G. LOWELL,

DENNIS CASH,

JOHN W. LEAVITT.

SECOND INAUGURAL ADDRESS

— OF—

HENRY R. PARKER, MAYOR.

DELIVERED JANUARY 6th, 1892.

GENTLEMEN OF THE CITY COUNCILS:-

Having for the second time assumed the duties pertaining to the office of Mayor, I will now present certain subjects of importance to the city, for your consideration.

First the City Finances.

At this time I will submit a brief statement:

LIABILITIES.

Missing bonds	\$10,000.00
P. & D. R. R. bond maturing Jan. 1, 1893	225,000.00
P. & D. R. R. bond maturing Jan. 1, 1897	33,000.00
Four per cent loan dated July 1, 1890	140,000.00
Notes due Savings Bank for County of Straf-	
ford, City Hall loan	155,000.00
Notes due Savings Bank for County of Strafford,	
Water Works loan	355,000.00
Currier fund (charity)	1,000.00
Tredick fund (cemetery	5,000.00
Outstanding claim	19,000.00
Total liabilities	\$943,000.00

ASSETS.

Cash in treasury	\$33,354.12	
Uncollected taxes (less abate-	00.00	
ments and salary)	24,000.00	
P. & D. R. R. bonds	7,000.00	
P. & D. R. R. stock at par S. F.	258,000.00	
Public Water Works	355,000.00	
Total assets	•••	677,354.12
Net municipal debt		265,645.88
Public Water Works		355,000.00
Total net debt of City of Dover	-	\$620,645.88

P. & D. RAILROAD BONDS.

In 1893, two hundred and twenty-five thousand dollars of our P. & D. Railroad bonds will mature. By a vote of the City Councils of date May 21, 1890, the city's 2,250 shares of P. & D. stock issued July 1, 1874, are held as a sinking fund until the bonds above alluded to mature.

During the year it will be your duty to determine the details of closing up this important matter.

SCHOOL DEPARTMENT.

There has been some criticism of the management in this department during the past year, but as criticism usually leads to better methods, I trust the School Board and the Superintendent, by united efforts, will give to the citizens, parents and scholars, a result which can displease none, but will become a lasting benefit to these large and constantly increasing numbers.

I earnestly recommend to your favorable consideration the largest possible aid compatible with the present condition of the City treasury, for above all other departments, this holds

the strongest claim upon your generosity—in a thorough education of the children rests the future of the city, state and nation.

STREET DEPARTMENT.

It must have been apparent to all that our streets have been in a better condition since May 1st. than formerly. They have been kept cleaner, the gutters freer from the accumulation of debris, and both are now in a more presentable condition—thanks to my associates upon the street committee and our efficient superintendent. For particulars I refer all to the report of the Superintendent.

SEWERS.

There has been more good work completed in this department since May 1st. than for the same period in the previous history of Dover. About one and one-half miles of sewer pipe have been put down since the above date. For particulars see report.

SPRINKLING STREETS.

Throughout the central business section this should be done by the city. Sprinklers should be purchased and placed under the care and direction of the Superintendent of Streets. Men and horses connected with the Central Fire Station could be utilized for this purpose on the Avenue between City Opera Building and Franklin square, Central square and railroad crossing on Washington street, and on the lower portion of Locust street, and around Opera building. These localities being in close proximity to Central Fire Station, men and horses could be concentrated easily to respond to fire alarms. By this method would be furnished men with intelligence to sprinkle without deluging the streets,

crossings and bridges, and useful exercise be given to the horses, which has heretofore occupied the time of the firemen.

POLICE DEPARTMENT.

During the past year I have taken personal pride in this department. From the Chief and each subordinate I have received uniform politeness and respectful consideration. Harmony has existed among the members of the Force, and their work has been well directed and effective.

CITY FARM.

I do not consider an appropriation for, or a committee on City Farm necessary at this time. The street department consume the hay, the principal product, and can afford to perform the required labor, as a compensation therefor.

DOG LAW.

The new and exacting law to prevent the destruction of sheep, and other damages by dogs, passed at the last session of the legislature, requires the owner or keeper of a dog to cause it to be registered. It appears by the record that six hundred and twenty-two male and seventy-one female dogs were licensed, up to and including date fixed. The gross amount received was \$1,599.00. The amount of the Clerk's fees at twenty cents each was \$138.60; the amount paid into the City Treasury being \$1,462.00.

I commissioned the regular police force to kill or cause to be killed, all dogs not licensed and collared, and they made due return of their doings.

FIRE DEPARTMENT.

The immunity of our City from devastating conflagrations, during the past year, is a cause for profound congratulation.

By a vote of the Councils this department has been placed in the care of a commission, which has been granted all the powers possessed by firewards, in the extinguishment of fires. The commission will present to the Councils, at their next regular meeting, such recommendations as may seem desirable for the complete reorganization of this department; and I hope that out of the reorganization will come efficiency and harmony.

HEALTH DEPARTMENT.

The efficiency of this department has been largely increased during the past year. The horse furnished by the street committee to Health Officer Jones, has been of great service to him in the accomplishment of the work, and better results will be obtained during the present year. The flushing of the sewers in the interest of sanitation should be transferred from the street department to the health department.

STREET LIGHTING.

Our streets have not been as well lighted during the past as during the preceding year. To this fact, and to the cost thereof, I ask special attention.

CEMETERIES.

Again, I doubt not, you will be called upon to enlarge Pine Hill Cemetery, or purchase land for a new one. I will suggest the idea of placing all cemeteries in care of a commission composed of five members, a qualified citizen from each ward. The proceeds from the sale of lots, or right of burial, to be deposited in the banks, and to be kept separate and apart from other funds, and to be appropriated to reimburse the city for the cost of land and for the establishment, improvement and perpetual care of cemeteries.

PUBLIC WATER WORKS.

The Water Commission is entitled to much credit for the businesslike method pursued in its department. The water supply is now wholly from springs. The purchase of the Hussey Farm, made to increase the supply and for a better protection thereof, was a step in the right direction. The easterly spring still remains, and should be connected with the main supply early in the Spring. Again do I recommend the protection of the waters in Willand and Barbadoes ponds and the Kelley springs, which will soon be needed to supply the demands of a constantly increasing population. Suitable coverings should be erected over the receiving basin at the pumping station and the reservoir on Garrison Hill, for the following reasons, viz:

It is an acknowledged fact that low forms of vegetation will germinate, flourish and decay in water exposed to the sunlight. This becomes a source of pollution.

Again, water exposed to the sun, during the summer months becomes unpalatable and flowing constantly through the water main from the heated reservoirs to our dwellings, runs from the faucets at a temperature too high for drinking purposes; and, as many of our citizens find their ice bills quite a heavy tax in addition to the furnishing of their families with food, clothing and shelter, I believe all would rejoice if the water could be kept at a low temperature throughout its course from the springs to our dwellings, which result might be obtained by protecting the supply from the heat of the sun. This method would also protect the water from the ripened vegetation blown hither by autumnal winds, and from the flying missiles of the ever inquisitive boy on mischief bent. In the interest of the consumers I ask for this recommendation your approval.

CITY OPERA BUILDING.

Now that our new public building is completed, we unavoidably consider its cost. Everything seems to be a matter of money now-a-days. Without discussing the question as to whether a simpler and less expensive structure would not have answered our actual wants, something remains to be said in excuse for its stateliness and cost. Its construction on this lot has brought into existence a great deal of taxable property. Possessing this costly edifice, it seems hardly necessary to advise watchfulness and care in its management. A very considerable portion of the outlay has been occasioned by providing for the rational enjoyment and pleasure of the public, and it is but reasonable and businesslike to expect such a net return in rental as will suffice to keep the building in repair. To accomplish this, bad debts must be avoided, and the minimum of help employed.

The management must be conducted on business principles. It shall be my aim to aid the commission in bringing about so desirable a result, and it will be your duty to see to it that we render a full and detailed account of all money received, and a plain statement of all expense incurred, giving the name of every person employed and the amount paid him, to the end that everyone of our acts shall be publicly known, and open to the approval or criticism to which they may be entitled.

Presumably some allusion to the cost of this public venture will be expected. The City Councils of 1889, before electing a building committee, used the insurance on the old building (\$23,410.00) and other funds in City Treasury, to buy the new lot at an expenditure of \$29,500.00, they paid for plans \$750.00.

They paid for examination of plans \$611.00.

The building committee report an expendi-	
ture, including \$25,000 received from sale	
of old lot of	\$175,607.41
The City Councils of 1890 authorized for bell	
and clock an expense of,	3,168.86
The Councils of 1891 authorized furnishing to	
date,	20,000.00
Curbing and grading to date,	1,747.43
	\$200,523.70

It will be noticed that \$49,143.50 of the above amount was derived from the insurance on the old Hall and the sale of old lot and buildings. This statement cannot be said to mark the exact limit of expense incurred, for the curbing and grading is not complete, and it is expected that the furnishings will exceed appropriations made and given above. The entire debt should be funded at an early date.

COMMISSION OF CITY OPERA BUILDING.

The commission having in charge the City Opera Building, organized on December 15th, 1891, in accordance with the ordinance relating thereto, and have submitted their report, ending December 31, 1891, to the City Councils.

THE PUBLIC LIBRARY

Has found lodgement in its new rooms in City Opera Building, and they are believed to be more desirable than at first supposed. A new catalogue is about to be issued from which much useful information pertaining to the library can be obtained.

In the reference room are about 500 volumes, which may not be carried away, but are accessible under proper regulations, to every inhabitant in the city. Careful observation and

inquiry have made it evident that these books are alike useful for all the reading people. Indeed the room is habitually frequented by persons of all grades, from those of the most limited to those of the most liberal education. In this connection I am pleased to add that the Trustees have recently come into possession of the law library of the late Frank Hobbs. This is a full and valuable collection, without price, and under reasonable condition, and will add much to the working power of the reference room. It is understood that this noteworthy gift marks the kindly feeling of Mrs. Frank Hobbs for dear old Dover, where her husband reached the height of his great professional success, and meets the warm approval of the family of the deceased.

MATERIAL PROSPERITY.

Few of the local annual reports which are received by the public with marked attention and interest, holds a higher place than that of the Board of Assessors. It comes opportunely, is always the result of computation and comparison, and usually contributes valuable material to the study of the tax problem.

From advance information, it appears that despite the increased expenditure the city is growing. Looking backward over a decade of years, I am prompted to congratulate the people on a good degree of advancement in the material prosperity of Dover.

There has been a large increase in the number of houses built, made necessary by a growing population, and several blocks have been erected for business purposes; an exten sive and self-supporting system of public water-works has been established: electric lighting and electric cars have come to stay; shoe manufacturers and machine shops have enlarged and quickened business; additions and improve-

ments have been made at Sawyer Mills, the Printery and Williams' Belt Factory; our streets certainly are in a better condition, though they have increased in number; Pine Hill Cemetery has received more attention than during any preceding quarter of a century; the Boston & Maine railroad service has kept even step with other improvements: and last but not least, the city has erected a stately and commodious public building, spacious and well arranged, and not without direct results in allowing such noble blocks as the Masonic Temple, and Anderton and Kennedy stores to come in as permanent taxable property.

As a whole, this may be better seen, if we compare the valuation for city taxes of 1891 with that of 1881. In the first named year it was \$8,879.770; and in the last \$7,575,380, showing our increase of taxable property to the extent of \$1,304,390.

CONCLUSION.

Gentlemen:—For the term of service for which we have been chosen, I ask your willing co-operation and advice. May neither friendship nor political or personal interests lead us from the path of duty to the people whom we represent. We may be unable to accomplish all we desire, but our duty will be well performed, if in all the legislation of the year, we shall be governed by an honest purpose to promote and foster the best interests of the people, by providing better facilities for trade and occupation, the utmost safety to life and property, the best advantages for education, and ample means for the enjoyment of all those benefits which our small, but well-regulated and prosperous city is expected to provide—doing which we may retire from our respective stations believing we have built the best we knew.

TREASURER'S REPORT.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

Gentlemen:—I hand you herewith an account of the funds received and paid out for the city of Dover for the year 1891; also a memorandum of city property in the hands of the treasurer at this date.

Most respectfully,

ISAAC F. ABBOTT, City Treasurer.

Dover, N. H., December 31, 1891.

ISAAC F. ABBOTT, TREASURER,

IN ACCOUNT WITH THE CITY OF DOVER.

1891	Receipts.		
Jan. 1.	DR.		
To balance from 1890 acc	ount		\$48,687 23
To Cemetery—received for	sale of lots fro	m—	
Bowers, Emma F.	No. 901		15 00
Cummings, Frank H.	" 993···		15 00
Danforth, George W.	" 948		15 00
Demeritt, George P.	" 882-3-4	-5	70 00
DeMeritte, Seorim	" 872		20 00'
Dophney, Ramy	" 899	• • • • • • •	15 00/
Hall, E. Melvin	" 934		25 00
Hanson, Mrs. Henry I	" 910		15 00
Gibbs, Oliver A.	" 894-5-6	7	70 00

		217		
То	Hanson, George W.	No.	960	\$20.00
	Hatch, Alden and			
	Glidden, Henry P.	66	968-9-70-71	75 00
	Hollingworth, Benjamin	64	400	20 00
	Jacobs, Mrs. Charles A.	66	977	20 00
	Jones, Richard	44	902	15 00
	Merrill, Charles H.	66	962	20 00
	Page, Geo. W. Est.	24	996	50 00
	Page, Mrs. Nettie	44	903	20 00
	Phillips, Mrs. Mary	66	997	10 00
	Rand, James B.	66	905	20 00
	Redmond, Wm. H.	66	963	15 00
	Smith, Mrs. Anna	44	957 · · · · · · · ·	15 00
	Stevens, Izette V.	+6	912	20 00
	Thayer, Alice E.	64	974	20 00
	Tolmay, Thomas	4.4	887-9	40 00
	Watson, John H.	64	976	20 00
	Received for sale of grav	ves f	rom—	
	Davis, George H.	No.		3 00
	Doughty, Sidney P.	4.6	61	3 00
	Garnet, John T.	66	62	3 00
	Gray, John W.	+4	99	3 00
	Jenkins, Charles W.	66	100	3 00
	Received for rent of ton	nb fr	om John Watson	78 00
То	Cemetery funds—income	only	to be used—	
	Received of estate of B	Benja	min T. Tredick,	
	for benefit of Pine Hi	ill ce	metery	5,000 00
	Received of Mrs. M. E.	Yor	k, for benefit of	
	lot No, standing in	nam	e of J. H. York,	50 00
	Received of Abby V. R			
	lot No. 867			50 00
	Received of Elizabeth			
	A. Hills, for benefit of			50 00

To Received of Stephen G. Marden, for benefit of lot No. 235	\$50 00
Received of estate of Sarah Emerson, for benefit of lot No. 2, standing in name of Tim-	
othy Emerson	50 00
To Cemetery funds income—Received for benefit	
of lots No. 56, 72, 75, 276-278, 459, 574,	
738—\$2 each	14 00
To City Farm—Received for—	
Old iron	14 47
Old lumber	5 00
Pork	60 36
To Coupon interest	360 00
To Currier Fund income	60 00
To Fire Department—Received for Hook and	
Ladder Truck	200 00
To Highways—Received for old horse	65 00
To Insurance—Received return premium of—	
Nashua Fire & Life Insurance Co	3 75
Concord Mutual Fire Insurance Co	5 55
To Licenses—Circuses	35 00
Dogs	1,462 00
Peddlers	28 50
Theatre	12 00
To Notes Payable—	
Dated June 23, 1891	35.000 00
" ()ct. 26, 1891	35.000 00
To Notes Payable, City Hall—	
Dated March 6, 1891 · · · · · · · · · · · · · · · · · · ·	15,000 00'
" June 2, 1891	15,000 00
" July 7, 1891	15,000 00
" Nov. 23, 1891	10,000 00

To Notes Payable, City Hall Furnishings—		
Dated Nov. 21, 1891	\$10,000	00
" Dec. 16, 1891	10,000	00
To Notes Payable—		
Dated Dec. 3, 1891, payable to the Savings		
Bank for the County of Strafford on de-		
mand with interest at 5 per cent per		
annum	145,000	00
To Paupers—Received for board of Catharine		
Haley at Insane Asylum	279	49
To Police Court, Clerk's Fees—Received of A.		
G. Whittemore, Clerk	213	92
To Police Court, Costs and Fines—Received of		
James Fogerty, City Marshal	1,478	97
To Rents—Received of Frank P. Stevens for use		
of hearse house lot, 1890	8	00
Received of Joseph S. Abbott, for use of land		
at City Farm, 1890	10	00
To Sewers—Received for entrance fees of—		
Baty, John, 8 Hamilton street	25	00
Bennett, Martin P., 19 New York street	25	00
Broadway F. W. B. So. Trustees of. Broadway	25	00
Burwell, Augustus B., Lexington street	25	00
Buzzell, George E., Lexington street	25	00
Colbath, Chas. W., 44 Elm street	25	00
Colbath, William Jr., 26 Fisher street	25	00
Corson, Charles M., cor. Elm and Fisher sts.	25	00
Cresey, T. P., 150 Central avenue	25	00
Crockett, Harriet, 46 Broadway	25	00
Dame, W. F., 53 Fifth street	25	00
Everett, John, South Pine street	25	00
Fisher, Samuel C., Summer street	25	00
Eolsom, James L., 72 Atkinson street	25	00

То	Frost, Miss Ann, 267 Central avenue	\$25 00
	Ham, Elmira D., East street	25 00
	Hammond, M. B., Portland street	25 00
	Hanson, Burnham, Portland street	25 00
	Jenkinson, Vienna I., 7 Fisher street	25 00
	Jones, Joseph, 30 Fisher street	25 00
	Knight, Mrs. Mary J. and Bertha, Summer st.	25 00
	Maloney, James, 74 Portland street	25 00
	McBennett, Michael, 269 Central avenue	25 00
	McManus, Michael, 35 Elm street	25 00
	Oldroyd, Joseph, Fisher street	25 00
	Palmer, Benj. W., cor. Grove and Fifth sts	25 00
	Place, Albert C., Lexington street	25 00
	Purinton, E. J., 11 Hamilton street	25 00
	Richardson, Isabel C., 39 Elm street	25 00
	Rollins, Mrs. E. H., 7 Hamilton street	25 00
	Rositer, Patrick, 7 George street	25 00
	Russell, Mrs., 9 East street	25 00
	Stevens, William, Silver street	25 00
	St. Thomas Church, Locust street	25 00
	Trefethen, Francena, 9 Forest street	25 00
	Weld, R. H., 613 Central avenue	25 00
	T. W. Woodman, corner Central avenue and	Č
	Union street	25 00
То	Sidewalks—Refunded for brick and labor	ŭ
	advanced by city	73 37
То	Special—Refunded by J. Chesley Hayes	3 60
	Taxes—School, received of Town of Mad-	Ü
	bury	19 13
То	Taxes—	
	1889, Rec'd from C. W. Demeritt, Collector	1,305 21
	1890 " " " " "	21,054 08
	1891 " " " "	135,692 97

To Taxes—	
Insurance from State	\$146 25
Literary fund	1,995 00
Railroad	. 5,022 44
Savings Bank	. 26,090 89
	\$541,334 18

ISAAC F. ABBOTT, TREASURER,

IN ACCOUNT WITH THE CITY OF DOVER.

1891. Payments.	
December 31. CR.	
By Base ball	\$28 90
Bridges Bonds, Nos. 1 to 10 each, inclusive, pay-	431 55
able July 1, 1890	10,000 00
Cemetery	1,461 52
Cemetery fund—deposited in Savings Bank for benefit of lot No.—–, Jasper H. York,	
income only to be used	50 00-
Cemetery fund—deposited in Savings Bank for benefit of lot No. S67, Abbie V. Ricker,	
income only to be used	50 00
Cemetery fund—deposited in Savings Bank for benefit of lot No. 376, Elizabeth R. Smith and Edwin A. Hills, income only to	
be used	50 00
Cemetery fund—deposited in Savings Bank for benefit of lot No. 235, Stephen G. Mar-	
den, income only to be used	50 00

Го	Cemetery fund-deposited in Savings Bank	
	for benefit of lot No. 2, Timothy Emerson,	
	income only to be used	850 00
	Cemetery funds—income expended for care	
	of lots Nos. 56, 72, 75, 276 and 278, 459,	
	574, 738	14 00
	City Farm	333 25
	City Hall	80,221 48
	City Hall bell and clock	1,311.49
	City Hall furnishings	18,959 36
	City Hall grading and curbing lot	1,787 93
	City Opera Commission	500 00
	City Park	353 70
	Cleaning schoolhouses	257 92
	Currier fund income	60 00
	Dog fund	154 55
	Engineering department	493 02
	Fire department	7,596 23
	Fourth of July	9 77
	Health	995 83
	Highways	21,102 01
	Hydrants	4,500 00
	Interest on bonds	5.980 00
	Interest on notes	859 69
	Lands and Buildings	1,097 86
	Library	4,750 00
	Lights	9,238 95
	Miscellaneous	3,705 56
	Notes Payable—Dated June 22, 1891	35,000 00
	Dated Oct. 26, 1891	35,000 00
	Dated March 6, 1891	15,000 00
	Dated June 2, 1891	15,000 00
	Dated July 7, 1891	15,000 00

To Notes payable—Dated Nov. 23, 1891	
Taxes, State 22,690 00)
Water works 3,600 00 \$507,980 06	
Balance to new account	
73	

Respectfully submitted,

ISAAC F. ABBOTT, Treasurer.

Dover, N. H., Dec. 31, 1891.

TREASURER, Dr.

WATER WORKS ACCOUNT.

1891.
Jan. 1, to balance from 1890 account \$2,896 48
Dec. 31, received of W. D. Taylor, Supt 28,257 00
\$31,153 48
TRE.4SURER, Cr.
Dec. 31, By commissioners' checks, paid \$27,940 12
By balance to new account 3.213 36
\$31,153.48
TREASURER, Dr.
COUPON ACCT. PORTSMOUTH & DOVER R. R.
Jan. 1, To balance from 1890 account 842 00
To dividend, 3 per cent., 2580 shares stock 7,740 00
July, 1 To dividend, 3 per cent., 2580 shares stock 7,740 00
\$15,522.00
TREASURER, Cr.
Dec. 31, By coupons paid
By balance to new account 306 00
\$15,522 00 Respectfully submitted,
Isaac F. Abbott, Treasurer.
Dover, N. H., Dec. 31, 1891.
Dover, N. 11., 17cc. 31, 1091.
MEMORANDUM OF PROPERTY IN THE HANDS OF THE CITY TREASURER.
City of Dover bonds
2580 shares of Portsmouth & Dover R. R. stock,
sinking fund
C C

TRUST FUNDS.

Currier fund, (charity) City of Dover bonds	\$1,000 00
Tredick fund, (cemetery) included in cash bal-	
ance	5,000 00
Cemetery fund, Savings Bank books benefit of lot	
No. 2	50 00
No. 10	51 12
No. 56	100 42
No. 72, G. A. R. land	103 29
No. 75	54 44
Nos. 214 and 216	105 32
No. 235	50 00
Nos. 276 and 278	109 35
No. 304	103 01
No. 376	50 00
No. 459	50 62
No. 503	103 29
No. 574	56 40
No. 738	82 78
No. 867	50.00
——— Dr. J. H. York	50 00

ISAAC F. ABBOTT, Treasurer.

Dover, N. H., Dec 31, 1891.

ANNUAL REPORT

OF

The Joint Standing Committee

·ON

FINANCE.

To the City Councils of the City of Dover:

The books of the city treasurer have been examined by us and compared with those of the city clerk, and all accounts are found to be correctly kept, with vouchers on file for all payments.

We have examined the bonds and cash on hand, and also the sources from which the income of the city has been derived, and are satisfied that the report of the city treasurer is correct.

We have also examined the books and accounts of the city clerk, and find bills approved and checks properly issued.

We find the cash balance in the hands of the city treasurer to be \$33,354.12. The treasurer's report is made a part of this report.

H. R. PARKER,
WILLARD T. SANBORN,
C. H. Foss,

Joint Standing Committee on Finance.

Dover, N. H., Dec. 31, 1891.



Dover, N. H., January 5, 1892.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

By vote of the School Committee of the City of Dover, I have the honor to communicate to you the annual report of said Committee to the City, adopted Jan. 4, 1892, as prescribed by Section 21, of Chapter 88, of the General Laws of the State of New Hampshire, of which report the reports of the Superintendent of Schools, the Committee on Finance and Claims, and the Auditing Committee, also herewith presented, were by vote of the School Committee, approved and made a part.

Respectfully submitted,

Charles A. Fairbanks,

Secretary.



ANNUAL REPORT

OF

THE SCHOOL COMMITTEE.

GENTLEMEN OF THE CITY COUNCILS:

In compliance with the provisions of the City Charter, the School Committee respectfully presents its twenty-second annual report.

The membership of the Committee and the terms for which they were elected, are as follows:--

SCHOOL COMMITTEE.

1891.

Chosen by the People.

Ward I:	Term	Expires.
Alonzo T. Pinkham,	Janua	ry, 1893
Fred E. Quimby,	"	1892
Ward 2:		
David T. P. Chamberlin,	"	1893
Thomas B. Garland,	"	1892
Ward 3:		
Charles A. Fairbanks,	"	1893
WILLIAM H. VICKERY,	6.6	1892
Ward 4:		
Charles A. Tufts,	66	1893
HENRY E. PERRY,	"	1802

Ward 5:		
JOHN D. O'DOHERTY,	January,	1893
JOHN KILLOREN,	"	1892
Chosen by the City Councils.		
Ward I:		
George J. Foster,	January,	1893
Ward 2:		
James H. Southwick,	66	1892
Ward 3:		
George S. Frost,	66	1893
Ward 4:		
Thaddeus P. Cressey,	"	1892
Ward 5:		
Alonzo M. Foss,	6.6	1893

ORGANIZATION.

Chairman,

Thaddeus P. Cressey, 150 Central Avenue.

Secretary,

Charles A. Fairbanks, 360 Central Avenue.

SUB-COMMITTEES.

Qualifications of Teachers.

Cressey (ex-officio), Garland, Tufts, Killoren, Pinkham, Southwick.

Finance and Claims.

PINKHAM, PERRY, FROST, FOSS, SOUTHWICK.

Health.

O'Doherty, Tufts, Chamberlin, Foster, Vickery.

Text-Books.

GARLAND, TUFTS, QUIMBY, FAIRBANKS, KHLOREN.

Music and Drawing.

FOSTER, TUFFS, FAIRBANKS, QUIMBY, O'DOHERTY.

High School.

Cressey (ex-officio), Garland, Vickery, Fairbanks, Killoren, Frost.

Grammar Schools.

VICKERY, PERRY, QUIMBY, FROST, O'DOHERTY.

Primary Schools.

CHAMBERLIN, GARLAND, SOUTHWICK, PINKHAM, CRESSEY.

Ungraded Schools.

PERRY, PINKHAM, FOSS, FOSTER, CHAMBERLIN.

Evening Schools.

QUIMBY, VICKERY, PERRY, Foss, FOSTER.

Superintendent of Schools, CHANNING FOLSOM;

Residence, 98 Silver Street. Office, City Hall Building. Office Hours, 8 to 8.30 A. M., and 11.45 A. M. to 12.30 P. M.

Treasurer,

Isaac F. Abbott,

Dover National Bank.

FINANCES.

The following are the gross receipts and expenditures from January 1, 1890, to January 1, 1891: receipts, \$28,087.35; expenditures, \$27,587.22; balance, \$500.13.

A statement by subdivisions of the receipts and disbursements will be found in the report of the committee on finance and claims, and the customary statistical tables of the superintendent will accompany this report.

The committee find by careful estimates that the sum of \$8,000.00 in excess of the amount required by law, and \$1,200.00 for free text books, will be required to successfully carry on the schools for the ensuing fiscal year. No public money is more wisely directed than that which is expended upon the maintainance of our schools. It has been shown by careful estimates, that the amount spent upon all the public schools of the United States is less than one eighth of the amount represented by the cost of protecting society against criminals. "In the education of the citizen is to be found the best and least costly defence of the State against the encroachment of every foe."

HIGH SCHOOL.

The High school has more than sustained its enviable reputation as one of the best of its class. No public institution in our city rivals this school in the affections of our citizens.

The blessings it has bestowed upon the community in the past by sending forth a host of intelligent, well-educated young men and women to swell the ranks of public spirited and intelligent citizenship, and the promise it gives of continuing and widening its beneficent influences in the future, render this school dear to all who desire to promote the highest interest of our city.

It is a matter worthy of remark that the coming year will show a larger number grabuating from our High school than any preceding year. This is due not only to the growth of the city, and the popularity and management of the schools, but also to the introduction of free text books, and our public library. The large increase in the number of our graduating classes, in the High and Grammar schools, suggests the need of modifying in some way the old plan of holding commencement exercises. The committee believe that it is of no-substantial value to the classes, absorbing, as it does the time and strengh of the teacher and pupil. It is a sort of "dress parade" occasion, and productive of more envy and ill-natured criticism, than of solid and useful attainments.

TEACHING, A PROFESSION.

It is in the highest degree important that teaching should be regarded as a profession, and that none but those possessed of good scholastic attainments supplemented by professional training, should be selected to teach. It is manifestly wrong to put untrained persons into positions demanding the best service of skilled workmen. A large proportion of all the pupils obtain their education in the Primary and lower grades of the Grammar schools, and it is the aim of the committee to have the work in these grades done by the most earnest and faithful teachers.

THE TRAINING SCHOOL FOR TEACHERS.

The committee believe it is by the practice of the Cadet method, that we shall be enabled to secure trained teachers in our schools.

"The art of teaching can only be acquired by teaching."

We cannot emphasize too strongly the beneficial results of our Training school under the principalship of Miss Alice M. Dudley. The pupil teachers in these schools have been selected largely from our High school, who have passed an examination before the committee on qualifications of teachers, as required by the rules of the board. It should be understood that this school is organized not only for the purpose of qualifying suitable persons to teach, but that one of its most serviceable functions is to exclude those who, while possessing the requisite scholastic qualifications, have no aptitude for the work of teaching.

REMARKS IN GENERAL.

Let us hope that the same energy which has been shown in rearing our new municipal building, crowning so fitly our system of public buildings, be continued in the erection of a new High school building, a desideratum devoutly to be wished by all who are interested in our schools and their possibilities.

Our city is growing in every direction. Human knowledge in the last fifty years has advanced farther than in the five hundred preceding. The educational horizon is enlarging; everywhere we look we find the world teeming with new discoveries in philosophy, science, and art. Ancient systems, the work of ages, are falling; new and better methods are introduced to take their places; creeds, theories, and philosophies are examined and reconstructed; the purest ideal which gives completion to life seems to be within our reach. Early in the school year the crowded condition of several of the Grammar schools made it necessary to transfer a small number of pupils to other schools of the same grade; it was hoped by this means to equalize the number of scholars as far as practicable that they might receive better instruction and also to establish better hygiene in the schools, to improve the health of the teachers and pupils.

Penmanship in the Primary and Grammar schools has frequently elicited warm commendations from visitors for its uniform excellence. The drawing is also gradually coming to the front.

Those of the committee who have observed the successful manipulation of the typewriter, believe in introducing a small number into the High school. In the use of these machines the student must give attention not only to habits of care, neatness, and accuracy, but also to spelling, capitalizing, punctuating, sentence-making, and paragraphing. The possibilities of the typewriter have so attracted the attention of educators, that they have been placed in a large number of High schools and Grammar grades throughout the country.

The thanks of the board are again due, and are hereby presented to the trustees of the St. John's M. E. church, for the use of their church for the graduating exercises of the High school.

The board desire to tender their thanks to Hon. Hosea B. Perkins, of New York City, for the gift of \$25 to that pupil of the graduating class, who in the opinion of the class, possessed in the highest degree those qualities which tend to make true manhood or true womanhood; the prize was

awarded to Miss Hittie F. Ham, in a few well chosen words by Rev. Joseph P. Sheafe.

EVENING SCHOOLS.

The attendance at the evening schools became so small that the Committee found it necessary to close these schools early in the year.

There is a large number of children who should have availed themselves of these privileges where they would have been taught to be punctual, obedient, and well mannered, to say nothing of the advantages they would have derived from learning to read, write, and cipher. Many parents of the class referred to are so deadened to all higher impulses that they are willing to live in squalor and idleness on the earnings of their young children and allow them to spend their evenings in those localities where vice and depravity are so dense as to shut out all moral light.

CONCLUSION.

The outlook for our schools was never more hopeful than now. The board and its several committees have served the city faithfully and well during the year, having uniformly endeavored to attain the best results with the means placed at their command. The teachers have generally done their work faithfully and conscientiously, the majority of them discreetly and intelligently. Our citizens show by their appreciation of free education and by their liberal support of our system, which has secured public confidence, that they endorse the work of the Committee.

A majority of our best and most useful citizens have received their education in these schools, and they remember them with gratitude and respect.

The prosperity of our schools in the future will largely

depend upon those who may be chosen to manage this important interest.

They are free from all sectarian and political influence, and no person should be allowed to assist in their future management who would pervert his office to partisan purposes or personal benefits. He should be intelligent and a true friend of free education, and his whole purpose in this relation should be to promote the interests of the schools, and to increase their usefulness.

By vote of the Committee,

Thaddeus P. Cressey, Chairman.

Chas. A. Fairbanks, Secretary.

ANNUAL REPORT

OF THE

COMMITTEE ON FINANCE AND CLAIMS.

1891.

The Committee on Finance and Claims respectfully make the following report as to the receipts and expenditures of the Board during the year 1891.

The resources of the Committee, apart from the special appropriation for free text-books, were as follows:—

RESOURCES.

Appropriation by law \$	\$15,767	50-
Appropriation in addition	7,850	00
Total from City Treasurer\$		50
Tuition from persons	246	79
Literary fund from State Treasurer	1,995	00
Balance from 1890	155	59
\$	\$26,014	88
EXPENDITURES.		
General account\$	\$25,937	59
Balance	\$77	29
GENERAL EXPENSE ACCOUNT BY SUBDIVISIONS.		
Salaries.		
Teachers	\$19,377	28

Superintendent of Schools	\$1,800 00
Secretary of the Committee	100 00
Treasurer of the Committee	50 00
	\$21,327 28
Fuel.	
Coal	\$1,663 32
Wood	357 00
	\$2,020 32
Care of School-houses and School-rooms.	
George A. Patterson, South side	\$600 00
Horace Emerson, North side	600 00
George Rutter, Welch school	41 64
Samuel L. Gray, Sherman school	25 00
Janitors, suburban service	147 00
	\$1,413 64
Books, Printing, and Stationery.	
Binding	\$11.95
Printing	223 75
Maps	16 50
School supplies—Mucilage, paper, ink, envelopes, rubber bands, blotting paper, reference books,	10 10
etc	96 92
	\$349 12
Incidentals,	0.7
Rent, heating, and gas	S93 68
Express, trucking, and postage	102 54
Chemicals for High school	91 78
Philosophical apparatus	6 80
Diplomas for High and Grammar schools	25 00

•	
Supplies—pencil-sharpener, brushes, dusters, cotton flannel, book supports, call-bells, rattans,	
pails, brooms, baskets, etc	\$148 85
	\$468 65
Miscellaneous.	3
Transportation of pupils	\$198 15
Miscellaneous items	160 43
	\$358 58
SPECIAL APPROPRIATION ACCOUNTS.	
Evening Schools.	
Balance from 1890	\$201 92
Balance December 31, 1891	201 92
Free Text Books.	
Balance December 31, 1890	\$537 56
Received from City Treasurer	1,500 00
Received from sale of books	34 91
	\$2,072 47
Expended	1,649 63
D = I =	\$422 84
Balances.	
General appropriation	\$77 29
Evening schools	201 92
Free text books	422 84
Total	\$702 05
Packartfally whoisted	

Respectfully submitted,

A. T. Pinkham, Henry E. Perry, Geo. S. Frost, Jas. H. Southwick, A. Melvin Foss,

Committee on Finance and Claims.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF SCHOOLS.

TO THE SCHOOL COMMITTEE OF THE SCHOOL DISTRICT OF THE CITY OF DOVER:

Gentlemen:—I have the honor to submit my tenth annual report upon the schools of this city.

STATISTICS.

NUMBER PUPILS ENROLLED DURING THE YEAR ENDING JUNE, 1891.

	Total.	Boys.	Girls.
High School	137	5 1	86
Grammar Schools	442	. 208	234
Primary Schools	725	357	368
Ungraded Schools	150	86	64
Total in Day Schools	1454	702	752

ASSESSORS' ENUMERATION OF CHILDREN BETWEEN THE AGES OF FIVE AND FIFTEEN YEARS.

	Ap	April, 1888.			April, 1889.		Ap	ril,	890.	Ap	ril, 1	891.
Wards.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
I	193	173	366	201	186	387	135	124	259	117	95	212
2	204	194	398	204	235	439	202	222	424	202	227	429
3	156	144	300	158	150	308	127	149	276	132	117	249
4	336	328	664	316	333	649	288	317	605	303	299	602
5	178	167	345	186	171	357	168	162	330	186	178	364
	1067	1006	2073	1065	1075	2140	920	974	1894	940	916	1856
Pop	Population of city by census of 1890 12,779											
	essed										37,97	
	mber er six			nder	SIX V		_					97
	ween			xteen]	,247
	ween											1,336

Average number enrolled:	
High school	
Grammar schools	
Primary schools 623	
Ungraded schools 120	
Total	1,301
Average enrollment compared with total enroll-	
ment, per cent	89.5
Average attendance daily:	
High school 118	
Grammar schools	
Primary schools	
Ungraded schools	
Total	1,145
Average attendance during the term ending Dec. 18, 1891	1,122
Average attendance for the year compared with average enrollment, per cent.:	
High school96.7	
Grammar schools91.3	
Primary schools 84.7	
Ungraded schools 84.	
Average per cent for the city	88.
Average attendance compared with total enroll- ment, per cent :	
High school	86.1
Grammar schools	90.

Primary schools	72.8 67.3
Number of tardinesses during the year:	
High school79Grammar schools93Primary schools501Ungraded schools81	
Total	754
Number of pupils neither absent nor tardy	91
Aggregate membership of the several classes of the graded schools, Dec. 18, 1891 :	
Primary schools:	
Fourth class. Third class. Second class. First class.	185 117 138 133
Grammar schools:	
Fourth class Third class Second class First class	126 119 93 90
High school:	
Fourth class	46 27
Second class	23
First class	28

Number of visits made by the Superintendent:		
High school	16	
Grammar schools	165	
Primary schools	331	
Ungraded schools	76	
Total		588
Number of visits made by members of the Committee:		
High school	13	
Grammar schools	98	
Primary schools	129	
Ungraded schools	23	
Total		263
Number of visits made by parents, citizens, and others:		
High school	26	
Grammar schools	376	
Primary schools	848	
Ungraded schools	279	
Total		1,529
Number of teachers during the year 1890-'91:		
High school	5	
Grammar schools	ΙI	
Primary schools	17	
Ungraded schools	8	
Special teachers:		41
Drawing	I	
Music	I	2
Total		43

Number of schoolhouses	19
Number occupied at close of year	16
Average number of square feet of blackboard to each room:	
High school	240 295 295 205
Average for city	27 I
Number of teachers who have attended a normal school	8
Number of weeks in the school year:	
High school	38
Grammar schools	37
Primary schools	36
Ungraded schools	36
Number of instances of tardinesses during the last nine years:	
1882-83	3,188
1883-84	2,193
1884-85	2,571
1885-86	1,452
1886-87	972
1887-88	782
1888-89	867
1889-90	670
1890-91	754

TABLE OF ATTENDANCE IN THE DAY SCHOOLS SINCE THE ORGAN-IZATION OF THE PRESENT CITY SCHOOL DISTRICT.

School Year.	Whole number of different pupils enrolled.	Average attendance daily.	Average attendance compared with total yegistration, per cent.
1870-71 1871-72 1872-73 1873-74 1874-75 1875-76 1876-77 1877-78 1878-79 1878-79 1880-81 1881-82 1882-83 1883-84 1884-85 1885-86 1886-87 1887-88 1888-89 1889-90 1890-91	1865 1857 1887 1877 1864 Not reported. " 1613 1946 1880 2029 1948 1444 1384 1423 1478 1478 1474 1498 1521	1270 1257 1231 1225 1191 Not reported. " 1028 1388 1436 1440 1382 931 1029 1118 1134 1115 1158 1145	68.0 67.7 65.2 65.3 63.8 Not reported. " 63.7 71.3 76.4 70.9 70.9 64.5 74.3 78.6 76.7 75.6 77.3 75.6

TABLE SHOWING COST PER CAPITA FOR INSTRUCTION IN THE SEVERAL GRADES OF SCHOOLS.

	Total enrollment of pupils taken as a basis.	Average enrollment of pupils taken as a basis.	Average daily attendance taken as a basis.
High School, Grammar Schools, Primary Schools, Ungraded Schools: Upper Factory, Garrison Hill, Blackwater, Tole-end, Back River, Upper Neck, Lower Neck, Summary of Ungraded Schools, Average for the City,	\$33.86	\$38.03	\$39.32
	12.89	13.04	14.32
	8.17	9.51	11.22
	30.96	34.40	44.23
	17.48	22.95	26.23
	40.80	45.90	61.20
	15.39	21.80	32.70
	11.65	14.83	18.23
	14.12	17.48	18.36
	9.60	14.19	17.18
Expense for text-books and supplies, Miscellaneous, Total expense per capita,	1.13	1.26	1.44
	4.51	5.04	5·73
	18.96	21.19	24.08

TABLE SHOWING ATTENDANCE IN DETAIL DURING THE VFAR ENDING JUNE 30, 1891.

School	Class.	Teacher.	No. different pupils.	Average enrollment.	Average attendance.	Per cent. of attendance daily.	No. of pupils not absent or tardy. No. of tardinesses.
High,		Frank W. Whitney, Grammar Schools.	137	122	118	96.7	20 79
Sawyer, " Belknap, " " Sherman, Peirce, Varney,	3 4 1 2 3 4 2	Frank H. Pease, Sarah L. Hallam, Carrie S. Hanson, Helen M. Clark, Mary S. Piper, Ida B. Hanson, Mary E. Cartland, Alice H. Davis, Lillian B. Hill, Ida M. Clement, Lizzie F. Drew, Primary Schools.	54 42 45 38 47 45 52 36 51	40 38 36 46 41 46 30 39	37 38 34 34 44 39 41 27 35	96.1 93.8 94. 91.3 95.5 95.1 90.9 91.1 92. 91.1	5 III 6 7 4 7 4 5 7 4 9 I 3 I8 2 7 2 9
Sawyer, " " Peirce, "	3 4 1, 2	Jennie F. Philbrick, Carrie E. Hammond, Carrie B. Drew, Hattie J. Bickford, Miriam Davis, Helen C. Varney,	49 43 63 69	39 35 43 44	35 30 37 39	92.7 88.9 84.1 86.2 88.3 87.5	3 7 1 25 1 23 2 6

TABLE SHOWING ATTENDANCE IN DETAIL DURING THE YEAR ENDING JUNE 30, 1891.

Class,	Teacher.	No. different pupils.	Average enrollment.	Average attendance.	Per cent. of attendance ance daily.	No. of pupils not absent or tardy.	No. of tardinesses.
Peirce, 4	(Lizzie J. True, Ella G. Libby,	62	44	35	80.5	0	67
Sherman, 4	Fannie E. Robinson,	5 I	34	28	88.3	I	44
Varney, 1, 2		52	41	34	83.4	О	26
2, 3	Ella G. Libby, Alice M. Dudley,	44	35	30	88.3	I	11
4	Alice M. Dudley,	70	52	38	81.4	0	55
Hale. 1	Juliette Reynolds,				85.	I	52
	Agnes B. Whitehead,				89.3	0	20
3	Emeline B. Thomson,				85.7	1	30
." 4	Nellie P. Wallingford,				84.	1	20
	Mabel Stevens,				89.2	I	30
Welch, 3, 4	Eleanor M. Thompson,	50	33	27	83.6	0	70
	Ungraded Schools.						
Upper Factory	Bessie O. Ham,	10	9	7	87.5	2	0
	Idella R. Berry,				88.	0	12
Blackwater,	Edith A. Gowen,	9	3	6	75.4	1	. 7
Tole End,	Julia A. Grant,	17	12	8	66.7	0	9
Littleworth,	Carrie M. Meserve, Vienna L. Hill,	16	9	8	88.9	0	28
Back River,	Èmma S. Nealley,	28	22	19	89.2	0	1.1
Upper Neck,	Mary E. Pinkham,	26	21	20	95.2	I	II
Lower Neck,	Carrie E. Varney,				81.	0	3
		1			1	1	

You will observe that the total enrollment for the school-year which closed in June, 1891, is less by 67 than that for the preceding school-year; but that, by a strange coincidence, both the average enrollment and the average attendance are exactly the same for the two years.

SCHOOLS.

The number of schools remains the same as at the close of last year, the Littleworth school having been discontinued during the year, and the Sherman having been enlarged by opening a second grammar class at the beginning of the year. This latter step was rendered necessary by the unwieldy size of the second classes of the Belknap and Sawyer schools and the lack of proper accommodations for the pupils.

The organization of the schools was somewhat changed by the instructions given me by your board in the following resolution, adopted June 11, 1891:

Resolved, that on and after the beginning of next term the Varney school be made a regular four-class primary school and that the Pine Hill school be made a third and fourth class grammar school, and that the Superintendent be authorized to make all neccessary arrangements to carry this into effect.

These instructions were carried out at the opening of the schools in September, and have resulted in the simplification of the work in the primary schools affected.

The Peirce school is the only full primary school that now remains, having two classes in the same room. I allow myself to indulge in the hope that this school may be regraded in the not distant future.

UNGRADED SCHOOL.

The management of the ungraded schools is fraught with many difficulties. Previous to 1870 there were in Dover twelve school districts, two of them lying within the compact part of the city, ten in the rural regions. In that year the twelve districts became one legal school district; Dover thus ante-dated the State in the adoption of the town system by seventeen years. The school houses remain within the limits of the former rural districts, and for most of the time ten schools have been maintained in them. At the present time schools are in operation in seven of them, the Long Hill, the Littleworth, and the Knox Marsh buildings being closed.

As considerable attention has been directed to this class of schools during the year, it seems proper at this time to give a synopsis of the acts of the board relating to them.

At the meeting of the board, April 16, 1891, the committee on ungraded schools received instructions which resulted in the following report, June 11, 1891:

TO THE SCHOOL COMMITTEE:

At a special meeting of the school committee held April 16, 1891, the following resolution was adopted:

Resolved, That the committee on ungraded schools is hereby directed to report to this board whether or not it is feasible to reduce the number of ungraded schools now maintained in the city, and if so, to make recommendations for carrying such reduction into effect, as early as the stated meeting in June.

In accordance with the instructions the committee on ungraded schools hereby reports;

For the proper understanding of the condition of the ungraded schools we present the following figures:

Name of School.	Present Enrollment.	Average Attendance last month.	Per capita cost for Instruction on average attendance during last school year.
Lower Neck, Upper Neck, Back River, Garrison Hill, Littleworth, Tolend, Upper Factory, Blackwater, High School, Grammar Schools, Primary Schools,	23 28 25 17 8 9 6	21 22 10-40 22 24-40 16 27-40 7 9-40 6 12-40 5 12-40 4 27-40	\$15.75 15.00 16.58 19.69 35.00 39.37 26.25 53.00 38.10 13.33 11.07

It is unquestionably true that better instruction is given in schools that are well graded and in which each teacher has but one class as a rule, than in ungraded schools, the ability of the teachers being equal.

That many of the residents of the rural portions of the city appreciate this, is evidenced by the fact that they send their children to the graded schools, in many cases at great expense, rather than to the nearer ungraded schools of their own localities.

We have no doubt that the parents of the children of some of the smaller of the ungraded schools would gladly avail

themselves of transportation to the graded schools, were safe and comfortable conveyances furnished by the city; and that in this way more could be furnished to the farming sections educationally than in any other manner.

The Lower Neck, Upper Neck, Back River, and Garrison Hill schools are of such size as to warrant their continuance.

The Blackwater and Long Hill sections are so remote from the city proper that a school in that part of the city seems a necessity.

The pupils in the Upper Factory, Tole-end, and Littleworth schools would be far better off, and could be taught at less expense in the other schools of the city.

In view of these facts your committee recommends the passage of the following resolutions:

Resolved, That the committee on ungraded schools is hereby instructed to consult with the parents of children attending the Tole-end, Littleworth, and Upper Factory schools to see if said parents desire that their children be conveyed to the graded schools in the city.

Resolved, That said committee is authorized to make contracts for the conveyance of said children in case the parents so desire.

Resolved, That the city councils are hereby requested to move the Blackwater school house to some suitable location between its present site and the Long Hill schoolhouse.

Respectfully submitted,

H. E. Perry,
A. Melvin Foss,
Geo. J. Foster,
D. T. P. Chamberlin.

The Report was accepted and the resolutions adopted.

Pursuant to the instructions of the first of the foregoing resolutions, the sub-committee, accompanied by the superintendent, held conferences with the parents of the several sections referred to, in the school houses of the respective sections, and presented their conclusions to the board, July 9, in the following report:

TO THE SCHOOL COMMITTEE:

The committee on ungraded schools has attended to the duties assigned it at the last stated meeting of the board. In the performance of these duties, consultation has been held with the parents of the pupils attending the Upper Factory, the Tole-end, and the Littleworth schools.

In the Upper Factory and the Tole-end sections there is a prospect of some additional pupils for the next term. The Littleworth school has no promise of additional pupils. Most of the children attending there are over nine years of age and the parents of a majority of these pupils prefer that their children attend the graded schools.

Your committee makes the following recommendations:

tst. That a temporary teacher be placed in charge of the Upper Factory school, subject to removal whenever the School Committee deem it expedient.

2nd. That the committee on the ungraded schools be authorized to contract for the conveyance of the Littleworth scholars to the graded schools.

3rd. That no teacher be elected for the Littleworth school.

H. E. PERRY,

A. M, Foss,

D. T. P. CHAMBERLIN,

G. J. Foster,

Committee on Ungraded Schools.

The report was accepted and the recommendations adopted.

In the line pointed out by these recommendations, the Littleworth school was discontinued and Mr. A. K. Wormwell was employed to convey the children of the Littleworth section to the Belknap and Varney schools at a compensation of \$325 per year. Mr. Wormwell has performed his contract during the Fall term satisfactorily and I have reason to believe that the arrangement meets with such favor among the parents as to fully justify the action of the committee.

Action on the third resolution of June 11 was refused by the city councils.

Early in the Spring the citizens of the Long Hill region petitioned the Committee for the opening of a school in the school house of the former Long Hill district. Investigation showed that two families would thus be accommodated. The committee offered the children of these families transportation to the Upper Factory school and Mr. James M. Hayes was employed to furnish it. As the parents interested declined to avail themselves of the conveyance, it was discontinued. At the present time there are three children of one family only in this section who are not satisfactorily furnished with school privileges.

It is undeniably true that children can be better taught in schools of medium size than in the extremely small ones. It is poor economy, both educationally and financially, to conduct a school of four or five pupils when another school exists within two miles to which the children can be conveyed. The only exception to be admitted in applying this principle, should be caused by the inconvenience of sending very young children of different families away for the day, when there are no older members of their respective families to care for them during the noon intermission.

The sub-committee shows in its report of June 11 that the Tole-end and Upper Factory schools could be merged into other schools to the great advantage of the pupils. The same rule might advantageously be applied to the Garrison Hill school by arranging for the conveyance of the pupils by the electric cars.

The law requires that children of all parts of the district shall be furnished with "equal school privileges as far as practicable." It is manifestly impossible that all should live at equal distances from a school house, and that the framers and enacters of the law did not expect this is shown by its provision that the school board may expend twenty-five per cent. of the school appropriation for transportation of pupils.

It is earnestly to be hoped that in the near future the parents of the children attending the smallest of the rural schools will see the superior advantages to be gained by those children in the graded schools, and will knock for admittance thereto. There are pupils in the graded schools at the present time from the several rural sections of the city as follows:

Blackwater	. I
Long Hill	. I
Upper Factory	. 3
Garrison Hill	. 10
Tole-end	. 2
Littleworth	· I 2
Knox Marsh	
Back River	. 14
Upper Neck	. 9
Lower Neck	. 3

Many of the Massachusetts towns containing a scattered rural population have adopted the plan of conveying the pupils to the graded schools of the center at the public expense to the entire satisfaction of the people interested. Concord, Lexington, Bedford, Billerica, Cohasset, and Dracut are among the towns that may be mentioned as thus having centralized their schools. Testimony from these towns is nearly unanimous that the schools have been improved and the children benefitted.

In the attempt to do all possible for the ungraded schools, the special teachers of music and drawing have been required to visit the Garrison Hill school once a week. The electric cars make it possible for them to do this. Both teachers speak very encouragingly of the results of their work there. It is unfortunate that the other schools are so located that they can not receive the benefit of this instruction.

GRAMMAR SCHOOLS.

Last June the principals of the grammar schools united in a request that the character of their closing exercises be changed. Their petition was granted and the following programme was carried out in exact accord with the suggestions of the teachers, by the united Sawyer and Belknap classes, on the afternoon of Friday, June 19.

Ι.	SINGING.		The Summer Wind, Boat Song, By the graduates.	J. W. Tufts. F. H. Pease.
Ι.	ADDRESS TO	THE	GRADUATES.	

Rev. A. E. Winship.

a. The Spinner, H. L. Clapp.
b. The Fair World, J. Eichberg.

By the graduates.

4. PRESENTATION OF CERTIFICATES,

William H. Vickery,

Chairman of Committee on Grammar Schools.

5. SINGING. Never Hastening,

G. A. Veazie, Jr.

By the graduates.

GRADUATES OF THE BELKNAP SCHOOL.

Caroline Estes Cushing, Grace Mabel Clements, Alice Edna Kay, Lydia Abbie Laskey, Maud Estella Lancaster, Katherine Sabina Lyons, Mary McDonough, Margaret Emma Neal, Lydia May O'Neil, Ida May Pinkham, Annie May Plummer, Lulu Belle Plummer, Susie Abbott Poole, Amy Florence Sellea, Marguerite Easter Staples, Martha Ellen Vickery, Lucy Annie Walmsley,

Frank Edward Blackburn, George Arthur Browne, Arthur Gilman Burnham, Will Lawton Carleton, Irving Colbath, Alfred Caverly Durgin, Walter Andrew Foss, Elizabeth Victoria McManus, Ogilvie Andrew Meikle Heggie, Edw. Everett Mason Keniston, John Henry Lockwood, Norman Emery Seavey, Harry Gardner Towle, Lucius Everett Varney, Frank Forester Wentworth. George Edwin Westran, William Millen, Walter Joseph Ogden.

GRADUATES OF THE SAWYER SCHOOL.

Alice Brayton Coan, Grace May Conlen, Sabrina Frances Drew, Grace Evelyn Foss,

Ida Jane Gage, Nellie Ernestine Gilman, Lettie May Goodwin, Alice Ellen Kimball,

Kathrina Hill Legg,
Isabella Balcanquall Marshall,
Mary McGuire,
Bertha Wilhelmina Merrill,
Katherine Erskine Parcher,
Bertha May Perkins,
Mabel Louise Priestley,
Grace Maud Stevens,
Blanche Louise Stirling,
Mary Francenia Trefethen,
Martha Washington Vyth,
Lorenzo Emley Baer,

Laurel Augu
John Davis,
Willis Brodh
John Myron
Irving Broad
Frank Ashla
Joseph Keny
Wyllys Hillian
Mark Wentw
John Willian
Fred Tracy.

Laurel Augustus Beede,
John Davis,
Willis Brodhead Drew,
John Myron Haley,
Irving Broadly Haworth,
Frank Ashland Hersey,
Joseph Kenyon,
Wyllys Hilliard Redfield,
Mark Wentworth Thompson.
John William Tracy,
Fred Tracy.

Few people in the city question the wisdom of the change. I believe heartily in the practice of having some public exercises to mark the finishing of the course in the grammar as well as in the High school. The pupil is entitled to a certificate or diploma that the prescribed course of study has been completed. The day upon which this is presented is a milestone in his educational journey and should be appropriately celebrated. But the practice heretofore in vogue, of spending a large part of the closing term in preparation for a mere display has been dispensed with to the advantage of the pupils.

HIGH SCHOOL.

With one exception the corps of instructors in the High school is the same as at the close of last year; Miss Harriet P. Poore declined a re-election, and a departure was made in electing Mr. Calvin E. Woodside as sub-master.

The exhibition by the graduating class was holden in St. John's M. E. church on the evening of Thursday, June 25, when the following programme was presented:

Metto of Class: "Have Convictions and the Conrage of them."

PROGRAMME.

- 1. SONG OF WELCOME, Words by Jennie J. Duxbury. (Music by Mary F. Duxbury.
- 2. SALUTATORY,

Hittie F. Ham.

- 3. FIRST ESSAY, The Russian Nihilist. Flrocnce E. Hammond.
- 4. RECITATION, In Swanege Bay. Grace B. Hanson.

Aff. (Alice I. Folsom, Maybelle V. Hall. Neg. Alice J. Markey, Rosa D. Tibbetts. (George P. Norton.

6. MUSIC.

The Choral Army of Peace.

7. ESSAY,

ur Puritan Ancestors

Cera A. Libbey.

8. RECITATION,

Renvi.

Ruby D. George.

9. CLASS PAPER,

Olla Podrida.

F ditors: | Burton T. Scales, Grace B. Henderson, Ada B. Gage, Mary W. McManus.

10. RECITATION, The Freshman's Story.

[J. Feward Richardson.]

II. MUSIC,

Violet and Bee.

12. EXPERIMENTS IN ELECTRICITY,

Kate M. Redfield, John H. Foye, James Littlefield, Mary A. Keaveny, Mary E. Varney, Marcia M. Nason, Magnets.
Induced Currents.
The Dynamo.
The Motor.
The Electric Car.
Motor and Experiments.

13. VALEDICTORY,

Cora A. Libbey.

14. CLASS SONG.

Words by Mary W. McManus.

15. PRESENTATION OF DIPLOMAS.

Class Song.

Words by Mary W. McManus.

Music by Mary F. Duxbury.

Gently, Time, let fall thy curtain, O'er this scene that ends to-night; Lightly press thy seal upon it, 'Tis the fairest one of life.

As the murmuring brooklet, gliding
Through a flowered and sunny lea,
Finds its way o'er stones and pebbles,
Gains at last the distant sea:

Thus midst bright and flowery places
Sometimes shadowy, oftenest bright,
Did the pathway wend that now
Has launched us in the sea of life.

Schooldays ended! Long and misty Seems the way our feet must tread. Faith and Hope with us still keeping, Fears or foes we need not dread.

THE GRADUATING CLASS.

Maggie Lulu Edgerly,
Alice Irena Folsom,
John Harry Foye,
Ada Bennett Gage,
Ruby Diadama George,
Maybelle Varney Hall,
Hittie Florence Ham,
Florence Estelle Hammond,
Grace Belle Hanson,
Grace Bickford Henderson,
Mary Ann Keaveny,

Cora Augusta Libbey,
James Littlefield,
Alice Josephine Markey,
Mary Winifred McManus.
Marcia Maroy Nason,
George Peirce Norton,
Kate Marion Redfield,
John Edward Richardson:
Burton True Scales,
Rosa Dorcas Tibbetts.
Mary Ellen Varney.

The present first class having petitioned for change in the character of the graduating exercises and their petition having been granted, steps should be taken at an early date to make arrangements which may result in a satisfactory programme.

A movement was made in the summer looking to the addition of Drawing to the course of study of the High school. This matter was referred to the Committee on Drawing for consideration. No action has ever been taken by the Board. A High school without a course in Drawing is not in touch with the education of the day. It is an addition greatly to be desired. But there are some practical difficulties in the way of its introduction. To be properly taught, there should be a room devoted to this branch, where all work should be done and all materials be kept. To find such a place in our present building is of course impossible.

A discussion of spelling in the High school, by the Board, elicited the following report from the sub-committee on this school:

*TO THE SCHOOL COMMITTEE:

The committee on the High school respectfully reports

The matter of introducing spelling into the High school as a distinct subject for special exercises recently referred to us, has received careful consideration.

We believe that spelling should receive special attention throughout the entire course of study in our public schools, in the High school no less than in the other grades. We suppose that the entire Board would agree upon this point, the method alone affording matter for difference of opinion.

Believing that this subject can be taught in connection with other lessons with less interference with other work and at the same time with better results and in a more practical manner, we recommend the passage of the following:

Resolved, That the teachers of the High school are hereby directed to make special efforts to improve the spelling of their pupils; and to this end, they will pay particular attention to all written work and require correct orthography as an essential part of such exercises; they will also endeavor to form habits of observation of words by oral exercises in spelling in connection with the various branches of study in the school, aiming at all times to have the pupils able to spell correctly their entire vocabulary.

Respectfully submitted,
T. P. Cressey,
Geo. S. Frost,
Chas. A. Fairbanks,
Wm. H. Vickery,

Committee on High School."

The report was accepted and the resolution adopted.

TYPEWRITER.

The use of the typewriter as a means of education is claiming the attention of educators.

At least one of the companies manufacturing this machine offers exceptionally good terms for the sale of instruments for school use. If satisfactory arrangements can be made for introducing a course of this kind into the High school, I believe that it would be highly beneficial not merely in the light of manual dexterity to be attained but as a means of general education.

TRAINING SCHOOL.

The training school has become a fixed fact. This school was established by vote of the Board Sept. 3, 1890:

"Resolved, That a training school should be established in the Varney school building.

That at such a time as the School Committee deem it advisable, a principal shall be elected to take charge of such school, who shall work under the direction of the Superintendent of Schools. The principal shall have charge of all the classes in the building, assisted by such pupil teachers as shall be admitted in accordance with the requirements enumerated. She shall have an oversight of all the work done by said pupil teachers and shall instruct them in the principles and methods of teaching.

That no pupil shall be admitted who is not a graduate of the Dover High school or some other school of equal grade, and has passed a satisfactory examination before the committee on qualification of teachers. No more than eight shall be members of the class at any one time. The course shall extend over one year.

That no compensation shall be given for the first term; the pay for the rest of the year shall be fifty cents per day.

Should any member of the class show such a lack of teaching or disciplinary power as would, in the judgment of the principal or superintendent, disqualify her to become a successful teacher, it shall be their duty to inform her of their opinion, and request her withdrawal.

The principal shall be paid such salary as the Committee may fix. A completion of the course shall entitle anyone who shall be subsequently elected a teacher in this city to receive the second year's salary from the time of election."

(Adopted Sept. 3, 1890.)

The Superintendent of Schools was authorized to put this plan into operation as soon as practicable. Accordingly the pupil teachers were sent to Miss Dudley at the Varney school.

Starting with one room, the school now occupies the three lowest classes of tha Varney school.

In April, 1891, the Board unanimously elected Miss Dudley as principal of the training school and fixed the salary at \$450. Permit me to repeat in this connection my words of last year as they fully express my ideas upon the possibilities of this school:

"This school has great possibilities for benefit or injury to the schools of the city. If its establishment is permitted to intensify the idea, already too prevalent, that the teachers of Dover must be of Dover birth; if young ladies are permitted to take the course of training without regard to special aptitude for teaching, and to finish it with the idea that the city owes them positions, a training school will prove a positive injury. It must not be considered that any young lady does a favor to the city or places the city under any obligation to her when she takes this course. The obligation is entirely on the other side; the city gives her an opportunity to get some experience under proper guidance and, in all respects,

renders more than an equivalent for the benefit received from her. Having given this equivalent, the city owes her nothing and the graduate from the training school should stand solely on her merits in competing for a position."

At this time there are eight young ladies under training in the school. Their opportunities for practice and observation should ultimately be extended to include the four rooms in the building. In case this should be done, I recommend that the maximum limit of pupil teachers be raised to ten or twelve instead of eight as under your rules. In my judgment a mistake was made in fixing the course at one year; the original recommendation was for a course of one and onehalf years. As most of the trainers enter in September, the longer course would ensure teachers of some experience during the fall term. This change should be made in the interests of the children of the school, to place them on equal footing with pupils of other schools of the city. Any deterioration has thus far been prevented by the indefatigable labors of the principal, but it is unreasonable to expect anything miraculous from her.

It was feared by some that the establishment of the Training school would entail a great expense; permit me to call your attention to its cost for the last four months:—

Principal's salary 4 months, at \$45	\$180 00
Pupil Teachers	65 25
	\$245 25
Other primary schools, three rooms, 4 mos. at	
\$39.60	\$475 20

Of course this expense is smaller than it is likely to be again for the same length of time, but it is not probable that

it would ever exceed the cost of those schools in which a regular teacher is employed in each room.

TEACHERS.

During the year 1891, changes have occurred in the corps of teachers as follows:

In the High school, Calvin E. Woodside was elected submaster in place of Harriet P. Poore, 1st assistant, who declined a re-election; Lizzie F. Drew declined a re-election, - position not filled, the room having been added to the Training school; Lillian B. Hill's resignation was accepted in November and Grace Emerson was transerred from the Lower Neck school to the vacancy thus caused in the Sherman grammar school; Eleanor M. Thompson of the Welch school declined a re-election, and Idella R. Berry was transferred from the Garrison Hill to the Welch; the Littleworth school having been discontinued, Vienna L. Hill was transferred to the Upper Factory school where Bessie O. Ham failed of a re-election: Edith A. Gowen was transferred from Blackwater to Garrison Hill, and Carrie E. Varney from Lower Neck to Blackwater; the vacancy at the Lower Neck was filled by the election of Grace Emerson; upon Miss Emerson's transfer to the Sherman school, Angie G. Osborne from the Training school was chosen to fill the vacancy.

The number of teachers now in the employ of the city is

5
11
15
7
I
I

SCHOOL-HOUSES.

The school-houses now occupied for school purposes number 16.

The High-school building, originally constructed for the joint occupancy of the High and Grammar schools of a district of the city, adapted to its present use by the simple expedient of moving partitions, is inconvenient and inadequate to its present use. A new building suitable for the size of the school, arranged for a modern curriculum, and for the demands of the public, is a pressing need.

The Sawyer school-house destroyed by fire in March 1890 and rebuilt during that year, was occupied by the school in January 1891, but has not yet been accepted by the city by reason of failure of the heating apparatus to perform all that was expected of it under the contract.

The Sherman building of four rooms has two rooms occupied, one by a 4th class primary and one by a 2nd class grammar; this building is one of the oldest in the city, and though its interior is kept in good repair and though the rooms are pleasant and well furnished, it is held in such prejudice by our citizens that its occupancy causes more trouble and friction than it is worth. I earnestly recommend that you take the matter under consideration to see if it would not be better to dispose of this house and provide other quarters for the classes now located in it. In connection with this building the Pine Hill house should be considered: this house was abandoned twenty years ago as unsuitable for school purposes; the verdict then rendered seems to me to have been a just one; the inconvenience of joint occupancy of a room for school and for ward purposes, the absence of ventilation, the lack of water, the construction of the building without a cellar, the arrangement of the out-buildings, all argue that the example of the Committee in abandoning this building, was a good one to follow.

The City Councils' joint standing committee on school-houses has made good progress during the year in putting the school property in good condition. Among the most extensive and important changes and alterations may be mentioned:

At the Sherman, the two occupied rooms have been painted, tinted and whitened; one room furnished with new sittings; in the other the double desks have been replaced by single ones saved from the Sawyer fire.

At the Lower Neck, new furniture has taken the place of the old, the blackboards have been re-made, the walls tinted, the ceiling whitened, and direct communication has been established with the wood-room in the cellar. When this house was erected the building committee refused to put in a flight of cellar stairs though the contractor offered to build them without additional expense; through all these years since its construction, pupils have been obliged to carry all the fuel around the building up a steep, bleak hill side, without the slightest necessity or reason for such extra labor and exposure; this change has given room for a much needed book-closet and a ward-robe.

At the Varney school, extensive repairs have been made; water closets in the basement have superseded the outbuildings so long an eye-sore and disgrace; enlarged dressIngrooms, new and enlarged blackboards, additional light in the basement, a cemented floor for the basement, new plastering and repainting, have made the interior of this building attractive and convenient; the one thing lacking is an effective system of changing the air of the school-rooms.

I take pleasure in acknowledging the many courtesies received from the Joint Standing Committee, Messrs. Neal,

Caverly, and Frost, during the two years they have had charge of the school property.

MARKING.

In my annual report for 1890, I called attention to the unnecessary and unfruitful labor required of the teachers by the method of marking recitations then in vogue. That plan was narrowing to the teacher, producing machine methods of hearing recitations rather than teaching. A sub-committee was appointed to consider the subject, and the following report was presented at the stated meeting of the Board in April:

To the School Committee:

The special committee to whom was referred that part of the Superintendent's annual report relating to the subject of marking in the High and Grammar schools, are of the opinion that the present system is defective, inasmuch as it burdens the teachers to a certain extent with unnecessary and unprofitable labor, taking a portion of their time which might be employed more advantageously; breaking in more or less upon class exercises: and detracting from the force and efficiency of their work; having also a tendency to lead teachers into such methods of conducting recitations as can be most readily marked, rather than along such lines as will be most profitable to the pupils.

Furthermore, the present system of marking pupils has a tendency to stimulate to an unhealthy degree a class of pupils who least need stimulation, and create among such pupils an undesirable rivalry; whereas, such pupils as most need encouragement are either not affected by it at all, or only to be disheartened by their own inability to obtain a high mark.

We believe that our schools should be adapted more to the

abilities of the ordinary than of the brilliant scholar, inasmuch as the former class far outnumbers the latter, and also stands more in need of the training which our public schools confer, to enable them to make life a success; we therefore recommend that such a system of marking be adopted as will, while doing justice to all, most encourage the average pupil. In order to avoid the mistakes of the present system of marking, we beg leave to submit the following rules and recommend their adoption:

First—The several teachers in the High and Grammar schools shall, at the end of each week, record the standing of the pupils under their charge, as regards recitations and deportment, and in such record shall make use of the terms satisfactory, passable and unsatisfactory.

Second—Only those pupils whose work would not entitle them to the usual promotions shall be classed as unsatisfactory, and in all such cases a report of the pupil's standing shall be sent each week to the parent or guardian, stating the fact that such work will not entitle the pupil to promotion; and a report of the standing of all pupils shall be sent as above at the middle and close of each term.

Third—The said teacher shall conduct frequent written reviews in the various branches of study, keeping a record of the work of the several pupils in such reviews, in the manner previously indicated.

Fourth—At the close of each school year, and at such other times as the Superintendent may require it, the teachers shall furnish him a list of the scholars in their respective classes with their standing; their weekly records with the records of the reviews shall be their guide in making up such a list.

Fifth—The Superintendent shall conduct such examinations as he may consider necessary to his proper understanding of the work of the teachers and proficiency of the pupils.

Sixth—All promotions shall be made by the Superintendent from the lists furnished him by the several teachers, and the teachers record of the standing of the pupils with the results of his own personal examinations, shall be his guide in such promotions.

Seventh—In case any scholar fails of the usual promotion, the parent or guardian shall be notified of the fact; and also that a certain specified time, previous to the commencement of the next term, the pupils may have the benefit of a special examination.

Eighth—If in the graduating exercises, any parts are assigned as of special merit, the pupils shall be selected for such parts by a plurality vote of the teachers and the members of the class, from a list of candidates selected by the teachers, of such pupils as they deem worthy of such honors, and such list shall contain at least twice as many names as there are parts to be assigned.

Ninth—At no time shall the teacher in any way inform any of the scholars of their relative standing; nor shall they make known the list of candidates for honors till they are to be voted upon.

Tenth—All rules of the School Committee now in force inconsistent with the above are hereby repealed.

Your committee has received information from sixteen New England cities relating to their manner of making promotions. Of the sixteen, eight do not practice daily marking; four mark daily recitations in the High school only: the remaining four mark in High and Grammar schools.

We believe that the changes recommended are in accord with the best educational sentiment of the country.

[Signed,]

H. E. PERRY,

D. T. P. CHAMBERLIN,

W. H. VICKERY,

Committee.

The rules thus recommended were adopted by the Board and they now govern the teachers of the High and Grammar schools. While I do not feel entirely satisfied with the working of these rules, I believe that they were in the right direction and that, with better acquaintance with them on the part of the teachers, the wisdom of their adoption will be manifest. It is not to be expected that teachers who have been confined to ruts by your rules on the plan of marking, should at once shake off the enforced habits of years. And those people who criticize the new as less satisfactory than the old method, will probably admit that they knew but little of the details of the old.

Marking or estimating whether done at one time or another is and must be simply the expression of a teacher's judgment; no amount of legislation, no code of rules, will give a teacher, any more than a physician or a lawyer, good judgment or power of discrimination. It is my belief that our teachers do possess this same good judgment, and that examination of their classes by a competent critic would demonstrate that they use it.

MUSIC AND DRAWING.

The singing in our schools is under the direction of Miss Mary F. Duxbury who has had charge of this branch since its introduction in 1876. Miss Duxbury visits the High, Grammar and Primary schools and the Garrison Hill school

once a week; the children also have practice in singing every day under their regular teachers.

Miss Helen L. Tew, the teacher of Drawing, was released at her own request during the first week of the Fall term, having been chosen as director of Drawing in the public schools of Lincoln, Neb., at a liberal salary. Miss Tew was enthusiastic and successful in her work.

Miss Tew took samples of the work of our schools to the manual training exhibition in Boston last April: this exhibition was very creditable to us when compared with those from other towns and cities of our rank in size.

Miss Tirzah M. Guy was chosen as successor to Miss Tew: she began her work in October; her experience and training have been such as to ensure her success.

The work of the Drawing teacher is distributed in a manner similar to that of the Music teacher. Their special schedules will be found in appendix A.

PHYSICAL TRAINING.

Though some form of physical exercise is required daily in all of our schools, no *system* is required by the Committee, each teacher being allowed to select such exercises as please her. The teachers were *authorized* last year by your vote to use the Swedish System of gymnastics; it seems to me that one step more should be taken and this system be *required* in all our schools even if it be necessary to employ a teacher for one term to instruct our teachers. Many of them are doing systematic work with these exercises now with good results.

SCHOOL ATTENDANCE.

The appointment of a truant officer remains as the thing greatly to be desired. Such an officer is needed more for the protection of the community against the increase of ignorance and illiteracy than for attention to children properly called *truants*. The latter class are fairly well cared for under the present arrangements; but the proper enforcement of the employment laws and the laws relating to compulsory attendance as relating to such children as are not enrolled upon the registers of the public schools, would take a large part of the time of one officer.

The enrollment of children between the ages of five and fifteen years required by the city ordinance, was made by the Board of Assessors and committed to my charge early in the season. This enrollment might be of value to a truant officer, but is of no use to me under the present circumstances.

I repeat my remarks of last year on this subject:

"Children under the minimum legal age are without doubt working in the mills of this city daily; without doubt, childred are employed who have never attended school a day in the United States, and who cannot read in the Second or Third Reader, as required, nor in any other Reader. This condition is likely to continue until a truant officer is elected, with an undivided responsibility to the School Committee. The annual election of a truant officer compelled by the nature of the case to delegate his authority to other officers who sympathize neither with the spirit or the letter of the law, seems to me farcical. By the law of 1881, the entire responsibility of electing truant officers and fixing their salaries is committed to School Committees."

There are at present nine (9) children under sixteen years of age *legally* employed in all the manufacturing establishments of the City of Dover.

CITY BUILDING.

The rooms allotted to the school department were occu-

pied by your Superintendent Nov. 25; the first meeting of the Committee was held in the new apartments Dec. 10.

The rooms are well furnished and admirably suited to their purpose.

CONCLUSION.

Additional tabular and statistical information will be found in the appendices.

Respectfully submitted,

Channing Folsom,

Superintendent of Schools.



APPENDIX A.

PROGRAMME FOR SPECIAL TEACHERS.

MUSIC-MARY F. DUXBURY.

Monday—High, 8.35 to 9.5 A. M.; Pine Hill, 10.15 to 10.45 A. M.; Welch, 11 to 11.20 A. M.; Sawyer Primary, 1.45 to 3.40 P. M.

Tuesday—Belknap, 8.30 to 11.30 A. M.; Hale, 1.45 to 3.40 P. M.

Wednesday—Sawyer Grammar, 8.30 to 11.30 A. M.: Sherman, 1.45 to 2.35 P. M.

Thursday—Peirce, 8.30 to 10.40 A. M.; Garrison Hill, 11.15 to 11.45 A. M.; Varney, 1.45 to 3.45 P. M.

DRAWING-TIRZAH M. GUY.

Monday—Garrison Hill, 8.50 to 9.20 A. M.: Sherman, 9.30 to 11.30 A. M.; Hale, 1.45 to 2.45 P. M.

Tuesday—Sawyer Grammar, 8.45 to 11.30 A. M.; Sawyer Primary, 1.45 to 3.45 P. M.

Wednesday—Belknap, 8.45 to 11.30 A. M.; Varney, 1.45 to 3.45 P. M.

Thursday—Peirce, 8.45 to 11.30 A. M.; Pine Hill. 1.45 to 2.15 P. M.; Welch, 2.30 to 3 P. M.



APPENDIX B.

"NO SCHOOL" SIGNAL.

'The electric alarm struck at 7.45 o'clock, A. M., or 1.5 P. M.

22-22-22.

'No school" signal given during the year 1891:

January 22—afternoon. February 3—afternoon. February 10—forenoon. February 27—forenoon. March 4—afternoon. March 4—afternoon. March 13—afternoon. October 20—afternoon.



APPENDIX C.

GUIDANCE OF JANITORS.

The following resolutions for the guidance of Janitors have been adopted by the Committee on Finance and Claims.

RESOLVED—That the janitors are expected to spend all the time during school hours in or about the several buildings under their charge.

RESOLVED ~- That, in making their circuit among their buildings they should have regular hours at each building, of which the teachers should be advised.

Pursuant to the above rules, the janitors have adopted the following schedule:

GEO. H. PATTERSON, SOUTH SIDE; RESIDENCE 42 ATKINSON STREET.

Belknap—9, 10, and 11 A. M., 2 and 3.30 P. M. Varney—10.15 A. M., and 3.15 P. M. Hale—8.30, 9.30, and 11.30 a. m., and 1.30 to 4 p. m. Pine Hill—1.45 P. M.

HORACE EMERSON, NORTH SIDE; RESIDENCE, 67 BROADWAY.

Peirce—9.15 and 11 A. M., 3.30 P. M. High—8 15 and 10.45 A. M., 12.45 P. M. Sawyer—8.45, 9.45 to 10.30 A. M. 2 to 3 P. M.



APPENDIX D.

ROLL OF HONOR.

List of the pupils of the public schools not absent or tardy during the school year ending June, 1891:

HIGH SCHOOL.

Cushman Abbott, Arthur C. Folsom, Harry P. Henderson, Harry Holland, Oscar J. Leavitt, James Ricker, Robert J. Sisk, Roy C. Smith, Charles Snow.

Elsie Bradford, Jennie P. Drew, Lulu M. Edgerly, Alice I. Folsom, Margaret B. Hamilton, Mary R. Hardy, Fannie P. Mathes, Caroline Nealley, Fannie Stirling, Mary Twombly, Annie Wentworth.

GRAMMAR SCHOOLS.

Sawyer—First class—Laurel A. Beede, Willis B. Drew, Grace M. Conlen. Second class—Warren C. Clough, Albert H. Mitchell, Maggie Conlen, Jennie Gray, Carlotta E. Stackpole. Third class—John B. Hull, Walter S. Snell, Annie B. Carroll, Maud E. Proctor, Susie J. Shaw, Blanche M. Snow. Fourth class—Matthew Gray, Arthur Hull, Otis P. Mudge, Ethel C. Lucas.

Belknap—First class—Walter A. Foss, Henry Lockwood, Elizabeth V. McManus, Marguerite E. Staples. Second class—George S. Demeritt, George F. Gray, Samuel E. Meserve, Edward Pinkham, George M. Stevens, Edith A. Demeritt, Ina F. Stevens. Third class—Harry A. Brown, Roy S. Prime

George H. Winslow, Sarah T. Brownell, Georgia E. Foss, Ruth E. Gray, Nellie Kirkman, Helena J. McClintock, Mary E. Taylor. Fourth class—Fred E. Leavitt, Bernice E. Prime, Hannah W. Staples.

Sherman—Second class—Clarence Whitehouse, Lulu Mc-Ewan.

Peirce—Third and Fourth classes—Ralph W. Ramsdell, George A. Smart.

Varney—Third and Fourth classes—Frank Hill, George Tuttle, Susie Edgerly, Margaret Sloan.

PRIMARY SCHOOLS.

Sawyer—First class—Fred Marsh, Susie Sterling. Second class—Martha Nutter, Susie Nutter, Ina Smith. Third class—Walter Carroll. Fourth class—Ethel Twombly.

Peirce—First class—Edward Sidebotham, Myra Spencer. Third class—Alric W. Ramsey, Millie E. Burley, Rose C. Iovine.

Sherman—Fourth class—Edith Sawyer.

Varney—Third class—Roger Edgerly.

Hale—First class—John Owen Reynolds. Third class—Ernest B. Brown. Fourth class—Lillian Westran.

Pine Hill-First and Second classes-George Grindy.

UNGRADED SCHOOLS.

Upper Factory—Alice G. Baker, Garfield Hussey. Blackwater—Hattie A. Clay. Lower Neck – Albert Gage.

APPENDIX E.

COURSE OF STUDY IN LANGUAGE.

PRIMARY SCHOOLS.

First Year.

Fourth Class.—*Word study* from Chart. Blackboard and Primer, adopting principally the "word method." Slate and paper writing—copying words, or very short sentences from blackboard or writing them from dictation. Spelling, mostly oral, or words used in the reading lesson or words used in oral instruction. Conversations upon familiar subjects, illustrated by the teacher, if possible, upon the blackboard. The script form to be used in reading as much as the common printed, as a help in learning to write.

Second Year.

Third Class.—Reading from second grade readers; and spelling from spellers and reading lessons, equally divided between oral and written, and aiming to increase as fast as practicable, the pupil's vocabulary. Dictation exercises, containing use of very common abbreviations, as Mr., Mrs., A. M., and P. M., and writing very short familiar sentences, using both paper and slate. Spelling orally, as an occasional supplementary exercise, the names of the days of the week, the months, towns, and articles in the school room. Commence simple enunciation exercises.

Third Year.

Second Class-Reading from second and third grade read-

ers with supplementary reading. Spelling same as second year, but properly advanced. Enunciation exercises continued and advanced. Dictation exercises to teach use of capital letters, quotation marks, contractions, and abbreviations. Conversations upon familiar subjects, and memorizing of short moral sentences, and exercises to teach date, address, signature, superscription, etc., in letter-writing.

Fourth Year.

First Class.—Reading in third reader, with supplementary reading. Spelling from speller, oral or written, daily, and difficult or uncommon words in other studies. Drill in elementary sounds of letters. Dictation exercises to teach use of capitals, possessives, plurals, etc., and short simple descriptions of familiar objects, or abstracts of short stories. Memorizing short choice sentences, or moral proverbs.

GRAMMAR SCHOOLS.

Fifth Year.

Fourth Class.—Reading and spelling same as fourth year, but suitably advanced. English grammar in simplest form orally, as division of words into parts of speech. Analysis of simple sentences. Drill in vocal exercises, or enunciation. Dictation exercises to teach forms of letter writing, business letters, bills, notes, receipts, etc. Memorizing of choice extracts or moral proverbs.

Sixth Year.

Third Class.—Reading and spelling same as fifth year, but correspondingly advanced—oral spelling to include lists of words from geography, history, arithmetic, etc. Grammar, orally, to include parts of speech, and analyses of simple and compound sentences. Dictation exercises to teach formation

of sentences, and especially punctuation. Memorizing of short poetical exercises and recitations of them by school in concert. Vocal drill.

Seventh Year.

Second Class.—Reading and spelling continued, but advanced. Spelling to be occasionally of list of such words as are of difficult formation and frequently misspelt. English grammar reviewed and advanced, orally. Dictation exercises to teach grammatical writing, or to correct common grammatical errors, and exercises of the sixth year continued. Analysis of simple, complex, and compound sentences continued. Vocal drill.

Eighth Year.

First Class.—Reading from advanced readers, and spelling from advanced spellers, and from lists of uncommon or odd words made by teacher, with definitions by scholar. English grammar reviewed and advanced. Syntactical parsing, analysis of sentences. Dictation exercises or compositions to teach, in all respects, correct writing, exercises in articulation, etc.

Swinton's Language Lessons to be taken as a text-book in the third class. Declamations or recitations from every pupil at least three times a term throughout the grammar schools.

HIGH SCHOOL.

First Year.

First Term.—English grammar, with text-books, to include parsing and analysis, four recitations a week. Reading from advanced reader, and spelling from advanced speller, one recitation a week.

Second term.—English grammar, with text books, continued, with written exercises to teach punctuation, use of capi-

tals, possessives, plurals and plural forms, four recitations a week. Reading from advanced reader and written spelling, once a week.

Third term.—English grammar, with parsing from difficult authors, and with written exercises to teach forms of letters, business communications, bills and receipts, four recitations a week. Reading from works like Scott's "Lady of the Lake" or "Marmion," with written spelling, once a week.

Second Year.

First Term.—Dictation exercises to familiarize class with common forms of language and rapid writing, and paraphrases, oral and written, of choice passages of poetry into prose, four recitations a week. Reading and spelling from poetical works as Scott's, Wordsworth's, Longfellow's, etc., once a week.

Second Term.—Rhetoric, following text-book closely, two recitations a week. Dictation exercises, same as first term, but more advanced, two recitations a week. Reading and spelling, same as first term; once a week.

Third Term.—Rhetoric continued, with reference to figurative language, style, etc., requiring pupils to make selections from standard authors, and write abstracts of same for the class, four recitations a week. Reading from English history of the age of Elizabeth and immediately following, once a week.

Third Year.

First Term.—History of the English language, embracing the Anglo-Saxon, Danish, Norman, and early English periods, say to the age of Wickliffe, 1380, three recitations a week. Composition, in simplest form, one recitation a week. Reading from English history, say from James 1 to Revolution of 1688, one recitation a week.

Second Term.—History of English language from A. D. 1380 to close of Elizabeth's reign, 1603, three recitations a week. Composition on familiar subjects, one recitation a week. Reading from English history from 1688 to close of 18th century, one recitation a week.

Third Term.—History of English language from 1603 to present time, three recitations a week. Compositions, or translations of poetry into prose, to be considered rhetorically as well as grammatically. Dictation exercises, such as writing short sentences or paragraphs from memory once a week. Reading from English authors, prose or poetic, of present time, once a week.

Fourth Year.

First Term.—Study of early English authors, with reference to thought, style, rhetoric, etc., three recitations a week. Dictation exercises, writing short sentences, as dictated, of five or eight minutes time, designed to teach rapid, but correct, writing and spelling, once a week. Reading from American prose authors, once a week.

Second Term.—Study of late English authors, including Shakespeare's age and plays, three recitations a week. Dictation exercises continued, one recitation a week. Reading from American poetic authors, one recitation a week.

Third Term.—English grammar and analysis reviewed, twice a week. Composition, in common epistolary and business forms, twice a week. Reading from dramatic authors, as selected by the teacher, once a week.

Declamations, recitations, or rhetorical exercises throughout the High school course.



APPENDIX F

DOVER HIGH SCHOOL—COURSE OF STUDY ADOPTED SEPTEMBER, 1890.

CLASSICAL COURSE.

First Year.

Latin, second and third terms: - Latin Grammar and Reader.

Translate English into Latin, orally and in writing. Special attention to etymology and syntax.

Mathematics:—Algebra, throughout the year.

English:—Grammar, first term.

Physiology, first term.

History of Greece, first term.

History of Rome, second term.

Second Year.

Latin, throughout the year:—Grammar continued.

Cæsar's Gallic war, books 1-4.

Reading at sight, of easy passages. English into Latin, orally and in writing.

Special attention to grammar work.

Greek, throughout the year: -Grammar and Reader.

Translate English into Greek, orally and in writing.

Special attention to etymology and syntax.

French, last half of year :- Keetels' Grammar.

Sauveur's Causeries avec mes Eleves.

Six of La Fontaine's Fables.

Roulier's Prose Composition.

Mathematics:—Algebra, four weeks.

Geometry, thirty-four weeks.

English: - Composition and Rhetoric, first half of the year-

Third Year.

Latin, throughout the year:—Latin Prose Composition. Æneid, books 1-4.

Two orations against Catiline.

Grammar—Prosody.

Reading at sight.

Greek, throughout the year:—Xenophon's Anabasis, 1-4. Reading at sight.

Greek Prose Composition.

Attend specially to forms and constructions.

French, throughout the year: - Keetels' Grammar.

Hennequin's Idiomatic French.

Zevort's History of France.

Mathematics:—Arithmetic.

English:-Literature and History.

Fourth Year.

Latin, throughout the year:—Cicero, five orations.

Virgil, books 5 & 6 of the Æneid: The Georgics, or the Bucolics and books 1 & 2 of the Georgics.

Review Æneid.

Reading at sight, Latin Prose Composition completed.

Grammar reviewed.

Greek, throughout the year:—Homer's Iliad, books 1–3.

Greek composition completed.

Grammar thoroughly reveiwed.

French, throughout the year: -Sauveur's Grammar.

Two Classic plays, Moliere's or Racine's.

Two modern plays, A. Daudet's Contes Choisis.

Special attention to formation and use of French verbs, composition and conversation.

Mathematics: - Review.

English:—Literature and History.

ENGLISH COURSE.

First Year.

Sicence:—Physiology, 1st term.

Physics, 2d and 3d terms.

Mathematics, Algebra throughout the year.

Book-keeping may be substituted for Algebra the last half of the spring term.

English:—First Term.—English grammar, with text books, to include parsing and analysis, four recitations a week. Reading from advanced reader, and spelling from advanced speller, one recitation a week.

Second Term.—English grammar, with text-books, continued, with written exercises to teach punctuation, use of capitals, possessives, plurals, and plural forms, four recitations a week. Reading from advanced reader and written spelling, once a week.

Third Term.—English grammar, with parsing from difficult authors, and with written exercises to teach forms of letters, business communications, bills and receipts, four recitations a week. Reading from American authors, once a week.

Second Year.

Science: -- Physics, eight weeks.

Chemistry, thirty weeks.

French, last half of year:—Keetels' Grammar, Sauveur's Causeries avec mes Eleves.

Six of La Fontaine's Fables.

Roulier's Prose Composition.

Mathematics:—Book-keeping or Algebra for four weeks: Geometry for the remainder of the year.

English, first half of year:—Dictation exercises to familiarize class with common forms of language and writing, paraphrases, oral and written, of choice passages of poetry into prose. Reading and spelling from poetical works, as Scott's, Wordsworth's, Longfellow's, etc.

Rhetoric, with reference to figurative language, style, etc., requiring pupils to read selections from standard authors, and write abstracts of same for the class.

Third Year.

French, throughout the year:—Keetels' Grammar. Hennequin's Idiomatic French.

Zevort's History of France.

Matnematics:—Arithmetic, first and second terms.

Science:-Botany, third term.

English, throughout the year: -Literature and History.

Fourth Year.

French, throughout the year;—Sauveur's Grammar.

Two classic plays, Moliere's or Racine's.

Two modern plays.

A. Daudet's Contes Choisis.

Special attention to formation and use of French verbs, composition and conversation.

Science: - Botany, four weeks.

Astronomy, sixteen weeks.

Physical Geography, eighteen weeks.

English, throughout the year:—Literature and History.

ENGLISH-CLASSICAL COURSE.

This course is like the classical, omitting Greek. The science of the English course is substituted for the Greek.

APPENDIX G.

ORGANIZATION OF SCHOOL COMMITTEE, 1892.

Chosen by the People.

Ward 1:	Term	Expires.
OSCAR F. KIMBALL,		-
Alonzo T. Pinkham,	"	1893
Ward 2:		
THOMAS B. GARLAND,	4.6	1894
DAVID T. P. CHAMBERLIN,	66	1893
Ward 3:		
WILLIAM H. VICKERY,	64	1894
CHARLES A. FAIRBANKS,	66	1893
Ward 4:		
THEODORE W. WOODMAN,	66	1894
Charles A. Tufts,	"	1893
Ward 5:		
Francis Reynolds,	46	1894
JOHN D. O'DOHERTY,	- 66	1893
Chosen by the City Councils.		
Ward I:—George J. Foster,	Janu	ary, 1893
Ward 2:—James H. Southwick,	66	. 1894
Ward 3:—George S. Frost,	66	1893
Ward 4:—Joseph P. Sheafe, Jr.,	66	1894
Ward r :- ALONZO M Foss	66	1802

Annual Meeting—The second Wednesday in January, at eleven o'clock A. M.

STATED MEETINGS—The second Thursday in each month, at half-past seven o'clock P. M.

ORGANIZATION FOR 1892.

Chairman,
CHARLES A. TUFTS,
Corner Summer and Locust Streets.

Secretary,
Charles A. Fairbanks,
360 Central Avenue.

SUB-COMMITTEES.

Qualifications of Teachers.

Tufts (ex-officio), Garland, Frost, Sheafe, Kimball, Chamberlin.

Finance and Claims.
Pinkham, Southwick, Foss, Foster, Woodman.

Health.

Chamberlin, O'Doherty, Fairbanks, Vickery, Foss.

Text-Books.

GARLAND, FOSS, SOUTHWICK, FAIRBANKS, TUFTS.

Music and Drawing.

O'Doherty, Pinkham, Frost, Sheafe, Fairbanks.

High School.

Tufts (ex-officio), Garland, Frost, Vickery, Sheafe, Fairbanks.

Grammar Schools.

FROST, CHAMBERLIN, FOSTER, KIMBALL, REYNOLDS.

Primary Schools.

VICKERY, SHEAFE, FOSTER, O'DOHERTY, PINKHAM.

Ungraded Schools.

SOUTHWICK, WOODMAN, REYNOLDS, VICKERY, PINKHAM.

Evening Schools.

WOODMAN, KIMBALL, REYNOLDS, GARLAND, O'DOHERTY.

APPENDIX H.

CALENDAR FOR THE SCHOOL YEAR 1891-'92.

FALL TERM. Fifteen weeks for all schools; begun September 8, 1891, closed December 18, 1891.

WINTER TERM. Twelve weeks for High and Grammar schools, eleven weeks for all others; begins January 4, 1892, closing March 25, 1892, for High and Grammar schools; March 18, 1892, for all others.

SUMMER TERM. Eleven weeks for High school, ten weeks for all others; begins April 11, 1892, closing June 24, and 17 respectively.

Winter vacation of two weeks, from December 18, 1891, to January 4, 1892.

Spring vacation of two weeks for High and Grammar schools, three weeks for all others.

High school	38	weeks.
Grammar schools	37	66
Primary schools	36	66
Ungraded schools	36	

APPENDIX I.

LIST OF TEACHERS IN THE EMPLOY OF THE CITY, JANUARY 1, 1891.

Name.	School.	Class.	Residence.
Channing Folsom, Frank W. Whitney, Harriet P. Poore, Ada M. Thompson, Anna S. Cummings, Mabel Cummings, Frank H. Pease, Sarah L. Hallam, Carrie S. Hanson, Helen M. Clark, Mary S. Piper, Ida B. Hanson. Mary E. Cartland, Alice H. Davis, Lizzie F. Drew, Ida M. Clement, Lillian B. Hill, Jennie F. Philhrick, Carrie E. Hammond, Carrie B. Drew, Hattie J. Bickford,	Supt. of Schools High "" Sawyer Grammar "" "" Belknap "" "" Varney Peirce Sherman Sawyer Primary "" "" "" "" "" "" "" "" ""	2 3 4 1 2 3 4 4 3 4 4 2 1 1 2	26 Hanson st. 94 Portland st. 53 Silver st. 26 Hanson st. 151 Central ave. 162 Central ave. 71 Portland st. 26 Mt. Vernon st. 107 Broadway 7 Snow's ave. 17 Rogers st. 31 First st.

Name.	School.	Class.	Residence.
Miriam Davis,	Peirce Primary	I 2	Sixth st.
Helen C. Varney,	66	3	Richmond st.
Ella G. Libby, Fannie E. Robinson,	Sherman "	3 4 4	4 Durell st. 60 St. Thomas st.
Aletta J. Foss,	Varney "	I 2	56 Atkinson st.
Alice M. Dudley,	66 66	3	260 Washington st.
Juliette Reynolds, Agnes B. Whitehead, Emeline B. Thomson, Nellie P. Wallingford,	66	4 1 2 3 4	58 Central ave. 33 Silver st.
Mabel Stevens,	Pine Hill "	1 2	32 Summer st.
Eleanor M.Thompson	Welch "	3	47 Court st.
Bessie O. Ham, Idella R. Berry, Edith A. Gowen, Julia A. Grant, Vienna L. Hill, Emma S. Nealley, Mary E. Pinkham, Carrie E. Varney, Helen L. Tew, Mary F. Duxbury, Horace Emerson, George H. Patterson,	Upper Factory Garrison Hill, Blackwater, Tole-end, Littleworth, Back River, Upper Neck, Lower Neck, Drawing, Music, Janitor, North Janitor, South		28 Rogers st. 59 Sixth st. 220 Washington st. 66 Portland st. 21 East Brick st. 95 Silver st. 241 Washington st. Blackwater 47 Court st. 5 Union st. 67 Broadway 42 Atkinson st.

APPENDIX J.

LIST OF TEACHERS IN THE EMPLOY OF THE CITY, JANUARY 1, 1892.

Name.	Schoo	ol.	Class.	Salaries.
Frank W. Whitney,	High,	1		\$1,800.00
Calvin E. Woodside,				800.00
Ada M. Thompson, Anna S. Cummings,	66			700.00 700.00
Mabel Cummings,	66			600.00
Frank H. Pease,	Sawyer Gra	ammar	I	1,000.00
Sarah L. Hallam,	"	"	2	444.00
Carrie S. Hanson,	66	66	3	444.00
Helen M. Clark,	66	66	4	444.00
Mary S. Piper,	Belknap	66	ī	700.00
Ida B. Hanson,	64	6.	2	444.00
Mary E. Cartland,	"	66	3	444.00
Alice H. Davis,	66	66	4	444.00
Ida M. Clement,	Peirce	"	3 4	444.00
Grace Emerson,	Sherman	44	2	348.00
Mabel Stevens,	Pine Hill	"	3 4	396.00
Jennie F. Philbrick,	Sawyer Pr	imary 📒	I	396.00
Carrie E. Hammond,		66	2	396.00
Carrie B. Drew,	6.6	66	3	396.00
Hattie J. Bickford,	66	66	4	396.00

Name.	School.	Class.	Salaries.
Miriam Davis,	Peirce Primary	I 2	396.00
Helen C. Varney,		2	396.00
Ella G. Libby, Fannie E. Robinson, Aletta J. Foss,	" " Sherman " Varney "	3 4 4 1	396.00 396.00 396.00
Alice M. Dudley,		2, 3, 4	450.00
Juliette Reynolds, Agnes B. Whitehead, Emeline B. Thomson, Nellie P. Wallingford,	Hale " " " " "	1 2 3 4	396.00 396.00 396.00 396.00
Idella R. Berry,	Welch, "	3	396.00
Vienna L. Hill, Edith A. Gowen, Carrie E. Varney, Julia A. Grant, Emma S. Nealley, Mary E. Pinkham, Angie G. Osborne, Mary F. Duxbury, Tirzah M. Guy, Horace Emerson, George H. Patterson, Channing Folsom,	Upper Factory, Garrison Hill, Blackwater, Tole-end, Back River, Upper Neck, Lower Neck, Musie, Drawing, Janitor, North Janitor, South Supt. of Schools	4	276.00 396.00 396.00 276.00 348.00 396.00 276.00 418.00 400.00 600.00

Pupil-Teachers in Training School.

Hittie F. Ham, Marcia M. Nason, Alice I. Folsom, Kate M. Redfield, Cora A. Libbey, Mary W. McManus, Grace B. Henderson.

APPENDIX K.

SALARIES.

GRADED SALARIES.

First year	\$252 00
Second year	276 00
	•
Third year	312 00
Fourth year	348 00
Fifth year	396 00
Sixth year	444 00
Principal of Sawyer School	\$1,000 00
Principal of Belknap School	700 00
HIGH SCHOOL.	
Principal	\$1,800 00
Sub-master	800 00
Two assistants	700 00
	,
One assistant	600 00

ANNUAL REPORT

OF

THE MUSIC TEACHER.

TO THE SCHOOL COMMITTEE OF THE CITY OF DOVER:

Gentlemen:—The following report of the Teacher of Music is respectfully submitted:

The work in the Primary schools is now so well graded that the corresponding classes have kept very nearly together in chart and blackboard work. A great deal more individual work has been done this term than ever before with most satisfactory results both in quality of tone and ability to read at sight.

The change from Primary to Grammar school work is very great yet the Fourth classes have studied all the exercises and songs in one part in the key of C in the Second Reader, great care being given to the difficulties in time.

The Third classes have studied two-part exercises and songs in the keys of C and F, and the formation of the scales. In this two-part singing the boys have done finely.

The Second classes have worked in three-part exercises and songs, the boys whose voices are best adapted, singing the third or lowest part, the remaining boys and the girls singing the first and second parts.

The first classes have learned to read in the bass clef and continued three-part singing. These classes are favored with good voices, some among both girls and boys are well developed and full; but there are several that will soon be useless for two or three years.

The High school has given more satisfaction during the weekly lessons than for the past three years. The voices that have been changing are getting under control and gaining in strength.

Respectfully,

MARY F. DUXBURY.

Dec. 29, 1891.

AUDITORS' REPORT.

Dover, N. H., Jan. 2, 1892.

We, the undersigned, have examined the books and papers and accounts of Isaac F. Abbott, Treasurer of the School Committee, and find them properly kept, correctly cast and vouched for, and that the sum of seven hundred and two dollars and five cents remains in the hands of the Treasurer, which we find to be a deposit in the Dover National Bank.

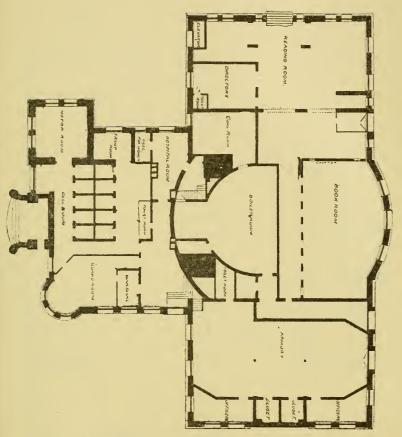
We have also examined the receipted bills in the hands of the Secretary and find them to be properly cast, approved by the Committee on Finance and Claims, or otherwise as the Rules direct, receipted in full and to correspond with the orders on the Treasurer drawn therefor.

WILLIAM H. VICKERY,
JOHN KILLOREN,
FRED E. QUIMBY,
Auditing Committee.



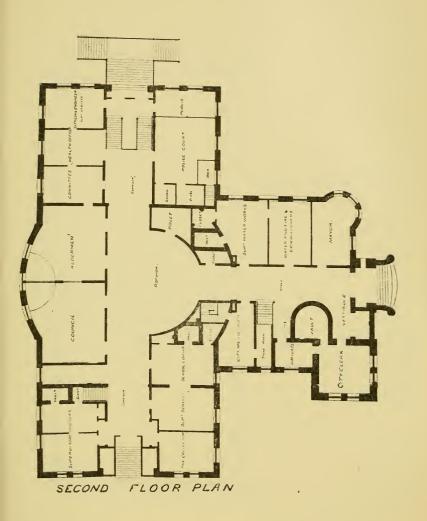
CITY OPERA BUILDING, DOVER, N. H.

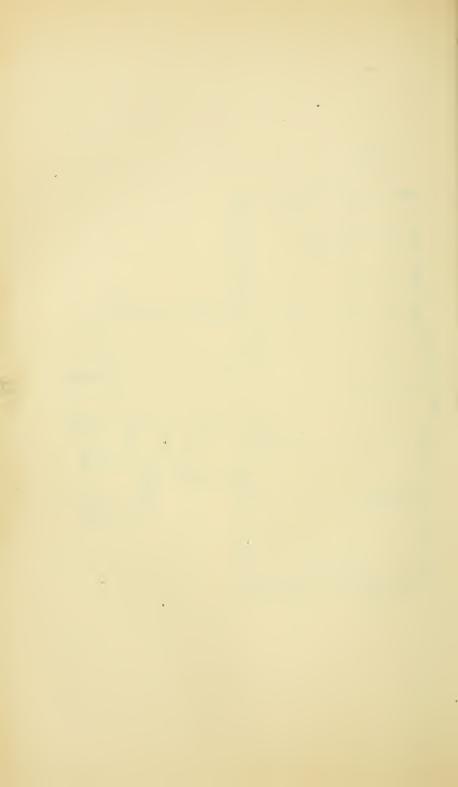


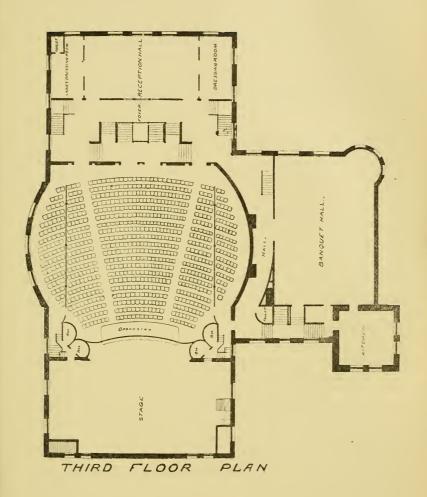


FIRST FLOOR PLAN.











REPORT

OF

THE BUILDING COMMITTEE.

CITY OPERA HOUSE.

Mr. Mayor, Gentlemen of the City Government and Fellow Citizens:

Your committee have come to the conclusion of their labors on behalf of the city, and we present for your inspection a grand, imposing building that is creditable to the city, and to the public spirit of our citizens. Before taking up the details of our report, we deem it pertinent to this occasion that we should state some of the controlling influences which led to the selection of this location and the adoption of the plans for this noble building.

On the night of March 22, 1889, the old city building was destroyed by fire. The result of that fire has been far reaching in its consequences to our city. Conflagrations often prove blessings in disguise. Many a city and town mark the time of its onward march in progress and the physical development of the place to the date of some fire which devastated it. As a direct result of the destruction of our old municipal building we have three public buildings erected in Dover at a cost of nearly \$400,000.00 and they stand out prominently to the admiring gaze of our citizens, and to "the stranger within our gates," and the fact that we have such buildings in our city will do much to lift us from that dull plane of

commonplace and mediocrity so long reputed to us among New England cities.

On May 9, 1889, the City Councils passed the following concurrent resolution: That the Mayor is hereby requested to secure from the departments and officers of the city information as to offices and safe space required in the new city building and report at the next meeting. In response to this request every department of the municipal service including the public library submitted estimates of the amount of room necessary for the proper conduct of the official business of he city. These estimates were accepted by the "Committee on Plans" and were submitted to the competing architects. They formed the basis for their designs, and they have been faithfully carried out in the construction of this building.

It becoming evident that such a building as the city needed could not be located on the old site, that location was abandoned and on May 31, 1889, the Councils authorized the purchase of the grounds on which this building stands, at the same meeting the Councils appointed a committee to advertise for plans for the new municipal building, to examine the same under competent advise, and report to the Councils the plan best adapted to the city's wants, together with a careful estimate of the cost.

In accordance with these instructions the committee on plans met, on July 17, 1889, six architects who submitted designs for our public building. Each architect was given a hearing and his plan carefully examined. The committee met on the following day and voted to reject all plans except the designs of Mr. Damon and Mr. Adams. The committee met from time to time and carefully and critically examined the drawings of the competing architects. Finally on Aug. 28, 1889, the committee reported to the City Councils and recommended that the Adams plan be submitted to a super-

vising architect, and on the same day the Councils authorized the Mayor to carry out the recommendations of the committee.

Great care was taken in securing an advising architect. Mr. George Snell of Boston, an architect of long experience and wide reputation, was finally employed to supervise the Adams plan. Mr. Snell spent a week's time in the thorough revision of the plan. He made a new design for that portion given to the public library, made valuable suggestions in regard to carrying up the interior walls of the building, changed the location of the heating and boiler room to the center of the building, changed the plan for the grand stairway to the opera house, and in other ways perfected the Adams plan. His final criticism on it was: "As a whole the plans are as good as any you would be likely to get." On Sept. 27, 1889, the City Councils adopted the Adams plan in the following resolution: That the municipal building plans of George G. Adams of Lawrence, Mass., modified by the suggestions of George Snell, supervising architect, are in the main such as will meet the city's present and prospective requirements, and said plans and modifying suggestions subject to our authorized departures and changes are hereby adopted for the construction of Dover's new municipal building.

October 1, 1889, the City Councils passed the following resolution: That the City of Dover will erect the new city building on the lot recently purchased by the city of Sarah Low, Elisha R. Brown and the St. Thomas Episcopal church. That a building committee consisting of Joseph T. Woodbury, Nathaniel C. Wentworth, Charles E. Burnham, B. F. Nealley, Dennis Cash, and such members of the board of trustees of the public library as such board may designate are hereby appointed. The library trustees appointed John Holland and Joshua L. Foster and the City Councils added the name

of Charles M. Corson to the building committee. On Oct. 4, 1889, your committee met and organized for business, realizing the importance of commencing building operations as soon as possible the following spring. We pushed our work. Public buildings in Amesbury, Haverhill, Lawrence and Lowell were inspected. The pressed brick were purchased and delivered on the lot during the month of November.

The loam on the building site was removed and held in reserve for grading the lot. The brick from the old city building were cleaned preparatory to selling them to the contractor for the new building. On Dec. 3, 1889, the contract for the stone foundations for the building was awarded to Joseph S. Abbott at \$5.40 per yard. The building plans having been perfected, on Dec. 10, 1889, the architect was authorized to invite proposals for constructing the city building.

January 25, 1890, your committee met and considered proposals. There were six bids submitted from different contractors. Messrs. McIntire & Abbott of Salem, Mass. were the lowest bidders. They named the sum of \$114,800.00 and the contract was awarded to them. On Feb. 3, 1890 your committee met and discussed the situation. It being obvious to all that the apportionment of \$125,000, would not suffice to construct the building, it was voted:—That the committee make to the City Councils at their meeting, Thursday evening, Feb. 3, 1890, a full report as to their exact position in regard to the construction of the new City Building as per plans and specifications. Your committee reported accordingly and the City Councils increased the appropriation to \$150,000.00. On Feb. 6, 1890 your committee with our architect and the contractors carefully revised the specifications and agreed on the following changes:

To use southern pine lintels at a cost of \$100.00.

To use τ 1-4 inch boards on roof at a cost of \$863.00.

To substitute freestone for granite at a cost of \$300.

The basement walls above underpining between jambs and windows and corner quoins to be laid of brickwork and made battering at a cost of \$1,157.00.

On Feb. 15, 1890, the committee met the contractors and the above named changes having been agreed upon, the specifications were changed in accordance therewith, and the contract with Messrs. McIntyre & Abbott for the construction of the city building for the sum of \$117,311.00 was duly executed, the contractors giving bonds in the sum of \$40,000.00 for the faithful performance of the contract. The selection of an inspector of the work early engaged the attention of the committee. They were fortunate in securing the services of B. F. Chadbourne of Lawrence, Mass., a man of large experience as a builder; he came to us with the strongest recommendations. Your committee bear cheerful testimony to his zealous and faithful care of the city's interests while the building was in process of construction.

During the construction of the basement story your committee became convinced that the building set too low upon the lot, and that its general appearance might be greatly improved by raising it two feet above height shown on plans, and on May 22, 1890, they accepted the proposal of contractor to make this change for the sum of \$2,537.00. On June 16, 1890, it was voted to accept the following specifications:

All glass of the lower sash of the windows of front wing to be of French plate glass, all other glass of lower sash to be double thick. All glass of circle tower to be bent to fit the curve of tower. The glass panels for outside doors to be best bevel plate. The circle top transom over front and St. Thomas street entrances to be glazed with plate glass. The small squares of glass for the Hale street entrance to be

glazed with bevel plate. The contractors will allow \$100.00 for colored glass in reception hall windows, and the contractors proposal of \$900.00 for making this change was accepted. On June 17, 1890, your committee accepted the proposal of the contractors to furnish 6,324 ft of Guastrunino fire proof material as specified by that company, and the iron work according to schedule, and cementing over arches for the sum of \$5,340,00. This work was for fireproofing the portion of the building allotted to the public library. It was voted to enlarge the elevator at an expense of \$60.00. The contract called for plastering direct on the brick walls. Your committee becoming convinced that the dampness of the walls would injuriously affect the wood finish of the same, they accepted on Sept. 17, 1890 the proposal of contractor to fur and lathe all walls where contract calls for plaster direct on brick walls for the sum of \$1,200.00.

On Oct. 10, 1890, your committee executed a contract with Middlesex Machine Co. of Lowell, Mass., for the Mills system of heating and ventilating for the sum of \$7,000.00. Nov. 28, 1890, the committee allowed contractor \$388.80 for lining up foundation walls with brick work. On Dec. 14, 1890, the City Councils by concurrent resolution made a further appropriation of \$25,000.00 to pay bills of construction on city building. On Dec. 19, 1890, the contract for material and labor for plumbing and gas fitting the building was awarded to A. Moulton & Co. and Littlefield, Frary & Co. for the sum of \$4,150.00. Ian. 14, 1691, your committee accepted the proposal of Kendall & Slade of Boston for electric wiring to light corridors on first floor, stairway to second floor and second floor complete, 365 lights at \$3.10 per light. Jan. 17, 1891, your committee voted to put in mullion windows in the center row of windows in the swell on Locust street. The estimated cost of this change is \$100.00. Early in the year the

attention of your committee was called to the fact that no provision had been made in police station plan for a woman's cell. On consulting the architect we found that an improvement could be made by a revision of the plans. A partition was changed, the guard room floor raised, a rail put up in reception room, vestibule built, an iron column put in and an additional cell. The cost of this change has been estimated at \$271.00. Jan. 28, 1891, your committee authorized contractor to put in two additional iron rods to support gallery. The cost of rods and trusses from which they are suspended was \$62.00. Also accepted the proposal of Seth Thomas Clock Co. for one No. 8 Tower Clock for \$1,360.00. Feb. 6, 1891, your committee accepted proposal of Meneeley & Co., West Troy, N. Y., for a tower bell weighing 5,000 lbs. for \$1,240.00. The purchase of the clock and bell was authorized by vote of the City Councils. Your committee have given much attention to the finishing of the public library rooms. Every precaution was taken to avoid dampness in that part of the building. A large amount of labor and expense was entailed in the concrete work under the library floor. The contract called for whitewashing on the brick walls in the library rooms. Your committee decided to fur, lathe and plaster the walls, also to plaster the guastrurino tiling in arches and accepted proposal from the contractor to do this work for \$780.00, this estimate including furnishing base boards, doing the painting and cutting a door from library to furnace and boiler room.

April 20, 1891, the committee awarded contract for fresco and papier mache work to Joshua Sears of Boston for the sum of \$3000.00. May 20, 1891, your committee authorized contractor to put in trusses in bell deck of tower at an expense of \$140.90.

June 6, 1891, your committee changed the design of the

iron stairway at the St. Thomas street entrance at an additional cost of \$198.00. Aug. 19, 1891, your committee accepted proposal of Joshua Sears to add gold leaf in the decorations of opera house for \$275.00. During the latter portion of August and through the month of September but little work was done in the building. Early in September it came to the knowledge of your committee that our contractor was in financial difficulty and on Sept. 16, 1891, Edward F. McIntyre et al. made an assignment at Salem, Mass., to James F. Dean of said city for the benefit of his creditors. Your committee was officially notified of this fact by the assignee. There was in the hands of the city at this time 20 per cent. of the contract price on all completed work amounting to upwards of \$25,000.00. Doubts being entertained as to the validity of the assignment in this state the creditors of McIntyre & Abbott immediately attached contractor's interest in the hands of the city. On Sept. 24, 1801, your committee instructed the City Solicitor to serve notice on the contractors, that if they did not proceed with the work on the building before the first day of October, the city will complete the work and deduct the cost of so doing from the contract price, and hold them to the full performance of their undertakings.

On Sept. 28, 1891, Mr. McIntyre came to Dover with Mr. Gifford and Mr. Langmaid of Salem, who had signed the bond of Messrs. McIntyre & Abbott for the faithful performance of their contract. They met your committee and discussed the situation. Mr. McIntyre informed the committee that it would be impossible for him, or any one representing him or the firm to complete the contract with the city, whereupon your committee voted to proceed with the completion of the building and under our own supervision. By the terms of the contract the building was to be completed Oct.

1, 1891, and the contractor shall pay to the city \$20 per day for every day thereafter that the said work shall remain unfinished. Your committee have under this clause charged demurrage to contractor up to Nov. 15, 1891, amounting to \$900.00. The work of excavating for the foundations of this building commenced April 3, 1890, and the first brick was laid May 27th. On July 4, 1890, the corner stone was laid by the Grand Lodge of Free and Accepted Masons of the State of New Hampshire. For twenty months this building has been in process of construction and during that time your committee have faithfully and honestly followed the work, and we have endeavored at all times to protect the city's interests. We deem it unnecessary to put forth any claims as to the character of the construction of this building, for we believe that it speaks for itself.

We have adjusted and approved all bills outside the contract of Messrs. McIntvre & Abbott excepting a balance due on the bill of Joshua Sears. There is a difference between Mr. Sears and the committee as to amount due from the city, and he has persistently refused to meet the committee for an adjustment. We report the amount due him as we understand the contract. The account of McIntyre & Abbott as reported here by your committee has been approved and pronounced correct by the architect and leaves a balance due contractors on account of contract of \$17,644.79. Your committee have not put the cost of tower clock and bell, \$3,118.88, into the cost of construction of the building, as this purchase was authorized by special vote of City Councils, and we think the cost should be charged up to the furnishing of the building, and we herewith submit our statement of the cost of the municipal building, whereby it appears that we have overrun our appropriation \$607.41.

'COST OF NEW MUNICIPAL BUILDING, DOVER, N. H. DEC	c. 13, 1891.
Excavating	\$1,288 39
Drains	54 06
Cartage	54 15
Iron steps	36 45
Lumber	17 48
Foundation	8 873 70
Cell beds	105 00
Building Supplies	334 24
Gravel	187 22
Carpentry	191 38
Repairs	6 20
Window cleaning	75 50
Heating and ventilating apparatus	7,934 59
Machinery for raising and lowering floor	1,088 23
Plumbing	4,435 78
Electric wiring	1,422 00
Masonry	81 01
Cell doors	58 50
Labor	1,664 68
Inspector	2,220 00
Decorating and painting	3,435 44
Heating, including 230 1055-2000 tons coal	1,906 85
Supplies, 29 03; Alterations, 940 15	969 18
Contractors McIntyre & Abbott	-
Architect, 4 per cent. on \$166,360 84	6,654 13
Pressed and old brick	4,141 27
Engineering and surveying	50 88
Travelling expenses	569 96
Expenses	198 39
Marble Tablet	70 00
• \$	177,573 21

Less for work not performed by contractors " " forfeiture, 45 days at \$20.00		
Cost of building\$ Less errors		4 I
Cost of Tower clock		75
UNSETTLED ACCOUNTS.	03,100	00
Joshua Sears, Balance	\$519 17,644 \$18,164	79

We have heard it suggested that the building committee should present an itemized account of their expenditures on this building. Mr. Holland has given a great deal of time to the accounts of the building committee, and he is able to show all expenditures in minute detail. All bills contracted since the inception of this building have the signature of approval of your committee on claims of the City Government. All vouchers are or should be on file in the office of the City Clerk, and we now ask for the appointment of a special committee to audit our accounts.

Mr. Mayor and Gentlemen of the City Councils:

We have given you and the citizens of Dover the amount that the building committee have expended in the construction of this edifice, which we now occupy as we hope to our mutual pleasure and satisfaction. The structure in all its beautiful architectural proportions and ample accommodations stands not only the pride of the committee, but also, as

we are convinced, of all our worthy people. The criticisms that have been bestowed upon it during the progress of its construction, whatever may have been their motive or purpose, proved as beneficial as they were unsparing. They probably caused us to be more careful in the expenditures and more critical in our supervision of every detail than we might otherwise have been.

The contracts were favorably made and the material and workmanship are of the best and most satisfactory character.

Mr. Mayor and Gentlemen:—As you sit here tonight your eyes behold specimens of artistic work of fine proportions and ornate beauty not surpassed by any similar examples in New England. This we say in concurrence with the universal public voice. We have heard of no dissent and believe we speak with the accuracy which sufficient knowledge fully warrants. It will not be out of place here to say that from the first to the last all through and throughout the construction, the building committee, the architect, and the very competent and efficient inspector have been in substantial accord and worked as harmoniously together as any body of men ever did in any similar undertaking. The best interests of the city have been kept constantly in view and have been cared for and protected to the best of our abilities. The result is before you, and while there may be some who think the public necessities would have been answered in a smaller and less expensive edifice yet we are persuaded that in this respect no mistake has been made. On the other hand it is our belief that at the end of the long controversy concerning plans, the City Councils committed no error in their final conclusion and in ordering a building to be constructed in general accordancetherewith. He was no unskilled amateur who produced this design and detailed it for the craftsmen, but an adept in the profession, and it will be conceded by all that this monument

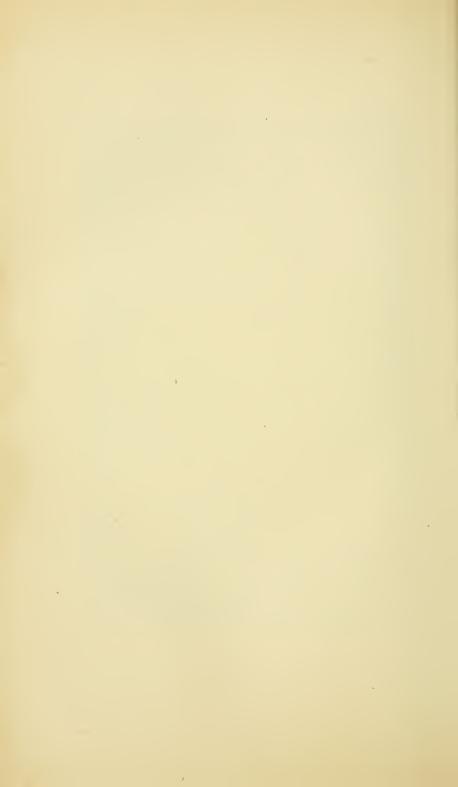
of good taste, good arrangement, and fine artistic proportions is not only a credit to him, but stands out today the proud exultation of our city. One of the most eminent writers of modern times has said: "Show me the architecture of a people and I will tell you the story of their character, their civilization and refinement," and we may well add, this criterion leadeth to the accuracy of perfection.

And now Mr. Mayor and Gentlemen of the Councils, while it is necessary for the building committee to remain intact until such time as the final adjustment with the insolvent contractors or their creditors can be brought about in a legal way it is nevertheless proper and necessary that the building be placed in the full and complete occupancy of the city. I, therefore, in behalf of the committee take great pleasure in now turning over the result of our work to you as the representatives of the people of Dover, feeling assured that you will care for and protect this fine public property of which you are the lawful custodians, and manage it in such a manner as will be most conducive to the true interests of the city so long as you shall remain in charge and in due time see that it be transmitted with no more than the unavoidable impairment from necessary use to your successors in municipal control.

Respectfully submitted,

B. Frank Nealley,
John Holland,
J. L. Foster,
Dennis Cash,
J. T. Woodbury,
Chas. E. Burnham,
Nathaniel C. Wentworth.
Chas. M. Corson.

Dover, December 16, 1891.



REPORT

OF THE

CITY OPERA HOUSE COMMISSION.

DECEMBER 16 TO 31, 1891.

The city opera building is the finest and most imposing municipal building in New Hampshire. Though the first town hall was little more than a brick barn, the motive leading to its construction did not differ from that bringing about the present building. In each case the majority of the voters wanted to increase their comfort and happiness. There were opponents of the old measure and everybody knows that this has not been carried on without opposition. Doubtless the twenty or thirty thousand dollars required for the first building was deemed extravagant and unwarranted.

Your Commission has principally to do with the show part of the building. Repairs, changes and additions can be made only under certain conditions by the committee on lands and buildings. Thus, it appears at a glance that our business is simply to take good care of this property and get as much return as possible.

The season was well advanced when we began, and many desirable companies had made contracts far in advance.

It is likely that with increased experience the running expenses can be reduced. We have had too little time to formulate plans, and this, the first report, can be little more than a plain statement.

FINANCIAL EXHIBIT.

Dr.

City of Dover, cash to start business	\$500.00
Barry & Fay Co., house receipts	185.20
Gorman's Minstrels "	126.21
Mugg's Landing "	142.94
Hi Henry's Minstrels "	90.65
Around the World in 80 days, house receipts	93.48
Dover Water Works, rent	20.84
St. Mary's, on account	41.00
~	\$1,200.32
Contra.	
Express	\$2.60
Lights	37.14
Mis. Ex	98.71
Fuel	267.15
Advertising	62.00
Posting and lithographing	74.81
Labor	117.25
Balance on hand	540.66
	\$1,200,32

It should be added that some bills are outstanding, but at the rendering of this report have not been presented.

It is a fact not generally known that the heating and lighting of the offices on the first floor is charged to the commission. Perhaps there is no better way, but the commission should have its offset, in charging such cost to the city.

Respectfully submitted,

H. R. PARKER,
WILLARD T. SANBORN,
GEORGE H. DEMERITT,
Commission of City Opera Building.

Dover, December 31, 1891.

REPORT

OF

THE FURNISHING COMMITTEE.

TO HIS HONOR THE MAYOR AND CITY COUNCILS OF DOVER:

Gentlemen:—At a meeting of these Councils holden at the engine house on the evening of January 29, 1891, the following resolution was passed:

Resolved by the City Councils of the City of Dover:

SEC. 1. That these Councils at a date hereafter determined upon will open and act upon bids of manufacturers and dealers to sell all articles of furniture required for the new city building.

SEC. 2. In order that these Councils can act understandingly the joint standing committee on lands and buildings shall forthwith make a descriptive list of all office and hall furniture belonging to the city, all departments included, and report the same to these Councils at the next regular meeting in March.

The committee shall also consider what additional furniture will be required in the new city building, naming articles required for each office and room separately, procure designs and samples, when possible, and estimates of cost, bids, etc., reporting as above to these Councils.

At a meeting of these Councils Feb. 6, 1891, Alderman

Merrill, chairman of the committee on lands and buildings presented the following:

To His Honor the Mayor and Board of Aldermen:

Gentlemen: —In relation to the furnishing of the new city building I wish to state that after fully considering the matter I find that the great amount of time that will be required to properly push forward this very important work is more than I under the present circumstances am at liberty to give and I would most respectfully ask that in so far as this special work is concerned namely the furnishing of the new city building, that I may be discharged.

It was voted not to grant the request but in order to help the committee along in the work the names of Alderman C. H. Foss, ward 4, and Councilman D. G. Langlands, ward 1, were added to the committee, and from that time up to the present this committee have been known as the joint special committee on furnishings for the new city building, and from Feb. 7, 1891, down to the present time, a period of over ten months, your committee have worked with untiring zeal and energy with but one object in view, namely, to do the duty assigned them faithfully, honestly, and for the best interests of the city, and any thoughtful person in going through our beautiful city building can but wonder at the great amount of time, good judgment and good taste required and absolutely necessary in furnishing a building of its size and character.

Your committee have thoroughly investigated all matters pertaining to the furnishing of the building, and after being fully discussed in committee have from time to time reported to these Councils; all reports so made, together with recommendations, have been accepted and adopted unanimously, thereby becoming a part of the records of these Councils.

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But your committee thought it advisable to briefly review their work as reported from time to time to these Councils.

The first matters to engage the attention of the committee were those contracts which would require the greatest length of time to manufacture the goods, such as scenery, opera chairs and office furniture.

In matter of scenery your committee called five scenic artists into the field each showing lists of scenery with designs, prices, etc.

Your committee called in City Messenger Demeritt and Mr. George M. Gray to advise them in the matter, and the advice so obtained has been of great value to the committee and city.

Finally, on April 10, 1891, your committee reported to these Councils, recommending that the contract for scenery be given to Mr. Leon H. Lempest of Rochester, N. Y., his being the lowest bid.

Next in order came the opera chairs for the opera house. your committee reporting them the tenth of April, same even ing as scenery.

Your committee asked for samples and prices from several of the largest manufacturers in the country and finally on the above date reported to these Councils recommending that the contract he given to the Grand Rapids School Furniture Co. of Grand Rapids, Mich., as in our judgment they had the best chairs for the money as well as the most feasible way of fastening or rather placing them on the lower floor. Report accepted and adopted. The chairs have been placed and have proven very satisfactory. The total cost for opera chairs was \$3,117.00.

At a meeting May 7, your committee reported that after repeatedly trying to get Mr. Lempest here to sign contract for scenery, he had finally asked to be released from his bid. It was so voted, and the contract was awarded to Mr. O. L. Story of Somerville, Mass., he being the next lowest bidder. To say that Mr. Story has given us as good a line of scenery as can be found any where for the money would simply be stating that which is the opinion of all,—the act drop being especially fine. Price paid for scenery, as per contract, \$2,340.00.

Then came the furniture for all the offices, such as police station, police court, city government, public library rooms, etc. Here we had to consult the heads of the several departments as to just what would be required, as every piece of furniture has been selected for its particular place in the building, a matter requiring a great amount of time.

Finally it was voted to give the contract for all office furniture to the G. R. S. F. Co. of Grand Rapids, Mich., as per their list, specifications and bid for the same,—the total cost of the contract being, with a few small additions made since, by order of these Councils, \$3,480.00.

This furniture, the committee think, will speak for itself, for we do not believe there is a finer line of furniture in the country for the price paid; it is admired by all.

In matter of gas fixtures your committee gave a great amount of time knowing as we did that a great deal depended on beautifying the interior of the building in the selection of the gas and electric fixtures as to the quality, design, etc.

We received bids, designs, etc., from five manufacturers asking for a special drawing for all of the most important fixtures and after thorough investigation finally reported that the contract be awarded to R. Hollings & Co. of Boston, Mass., as in the judgment of the committee they furnished the best line of fixtures for the money.

July 10, 1891, accepted and adopted.

As soon as the stage in the opera house was in shape to

calculate on the lights, it was voted to give R. Hollings & Coathe contract for piping the same for border, foot and bunch lights, at a cost of \$550.00; also to make changes in the library rooms, by request of the board of trustees, at a cost of \$82.50.

Oct. 1, your committee were authorized to contract for one elevator for the theatre, with Geo. T. McLauthlin & Co., Boston, Mass., for \$225.00.

The elevator has been placed and is quite satisfactory.

The same date your committee were directed to purchase for use in the city clerk's office what is known as a U.S. Document File and Book case made of metal, of the firm of Geo. H. Richter & Co., Rochester, N. Y., for the sum of \$225.004 It is now in use in the office and perfectly satisfactory.

On Aug. 19 your committee reported to these Councils a list of articles known and marked list A, asking that we be authorized to purchase the articles therein named, and it was so voted, the most of which have been furnished by William A. Morrill and the E. Morrill Furniture Co. of this city, consisting of carpets, drapery curtains for opera house furniture, rubber carpeting etc., all articles being selected with the same care as in the other contracts.

We have had neat signs placed over the door of each room in the main corridor showing where each official can be found; had shelving put up in all the fire proof vaults, a fine railing in both city government rooms, also carpets for the same and many other things too numerous to mention.

In closing our report to these Councils, we submit a detailed list of all bills contracted for by this committee most of which have been duly examined, approved and paid, and are now on file in the city clerk's office.

Your committee wish farther to state that during the entire time of which this committee have been associated together. Their meetings have all been harmonious and pleasant each member trying to do his utmost in order to obtain the best possible results.

BILLS.

O. L. Story, scenery	\$2,340 00
" furnishings	42 90
G. R. S. F. Co., opera chairs	3,117 00
" " office furniture	3,480 00
" " office chairs	929 75
Geo. T. McLauthlin & Co., elevator	225 00
Geo. H. Richter & Co., office files	225 00
R. Hollings & Co., gas fixtures	3,573 28
Harris M. Shaw, library contract	523 50
" " banquet tables	90 00
John Howe, painting signs	16 41
E. H. Frost, carpenter work	136 21
Kendall & Slade, dimmers	330 00
" incandescent lamps	270 65
A. Moulton & Co., furnishings	66 75
A. G. Clark, furnishings	60 65
C. E. Hodgdon, clocks, badges, etc	248 50
Littlefield, Frary & Co., furnishings	51 06
Edgar A. Herbert, frictional lights	243 00
J. H. Randlett, iron work	21 25
Edgar Caverly, labor	31 50
Herbert M. Stevens, labor	16 00
Mary A. English, labor	9 00
Frank H. Keenan, labor	19 00
Newell H. Shaw, painting	4 75
Committee expenses	17 32
E. Morrill Furniture Co., furniture, etc	2,545 09
John A. Goodwin, labor	16 00

William A. Morrill, carpets, etc	\$441 41
Harris M. Shaw, extra library work, etc	682 68
C. L. Jenness, hardware	46 41
Elastic Tip Co., Boston, chair tips	3 75
E. B. Foss, trucking	14 28
E. H. Frost, railing, etc	236 14
Newell H. Shaw, library work	152 44
Ken dall & Slade, wiring extra lights, etc	424 40
Converse & Hammond, stock	36 85
D. Foss & Son, stock and milling	21 84
Expense of committee	9 59
	\$20,719 36

[Signed,]

Frank W. Merrill, C. H. Foss, William H. Gorman, John A. Goodwin,

Joint Special Committee on Furnishings for the New City Building.



ANNUAL REPORT

OF

THE FIRE COMMISSIONERS.

To His Honor, the Mayor, and the City Councils of the City of Dover:

Gentlemen:—On Oct. 1, 1891, the City Councils adopted an ordinance, creating a board of fire commissioners, for the purpose of re-organizing and managing the fire department, and George G. Lowell, Dennis Cash and John W. Leavitt were elected. The commission organized with George G. Lowell as chairman, and John W. Leavitt, clerk. The ordinance provides for an annual report, at the end of each municipal year, and we beg leave to submit our first report, to your Honorable body. At an early date we shall ask for a hearing of your Honorable body, for the purpose of presenting to you our plans for re-organizing the fire department, and such recommendations as, in our judgment, will improve the efficiency of the same. The first business of the commission was to order an inventory of all property belonging to the fire department of the city of Dover.

The fire loss for the year has been light. No disastrous fire has occurred. The department has responded to eleven alarms, which were pulled in from the different boxes.

The fire alarm is an important branch of the service, and has been in use five years, and it still proves a valuable addition to the department. It has been kept in fine order by

the superintendent, Mr. James Thompson, and the alarms have been rung in very correctly. This year the service has been extended to Sawyer Mills. Two private alarm boxes have been added by Sawyer Woolen Co. The bell striker that was attached to the Belknap bell has been removed to Sawyer's bell and a new striker has been purchased and placed in the new city hall tower and connected with that bell.

Respectfully submitted,
GEORGE G. LOWELL,
DENNIS CASH,
JOHN W. LEAVITT,

Fire Commissioners.

Dover, N. H., January 1, 1892.

ROLL OF FIRE DEPARTMENT,

JANUARY 1, 1892.

Chief Engineer,
WILLIAM B. PINEO.

First Assistant Engineer, Rupert G. Bishop.

Second Assistant Engineer, George A. Webster.

Clerk,
George A. Webster.

Steward,
James A. Thompson.

Assistant Steward,
William Rand.

Engineers of Steamers,

Cocheco, No. 2— — — Fountain, No. 3—Wm. P. Hilliard. J. S. Abbott, No. 4—Eugene Smart.

Assistant Engineers of Steamers,

Fountain, No. 3—James Stevens. J. S. Abbott, No. 4—John S. Stackpole.

Firemen of Steamers,

Cocheco, No. 2—Smith W. Gray. Fountain, No. 3—Alonzo Whitehouse. J. S. Abbott, No. 4—John D. Babb.

Drivers,

Fountain, No. 3—James A. Thompson.
J. S. Abbott, No. 4—Oliver W. Coleman.
R. N. Ross Hose Carriage, No. 2—William W. Willand.
Lincoln Hook & Ladder Truck, No. 1—Wesley B. Sterling:
Hose Wagon, No. 3—William Rand.

NAMES AND RESIDENCES OF MEMBERS OF THE FIRE DEPARTMENT.

Board of Engineers.

William B. Pineo, Chief, carpenter, Washington street-Rupert G. Bishop, First Asst., carpenter, Hamilton " George A. Webster, Second Asst., mason, Fifth "

Cocheco Steam Fire Engine Co., No. 2.

Fireman, Smith W. Gray, teamster, Belknap street

Fountain Steam Fire Engine Co., No. 3.

Foreman,	Edwin Burnham, mason,	Atkinson	street.
First Asst.	, William Frye, carpenter,	Kirkland	66
Second "	Michael McGuinness, carpenter,	Payne	66
Engineer,	William P. Hilliard, carpenter,	First	66
Asst. Engi	neer, James Stevens, belt maker,	Chapel	66
Fireman,	Alonzo Whitehouse, shoemaker,	Waldron	66
Clerk and	Treas., J. H. Blanchard, carpenter	, Silver	.6
Hoseman,	Albert A. Pike, shoe cutter,	Arch	66
"	Charles Burnham, blacksmith,	Cushing	66
"	Henry Sterling, teamster,	Union	44
46	George McKenna, shoemaker,	Main	66
4.4	George Whitehouse, tinsmith,	First	66
44	Edgar M. Foss, painter,	Central ave	enue.
66	Oscar R. Locke, print works,	Union	street.
"	Edward Stackpole, teamster,	Washington	ı "
66	Samuel Abbott, teamster,	Atkinson	66
**	Charles Merrill, mill man,	Lincoln	66
+4	Frank T. Snell, blacksmith,	Forest	66

J. S. Abbott, Steam Fire Engine Co., No. 4.

Foreman, Willis S. Stetson, painter, First Assistant, Edw. H. Brown, belt maker	O
Second Asst., Nelson W. Drew, shoemaker,	Fifth street.
Clerk, Newell H. Young, painter,	Railroad avenue.
Engineer, Eugene Smart, machinist,	Forest street.
Asst. Engineer, J. S. Stackpole, carpenter,	Orchard "
Fireman, John D. Babb, belt maker,	St. Thomas "
Hoseman, Henry E. Young, pilot,	North Pine "
" Herbert A. Canney, painter,	Cushing's Court.
" George A. Swain, teamster,	Smith's "

Hoseman, Walter S. Burnham, shoemaker, Central avenue.

Oscar L. Fernald, blacksmith, Court street.

" James Hathaway, undertaker, Third street.

" Chas. Christenden, shoemaker, Washington street.

" Frank H. Young, laborer, Central avenue.

" Nehemiah Randall, undertaker, Walnut street.

' John E. Leizer, sash maker, Cushing street.

Lincoln Hook & Ladder Co., No. 1.

Mt. Vernon street.
First "
Park "
Twombly "
Park "
Lincoln "
r, First "
Prospect "
Court "
Mt. Vernon "
Portland "
East Brick "
Washington "
Third "
Washington "
Fifth "
Forest "
Court · "
Baker "
Locust "
Belknap "
Washington "

ROLL COCHECO HOSE COMPANY, NO. I.

E. E. Roberts, Engineer.

A. G. Ham, First Assistant Engineer.

J. S. Dame, Second Assistant Engineer.

W. E. Whiteley, Clerk and Treasurer.

Members: C. H. Brown, J. McEwan, F. P. Colemen, J. F. Sloper, J. W. Foss, J. S. Holland, G. W. Stacy, M. I. Hayes, C. Holland, W. G. Osborne, W. L. Boston, C. H. Shapleigh, S. H. Bickford, F. Felker, Bernard Lynch, E. Smith, J. S. Clark, W. R. Clark, G. W. Clark, P. Callahan, W. Quinlan, T. Curry, E. Lord, J. Cook, J. Scanlan, J. E. Dame, F. A. Stone, G. E. White, O. R. Clark, C. H. Clark, J. Abrams, P. Sullivan, G. Willand, J. Hughes, H. Wentworth, G. Shapleigh, P. Murphy, J. Sullivan, P. Brennan, E. Foss, F. Harrity.

APPARATUS.

2 steamers, second class; I steamer, third class: I hand engine, I hook and ladder truck, I hose wagon, I hose reel, I hose sleigh, I supply wagon, I 3,100 ft. cotton hose, 2,450 ft. condemned hose, 5 lengths condemned suction hose, 2 thirty-five ft. ladders, 2 thirty ft. ladders, 2 twenty-five ft. ladders, 3 twenty-five ft. ladders with hooks, I sixty-five ft. ladder, Bangor, I forty-five ft. ladder, Bangor, 2 sixteen ft. ladders, 2 twelve ft. ladders, 2 step ladders, 7 hook poles and chain, 3 sets double swing harness and fixtures, I single swing harness and fixtures, 4 hand hose carriages, I pr. horse blankets, 4 coal stoves, 2 heaters, I pr. shafts for Cocheco 2, I large gong, 25 fire alarm boxes, 3 tower strikers, 3 mechanical gongs, II small tappers, I indicator, 3 galvanometers, I two circuit repeater, 40 gravity batteries and fixtures, 27 Ledauch batteries and fixtures, I switch on tapper line, I key for strik-

ing no school alarm, I switch board for repeater, 20 lbs. salamoniac, 8 glass jars, 200 lbs. old junk, 1 tree trimmer, 50 zincs, 250 lbs. blue vitriol, 3 bits, 1 brace, 1 saw, 1 hammer, 50 lbs. copper wire, 1 copper pail, 2 copper strainers, 1 copper measure, 8 knobs, 2 screw drivers, 1 set steel numbers, 1 pr. cutters, 1 long gimlet, 1 vise and strap, 1 pr. climbers, 4 drag ropes for hand engine, 4 ladders, 15 pitchforks, 4 crowbars, 7 axes, 11 lanterns, 8 pails, 1 pr. bolt cutters, 1 shovel, 2 extra whiffletrees, 1 lead bar, 2 wheel jacks, 1 yoke, 1 snow shovel, garden hose at H. & L, house, 50 ft. garden hose at Central Station, sponges, 1 wrench, 2 chamois skins, 2 ladder ropes, 5 blankets, 2 plaster hooks, 4 ladder splices, 2 dusters, skids for loading steamer on cars, I fall for loading steamer on cars, 3 horses, furniture in halls of the departments, 1 case of drawers, 108 fire alarm box keys and tags, 6 halters, 2 extra horse collars, 1 whip 4 horse, 1 clock, 1 wheelbarrow, 72 overcoats, 3 rubber coats for engineer, 3 pipe holders, 1 deluge pipe, I bench vise, I hose rope, I set books for engineer, 6 hose pipes, 7 valves, 1 siamees, 1 pole and whiffletree for hose wagon.

RESERVOIRS.

North Side.

One on Chapel street.
One on Portland street.

Two on Broadway.

One corner of Sixth street and Central avenue.

One on Central avenue.

One on Reservoir street.

One corner of Hough and Maple streets.

One on Chestnut street.

One corner of Grove and Fourth streets.

Two at High school house.
Three on Central avenue bridge.
Fourth street bridge.
Two at Garrison Hill.
One on Sixth street.

South Side.

One corner of Walnut and Washington streets.
One corner of Belknap and Washington streets.
One on Washington street.
One on Hale street.
One on Silver street.
One on Locust street.
One on Mt. Pleasant street.
Two on Tuttle square.
One on Court street.
One on Pleasant street.

HYDRANTS FOR STEAMERS.

One on Atkinson street.
Two on Hale street.
Six on Locust street.
Two on Payne street.
Two on Washington street.
One on Folsom street.
Two at Pine Hill.

HYDRANTS FOR HOSE COMPANIES.

One on Central avenue near the Boston & Maine railroad, four lines.

LOCATION OF FIRE ALARM BOXES.

Box No.

- 7 corner Cocheco and School streets.
- 8 " Payne and Hanson streets.
- 13 near American House.
- 15 corner Broadway and St. John streets.
- 16 " Portland and Essex streets.
- 17 " Broadway and New York streets.
- 19 " Hill street and Broadway.
- 21 First street.
- 23 Boston & Maine depot.
- 24 corner Grove and Fourth streets.
- 26 " Central avenue and Sixth street.
- 27 " Hough and Grove streets.
- 28 Central avenue near C. L. Jenness's house.
- 29 Garrison Hill near Horse Car stables.
- 31 Post Office building.
- 32 corner Central avenue and Kirkland street.
- 34 " " Silver street.
- 35- " Spring and Locust streets.
- 37 " Central avenue and Locust street.
- 38 Central avenue near John Scott's house.
- 42 corner Washington and Belknap streets.
- 45 " Washington and Lexington streets.
- 46 "Silver and Atkinson streets.
- 47 " Washington and Arch streets.
- 51 " Mt. Pleasant and South Pine streets.

DOVER WATER WORKS.

LOCATION OF HYDRANTS.

Central avenue at corner of Oak street.

Central avenue at entrance to Pumping station.

CCIItiai a	vende at entrance to I diffing station.
"	" at corner of Hill street.
"	" between Hill and Ham streets.
"	" at Abbott L. Littlefield's.
"	" between Ham and New York streets.
"	" near Mineral street.
"	" between Chestnut and Sixth streets.
"	" at corner of Fifth street.
"	" between Third and Fourth streets.
66	" Second and Third streets.
"	" at corner of First street.
Ash street	, at corner of Maple street.
"	" Mt. Vernon street.
Hough str	reet, at corner of Maple street.
"	" Mt. Vernon street.
Grove stre	eet, between Hough and Sixth streets.
Mt. Verno	on street, opposite Milk street.
Sixth stree	et, at corner of Horne street.
" "	at corner of Maple street.
" "	between Grove and Mt. Vernon streets.
" "	at corner of Chestnut street.
Grove stre	eet, opposite Lincoln street.
	et, near railroad.
"	between Grove and Chestnut streets.
Fourth str	reet, near railroad.
"	" at corner of Grove street.
"	" Chestnut street.
Third stre	et, between Grove and Chestnut streets.
"	" Chestnut street and Central avenue.
Second st	reet, at corner of Grove street.
66	" Chestnut street.
"	" between Chestnut street and Central avenue.
Chestnut	street, south of First street.

First street, west of Chestnut street. " between " and Central avenue." Hill street, between Central avenue and Broadway. Broadway, north of Hill street. between Hill and Baker streets. at corner of Ham street. Baker street, west of Broadway. Park street, between Hill and Ham streets. " between Ham and Dover streets." Ham street, opposite East street. Dover street, between Park and East streets. New York street, at corner of Park street. 66 66 66 " East street. East Brick street, between Twombly street and Central avenue. 66 66 66 Twombly and Pierce street. East Brick and Pierce streets. Twombly street, New York and Pierce streets. Broadway. " at corner of St. John street. North Pine street, at corner of Durell street. Chapel street, " Mechanic street. Forest street, north of Hancock street. " between Hancock and Essex streets." at corner of Essex street. Portland street, between Hancock and Rogers streets. " Rogers and Essex streets. 66 Essex and Chapel streets. " at corner of Cocheco street. · Cocheco street, between Portland and Rogers streets. " at corner of Rogers street. Rogers street, between Portland and Cocheco streets. Main street, at corner of Chapel street. School street. " opposite Young street.

291
Waldron street, between Green and Fayette streets.
" " Fayette and Walnut streets.
" " Walnut street and Central avenue.
Orchard street, at corner of Fayette street.
" between Walnut street and Central avenue.
Central avenue, " Waldron street and the river.
" " Orchard and Washington streets.
" " Payne and St. Thomas streets.
" at corner of St. Thomas street.
" between Hale and Kirkland streets.
" " Kirkland and Angle streets.
" " Church and Silver streets.
Washington street, between Arch and Richmond streets.
" " Richmond and Lexington streets.
" " Cushing street and the railroad.
" " Belknap and Green streets.
" at corner of Walnut street.
" " " Myrtle street.
" opposite Main street.
" at corner of Walnut street.
" between Central avenue and the river.
Arch street, between Washington and West Concord streets.
Richmond street, " " " " " "
Lexington street, at corner of West Concord street.
Cushing street, between Folsom and Silver streets.
Folsom street, near Belknap street.
Atkinson street, between Washington and St. Thomas streets.
" " St. Thomas and Nelson streets.
St. Thomas street, opposite Walnut street.
Locust street, between Hale and Kirkland streets.
" " Kirkland and Church streets
" " Church and Nelson streets.
" at corner of Silver street.

Locust street, opposite Spring street.

" south of Fisher street.

Main street, near 213.

" near private way of Demeritt & Burnham.

Church street, opposite Middle street.

Silver street, between Arch and Lexington streets.

- " " Rutland and Cushing streets.
- " at corner of Belknap street.
- " between Atkinson and Elm streets.

Summer street, "Belknap and Elm streets.

" " Elm and Locust streets.

Belknap street, between Summer and Hamilton streets.

Elm street, at corner of Hamilton street.

Fisher street, west of Elm street.

Central avenue, between Silver and Summer streets.

- " at corner of Union street.
- " between South Pine street and Friends' meeting house.
- " at Stark avenue. -
- " opposite centre of Pine Hill Cemetery.
- " between Stark avenue and Locust street.
- " at Locust street.
- " at Cataract avenue.
- " at Bellamy river.

Cataract avenue, opposite Welch school.

Silver street, between Arch and Littleworth road.

" Littleworth road.

Two on South Pine street, between Central avenue and Court street.

Court street, at corner of Pidgin street.

- " between Union and South Pine streets."
- " near entrançe to Pine Hill Cemetery.

Union street, at end of street.

Washington street, at corner of Prospect street.

" at end of line opposite C. A. Davis' house.

Highland street, at corner of Washington street.

" at end of street.

Prospect street, at end of street.

Payne street, near Cocheco store house.

Hanson street, between Sonnet street and Central avenue.

Rutland street, opposite Geo. P. Demeritt's.

Mt. Vernon street, near Dame house.

William street, near Payne street.

Watson street, near Central avenue.

Stark avenue, near Watson's lane.

Payne street, upper end.

Payne street, near Nile street.

Two on Charles street.

Two on Mill street.

Total, 150 hydrants.

SCHEDULE OF FIRES AND ALARMS

DURING

THE YEAR ENDING DEC. 31, 1891.

January 27, 11.33 P. M.—Frame dwelling on Sonnet street, owned by John McArdle and occupied by Patrick McGee; valued at \$500, damaged \$40.50; insured for \$300, insurance paid \$40.50; cause of fire, pan of hot ashes; hydrant and steamer; contents removed. Alarm box 31.

February 4, 6.9 P. M.—Print works on Payne street, owned by Cocheco Manufacturing Co.; cause of fire, over-heated bearings; was extinguished by pails of water. Alarm box 43.

March 17, 9.55 P. M.—Frame dwelling on Waldron street, owned by James Quinn; valued at \$2000, damaged \$100; insured for \$1,500, insurance paid \$50; cause of fire, spark from chimney; hydrants. Alarm box 31.

April 1, 12.40 A. M.—Greenhouse at Garrison Hill, owned and occupied by Henry Johnson; valued at \$1,000, damaged \$100; value of contents \$500; cause of fire, incendiary; steamer Fountain 3 and hydrants. Alarm box 28.

May 18, 9.55 A. M.—Brick mill on Washington street, owned and occupied by Cocheco Manufacturing Co.; damage to building and contents \$2,244.35; cause of fire, gas explosion; hydrants and steamer Fountain 3. Alarm box 31.

August 9, 2.8 P. M.—Frame dwelling on Fayette street, owned by John Gorman; cause of fire, burning chimney; hydrant. Alarm box 31.

August 29, 4.15 A. M.—Frame dwelling on St. John street, owned by John Smilie and occupied by Dr. H. A. Jendrault;

valued at \$2,500, damaged \$80; insured for \$1,600, insurance paid \$80; damage to contents \$350, insured for \$1,000, insurance paid \$350; cause of fire, lamp explosion; hydrant. Alarm box 13.

October 6, 3.25 A. M.—Greenhouse at Garrison Hill, owned and occupied by Henry Johnson; valued at \$4,000, damaged \$2,300; cause of fire, indendiary; steamer Fountain 3, supplied from hydrant. Alarm box 28.

October 24, 2.29 P. M.—Frame barn at Gage Hill, owned and occupied by Harry McNally; valued at \$300, damaged \$300; value of contents \$150, damaged \$150; cause of fire, unknown; no power was used for want of water. Alarm box 29.

November 16, 4.39 P. M.—Frame dwelling on First street, owned by Dr. P. A. Stackpole and occupied by Dominic Larvin; cause of fire, breaking of a lamp; no cause for an alarm. Alarm box 21.

December 30, 6.40 P. M.—Frame dwelling on North Pine street, owned by James W. Henderson and occupied by Mr. Hill; cause of fire, burning chimney; no power used. Alarm box 15.

ANNUAL REPORT

OF

THE STREET COMMISSIONER.

Dover, N. H., Dec. 31, 1891.

TO THE HONORABLE MAYOR AND CITY COUNCILS:

Gentlemen:—I hereby submit my report of the expenditures for eight months, from the 1st day of May to the 31st day of December.

APPROPRIATIONS FOR 1891.

Highways	3,500 00	
Total		
Total		
On highways \$6,827 50 Leaving a balance of 13,172 50 On sidewalks 454 83 Balance 2,045 17 On sewers 35 00		
Balance	2,465 00	

These figures show what bills had been paid, but not all that had been expended. There were a number of outstanding bills against each department May τ .

During the summer, work has been done on the following streets:

The hill on the north end of Mount Vernon street was cut down about four feet and the gravel carried to the low places, the street put on grade as far as we had material to do with.

The hill on Hough street, near Central avenue was taken down about one foot.

The hill on Waldron street, near the avenue, one foot.

Sonnet street has been cut down, near Hanson, one foot, and the street put in good condition from George to Hanson street.

George street has been graded and a sewer put in.

Young street has been repaired from Main street to the river.

School street hill has been repaired and stone put on from the hill to Main street.

We have repaired Broadway. The gutters were ploughed out on the south side of the street near the freight house.

Grove street hill, near Sixth street, has been graded and is now in good condition.

Sixth street has been graveled from Chestnut street to near Grove. The hollow on Central avenue in front of the Brown and Wendell lots has been filled and the railing taken from the street. This was quite a job, it took over six hundred loads of clay and sand which was mostly all taken from the city hall lot. This was an improvement to both street and sidewalk, and was much needed.

By a vote of the city government a sidewalk has been made from Dunn's house on the north side of the road to Moses Lord's house near Dunn's woods. This was a two weeks job with four and five teams and from ten to fifteen men. Welengthened out a stone culvert fourteen feet. Two hills were cut down from four to six feet, and the gravel was carted to the low places. The remainder of the material needed was given by Sawyer and Torr. This was a much needed sidewalk, for the people who live in that part of the town and work in the mill were obliged to walk in the road which was very muddy in Spring and Fall.

There has been eleven hundred loads of crushed stone put on the streets. It was put on streets where there had been stone before to repair them as they were full of holes caused by digging up. Crushed stone was put on the following streets:

First, from Central avenue to Chestnut.
Fourth, from Cocheco railroad to Fourth street bridge.
Second and Third, from Central avenue to Chestnut.
Broadway, from Central avenue to St. John.
Chapel, from the Square to St. John.
School, from Main to Mechanic.
Both Squares.
Places on Locust, Washington and Silver.

We have expended:

On highways	\$21,102	OI
There are two bills charged to this department		
which belong to sidewalks	195	20
The fire department has drawn	182	00
Health department " "	600	00
City hall lot for a man and pair of horses, 13		
weeks at \$24 per week	312	00
Total	\$1,289	20

If the above departments had paid their own bills there would remain in the hands of the committee a balance of \$187 19

It would take too long to mention all that has been done on our streets. Cleaning them up, cutting out gutters, repairing sidewalks with cinders, etc. As for the improvements, if there have been any, I leave this matter with you who ride over our streets.

I have two or three things to mention in connection with my report.

First, the health department has to have a horse and two men two and sometimes three days out of a week. This expense cannot be reckoned less than twelve dollars a week, \$600.00 a year.

Then the fire department have two men drawing pay for Sundays at an expense of \$182.00 a year.

I have used one two-horse team and a man from Sept. 14 to Dec. 15, working around the city hall. This was not charged to the city hall bill, \$312.00. All of the above comes out of the street appropriation. The men's time who worked at grading city hall lot, and setting inside curbing stone, was charged to city hall lot.

SIDEWALKS.

The appropriation for this department was 3,500. Edge-stone has been set on the following streets: Locust, in front of the Anderton block, 129 feet. Waldron, front of Peter Loughlin's lot, 115 feet. Corner of Lexington and West Concord streets, front of Mr. Burwell's house, 192 feet.

Washington, front of school house, 145 feet. Second, front of Mr. Berry's lot, 86 feet. Hough, front of I. Wiggin's lot, 147 feet.

Belknap, front of C. Prime's house, 80 feet.

Cushing, front of Mathes' house, 92 feet.

Hale, Locust, Central avenue, and St. Thomas, around the City Hall lot, 750 feet.

In all 1,736 feet, 60 cents per foot, \$1,041.60.

Three stone crossings have been laid.

One across Washington street, on a line with Lexington street.

One across Central avenue, from the Drug store to Kennedy's store.

One across Washington street from No. 1 mill gate to the opposite side.

Number of feet of stone 364, 45 cents per foot, \$163.80.

We have laid 37,100 brick at \$9 per thousand, \$333.90. Mr. Lucas probably used as many more, as he had expended \$454.83 before he retired, April 30. The bricks were laid where the citizens set the edging before the city ordinance was changed requiring the abutters to do the bricking and the city furnish edging stone.

There has been four concrete crossings laid this year, where Fourth street crosses Grove, at a cost of \$140.00, besides 22 loads of crushed stone.

The balance of the appropriation was used for labor in setting edgestone, laying brick, and repairing sidewalks.

SEWERS.

I commenced putting in sewers May 4. The first one put in was laid from the big stone sewer near the Gas house to Rogers street, a distance of 1,894 feet. This sewer cost about 70 cents per foot, including digging and laying of pipe, which I consider very cheap as we had to dig so deep and stay it to keep it from caving.

The size of pipe used on Cocheco street was 18-inch, and

262 feet in length. On Portland street we laid 1,000 feet of 12-inch, 577 feet of 10-inch, and 55 feet of 8-inch pipe.

Four inlets were set for surface water; two on Portland street, one on Cocheco street and one on School street.

By a vote of the City Councils, we have extended the sewer on Locust street from Nelson to Fisher, through Fisher to Elm, up Elm to Hamilton, up Hamilton as far as E. Purinton's house. The length of sewer is 2,698 feet: on Locust street, 998 feet of 15-inch pipe; Fisher street, 390 feet of 12-inch; Elm street, 520 feet of 10-inch; Hamilton street, 280 feet of 10-inch. We also extended the sewer on Fisher street from Elm street to Mr. Jones' house, using 180 feet of 10-inch pipe.

We laid 200 feet of 8-inch pipe for inlets to take surface water, and set two inlets on Locust street, two on Fisher street, three on Elm street, two on Hamilton street.

This sewer cost considerable; it was so deep it had to be cribbed: it took a great deal of lumber and time. For 1,500 feet on Locust street the average cut was 15 feet deep, the deepest, 21 feet. The deepest cut on Fisher street was 12 feet, average, 10 feet. On Elm and Hamilton streets the deepest cut was 13 feet, average, 11 feet. We struck a bed of gravel on Locust street that delayed us for a week. It cost from \$3 to \$7 per foot to lay the pipe through this bed of gravel, which was about 30 feet. As the city had no hoisting rigging we were obliged to throw the dirt on to stagings; this required more men to get the dirt out. In the deepest cut it took four men to get one shovelful out of the ditch, where it was not quite so deep, three, in the shoalest cut, two. The average cost of this sewer was \$1.70 per foot. This includes pipe, lumber, brick, labor and sewer inlets. By a vote of the city government a sewer was laid on Sixth street, from the brook to the new shoe shop, a distance of 620 feet; size of pipe, 15-inch; cost of pipe, \$329.40; cost of labor, \$576.00; total \$905.40. The sewer through the hill is 13 feet deep and where we left off at the shop, 9 feet.

Sewers were extended, by order of committee, on the following streets: Union, 57 feet of 8-inch pipe, Payne, 20 feet of 12-inch, South Pine, 350 feet of 10-inch, George, 272 feet of 10-inch, Cocheco, 67 feet of 10-inch, Ham, 75 feet of 10-inch and 25 feet of 6-inch.

We have laid 262 feet of 18-inch pipe, 1,618 feet of 15-inch, 1,920 feet of 12-inch, 2,319 feet of 10-inch, 337 feet of 8-inch: total, 6,458 feet, being nearly one and one quarter miles.

The average cut, 11 feet: cost per foot, \$1.12; total \$7,169.66. This includes labor, pipe, cement, brick, lumber, and sewer inlets. We have set fifteen inlets for surface water.

We began our work on sewers May 4, and ended Dec. 23. There has been paid into the city treasury for entrance fees to sewers, \$925.00.

In conclusion, I wish to express my appreciation of the consideration and assistance extended to me by His Honor, the Mayor, and the committee on streets, in the discharge of my duties, for their promptness in responding to my oft repeated calls for planning and laying out new work; and of the courtesies extended to me by members of these councils with whom my duty has brought me in contact.

Respectfully submitted,

SAMUEL F. HURD,

Street Commissioner.

ANNUAL REPORT

OF

THE CITY CIVIL ENGINEER.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

Gentlemen:—I herewith respectfully submit the second annual report of the City Civil Engineer's department for the year ending Dec. 31, 1891.

Total expenses for the year ending Dec. 31, 1891, (not including salary of City Engineer):

For services of assistants	\$326 75
Office rent	91 44
Repairs on instruments	3 15
Tools	3 90
Stakes	10 29
Office supplies	42 79
Car fare	4 70
Total	\$483.02

EDGESTONES AND SIDEWALKS.

The new rule, requiring all abuttors to sign contracts waiving all claims for grade-damages and agreeing to finish the walk within 30 days after the edgestones are set, has been very satisfactory, and more edgestone than formerly has been set.

It is practically impossible to fix a grade that will please everybody on our irregular and imperfectly graded streets,

and in two many instances edgestones have been set without regard to future improvements.

I have endeavored in every case when establishing a sidewalk grade to fix it with special reference to future extension or improvement of the street; while at the same time not encroaching on the right of the abbutters. Grades and lines have been given for 2,691 feet of edgestones.

The following table shows the amount and location of the edgestone set during the year:

NEW EDGESTONES 1891.

	Length	n in feet.
South sid	e Hough street, near Mt. Vernon	155
North "	Hill street, Central ave. to Park street.	249
East "	Central avenue, opposite Milk	175
North "	Waldron street	107
East "	Central avenue, near Union street	79
West "	Central avenue, near Summer street	35
North "	Union street, near Central avenue	69
West "	Belknap street	83
West "	Lexington street, near West Concord.	79
South "	West Concord street, near Lexington	125
North "	Washington street	153
West "	Cushing street, opposite Folsom	95
West "	Locust street	130
East "	Locust street, opposite City Building.	190
South "	St. Thomas " " " "	143
North "	Hale " " " "	249
· West "	Central avenue " " "	163
South "	First street	200
South "	Second street	2 I 2
		2,691

SEWERS.

The sewerage problem has received careful study during the year and about one and one quarter miles of sewers have been constructed during the season.

The old sewer on Sixth street has been replaced by a new one running easterly from the Berry Brook 620 feet. The average depth of the old sewer was 6 feet, and of the new one-10.41 feet.

This sewer has been constructed so that it can be extended to intercept the sewer from Central avenue now running across private grounds.

Fifteen hundred feet of new sewer has been built on Locust street, from Nelson street to Fisher street. The average depth of this sewer is 1,613 feet. Minimum cut, 9 feet; and maximum cut, 19.75 feet.

The minimum allowable velocity of 2 feet per second in a sewer 15 inches in diameter is produced by a rate of inclination of 1 in 750. The rate of inclination of the Locust street sewer is 1 in 200 which you will readily see by comparison allows a large margin in favor of the Locust street sewer, although it has been said that the sewer was too flat to be self-cleaning.

The estimate of cost of the 1,500 feet on Locust street was \$2,500.00. The actual cost of construction was a little less than \$2,450.00.

The Locust street sewer was designed to care for the sewerage of the "Ricker Field," and can be extended to Silver street if required.

About 1,400 feet of new sewer has been constructed on Fisher, Elm and Hamilton streets connecting with Locust street, thus completing a permanent system for the "Ricker Field" section of the city. The average depth of the sewers on Fisher, Elm and Hamilton streets is 11 feet.

A new sewer nearly 1,600 feet in length, beginning at tidewater on Cochecho street and running through Cochecho street to Portland street and through Portland street to Rogers street has been constructed during the year. This sewer is designed to relieve Essex street and intercept Forest street sewer, which has got to be taken up and relaid as it is not deep enough to drain some of the buildings already connected with it. This system when extended through Essex and Forest streets to Hancock street will provide permanent relief for this section of the city.

Main street, School street and Mechanic street and a part of Chapel and St. John streets can also be connected at junction of School and Portland streets.

The subject of catch basins for taking street water into the sewers should receive careful attention in the future.

A properly constructed catch basin would be a great improvement over the so called sewer chimneys now in use and would prevent the washing into the sewers of sand and rubbish now causing so much trouble.

The ventilation of the sewers should be improved by having the house connections properly made.

These connections should be made in accordance with standard plans, approved by the city and inspected by a city inspector. The above methods would soon stop the many complaints now being made about the sewer gas.

GENERAL OFFICE AND FIELD WORK.

Surveys, plans, and estimates have been made for several routes proposed for the extension of Horne street.

Surveys, plans, and levels have been made of "Willand Pond" and the "Hussey Field" for the water department.

Several surveys and plans were made for the proposed change in grade of Gage and Garrison hills.

Surveys, plans and estimates of the cost of the proposed extension of Essex street were made during the Summer.

Surveys and plans, together with an estimate of cost of a proposed stone and brick arch bridge over Cochecho river on. Washington street, have been made.

Surveys, plans and profiles have been made of Park street extension, also layout of same. The contract for the construction of Park street extension was awarded to Valentine Mathes, he being the lowest bidder, for 27 1-2 cents per cubic yard. The work of construction has been begun and the street will be finished in the early Spring.

A set of plans of the city for the use of the assessors has been begun and will be finished during the Winter months.

Surveys and plans and estimates of cost have been made for a sewer on Central avenue beginning at Oak street and running through New York street to Broadway.

Surveys and estimate of cost have also been made for a proposed sewer of Broadway Brook to Baker street. This is to be a permanent pipe sewer.

A large portion of time was devoted to giving grades and lines for curbing and grading the streets around the city opera building. Also for lines and grade of the inside edging as well as grades for grading the lot around the building.

Measurements and final estimates for hard wood finish in the city opera building were made.

Considerable time has been devoted to establishing permanent bench marks referred to U. S. bench mark at mean sealevel, as well as levels and data for the new sewerage map.

Fifty-three plans have been made during the year for various hearings, court cases, committees and others, an average of one per week during the year. These were in addition to the regular office plans that are to be placed on file in the office.

A permanent index of all street layouts made during the year 1808 up to and including 1843 has been made for the use of the engineering department.

Plans and record books of all work done during the year will be completed and posted up to date during the dull season.

An office in the city opera building especially adapted to the purpose has been fitted and furnished with special reference to the wants of the engineering department.

In closing this report I desire to express my thanks to His Honor the Mayor and City Councils for their confidence and hearty support during the year. All of which is

Respectfully submitted,

Lyman L. Gerry,

City Civil Engineer.

ANNUAL REPORT

OF

The Joint Standing Committee

ON

PUBLIC PARK.

TO HIS HONOR THE MAYOR AND CITY COUNCILS OF DOVER:

Gentlemen:—Your joint standing committee on City Park beg leave to submit the following report of work done by their department for year ending Dec. 31, 1891.

Early in the year your committee appeared before the finance committee to show how much money would be required to properly care for that portion of the city's property entrusted to our care and known as the public park. After some discussion it was decided that the amount should be 500.00.

Your committee made up their minds, early in the year, that the bank around the reservoir, which had been allowed to remain in an unfinished condition ever since the construction of the water works, should and must be repaired and placed in a good and substantial condition.

Believing that the work belonged to the water department we invited the board of water commissioners to meet with us to consider the matter.

After several meetings it was decided that the water department should repair said bank and the work has been done in a thorough and substantial manner.

Your committee found that the old skating rink was in

very bad repair and would have to be shingled and otherwise repaired at an expense of some \$250.00. As the building, in the judgment of your committee, was of no earthly use to the city, your committee recommended to these Councils that the same be sold at public auction, and by a vote of these Councils the recommendations so made were accepted and adopted and the building sold and the proceeds turned into the city treasury.

Your committee have had the observatory thoroughly painted with two coats of the best paint and have had no complaint since from people having their clothing ruined by poor paint.

Your committee have had the grounds put in good condition several times this summer, had fifteen settees newly painted that are now in the first story of the observatory ready for use next season.

We have also had built at the head of the first flight of stairs in the observatory, a vestibule, something very much needed in winter to keep the snow out and at the same time to allow the observatory to remain open, as many visit there during the winter.

The roadways to top of the hill have been repaired and are in good condition, and now that the bank around the reservoir has been repaired, the place can with very little expense be improved from year to year until finally we shall have as fine a public park as can be found in New England.

(Signed)

Frank W. Merrill,
George W. Nute,
Joint Standing Committee on Public Park.

ANNUAL REPORT

OF

The Joint Standing Committee

ON

REPAIRS OF SCHOOL HOUSES.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

The joint standing committee on repairs of school-houses beg leave to report upon their work for the year 1891.

The appropriation made for this department last January was \$3,000.

We have found it necessary in the proper performance of the work undertaken to exceed this sum by \$653.40.

Of this amount \$273.40 should have been charged to the completion of the Sawyer school-house; by mistake this amount was charged to repairs. Placing this expenditure in the proper department, our total expenditure for repairs has been \$3,380.00.

The principal items of expenditure have been:

The Varney school-house has been completely renovated by re-plastering, tinting and painting; several windows give proper light to the basement; the basement floor has been cemented; The blackboards have been entirely re-made and enlarged; the old privies demolished, and water-closets, well drained and thoroughly ventilated, placed in the basement, thus adding to the comfort and convenience of the occupants of the building.

The Hale building has been improved by removing the old

chimneys and repairing the slating. The walls have been tinted and other minor repairs made, tending to preserve the house.

At the Sherman school-house, one room has been entirely refurnished; in the other, old single desks have been repaired and have taken the place of the double desks formerly in use; both rooms have been painted, whitened and tinted.

At the Lower Neck important improvements have been made; a flight of stairs connecting the school-room with the cellar has been built; a wardrobe and a book closet constructed in connection with the stairway; blackboards repaired; walls tinted and ceiling whitened.

Other less important and less expensive repairs have been made upon the High, Belknap, Pierce, Pine Hill, Welch, Back River, Upper Neck, Garrison Hill and Littleworth school-houses.

A majority of your committee retire from membership in the Councils at this time, and we take the liberty to recommend for the consideration of the in-coming boards, certain changes which have commended themselves to our judgment but which we have been unable to effect.

Immediate action should be taken to properly heat and ventilate the Pine Hill building; for this purpose we believe that a jacketed stove, constructed to admit and heat air from the outside, would be a great advantage.

The out-buildings belonging to the Pierce school should be removed at once and suitable water-closets placed in the basement. The Upper Neck building needs practically a reconstruction, as the sills are badly rotted and the underpinning in bad condition.

The double desks in the Back River school-house should be replaced by single ones of modern pattern.

Several of the buildings in the rural sections should be

painted during the coming year. Other matters will be found in many of the buildings which will demand consideration.

Your committee wishes to bear witness to the cordial relations that have existed between them and the officials in charge of the schools of the city, also the school committee and superintendent of schools. The superintendent has ever been ready to co-operate with your committee, and we acknowlegde our indebtedness to him for many valuable suggestions and for his efficient assistance in carrying out our plans.

The appropriation for cleaning school-houses entrusted to our care, amounting to \$250, has been exceeded by \$7.92.

Respectfully submitted,
ALBERT G. NEAL,
FRANCIS E. CAVERLY,
E. H. FROST,

Joint Standing Committee on Repairs of School-houses.



OF

THE CITY MARSHAL.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

I submit herewith a report of the Police department for the year ending December 31, 1891.

The police force consists of the following officers, viz:

Marshal—James Fogerty.

Assistant Marshal—Edward A. Willand.

Day Police--Charles E. Stevens, Thomas Wilkinson.

Night Police—Thomas Fody, James Robinson, William Tibbetts, Walter S. Sterling, William A. Brownell.

The number of arrests for the year have been 426, of which number 401 have been males and 25 females. These arrests have been for the following causes, viz:

Drunkenness 2	23
Assaults	47
Keeping liquor for sale	42
Larceny	25
Breaking and entering	15
Disorderly conduct	14
Brawl and tumult	11
Keeping open on Sunday	8
Embezzlement	3
Sale of liquor	3
Selling short lobsters	3

Truant
Non-support of children
Tramps
Aggravated assault
Fast driving
House of ill fame
Throwing snow balls
Keeping open after ten o'clock
Bastardy
Assault on officers
Discharging firearms in compact part of city
Murder
Manslaughter
Bodily harm
Robbery
Selling quail
Throwing stones
Poisoning dogs
Soliciting insurance without a license
Refusing to assist officer
Total
These arrests were disposed of as follows, viz:
Paid fines and costs
Committed to jail
Sentence suspended on taking pledge 44
Committed to house of correction 44
Bound over to supreme court 40
Discharged 36
Discharged without trial
Ordered to leave city 10
Complaint laid on file

Sentence suspended on going out of liquor business	5
Case without date	5.
Appealed	4
Delivered to out-of-town officers	3
Nol. pros	2.
Disclosed	2
Total	126

The number of lodgers at the police station has been 626. Property lost and stolen to the value of \$600 has been recovered and returned to the owners. The doors of 33 stores have been found open by the night officers and the owners notified.

Number of dogs found without license and killed by the officers, 86.

I have collected from costs and fines, \$1,801.25; of this sum, I have paid \$321.28 for complaints and warrants, witnesses, carting, etc., and the balance, \$1,478.97, I have paid into the city treasury.

A detailed statement of the above amounts has been submitted to the Councils at every monthly meeting. In addition to the above sum the clerk of the police court has collected and paid to the city treasurer the sum of \$213.92, making the aggregate income of this department, \$1,692.89.

The department has labored under great disadvantage since the burning of the city hall, owing to the inadequacy of the police station and its distance from the police court room. On the twenty-fifth day of Nov. last we were transferred to the new police station in the new city building and there I find the accommodations ample and convenient. I wish to extend my thanks to the police force for their diligence and obedience to orders. Its service has been greatly improved by the absence of all personal jealousies.

At the close of this term I shall have served the city seven years in the capacity of City Marshal, and I wish to extend to the Mayors, City Councils, City Solicitors, the Judge and Clerk of the Police Court and the City Clerk, also the citizens, my sincere thanks for their assistance, encouragement and courteous treatment tendered me during said term in the administration of this department.

Respectfully submitted,

James Fogerty, City Marshal.

OF

THE CLERK OF POLICE COURT.

To the City Councils of the City of Dover:

The Clerk of the Police Court submits the following report for the year ending Dec. 31, 1891:

There has been entered, on the police court civil docket, fifty-four cases. On the police court criminal docket there have been entered three hundred seventy-four complaints for the following causes, viz:

Drunkenness	189
Assaults	47
Keeping liquor for sale	24
Larceny	25
Breaking and entering	15
Disorderly conduct	14
Brawl and tumult	11
Keeping open on Sunday	8
Embezzlement	3
Sale of liquor	3
Selling short lobsters	3
Truant	3
Non-support of children	3
Tramps	3
Aggravated assault	2
Fast driving	2

House of ill-fame	2
Throwing snow-ball	2
Keeping open after ten o'clock	2
Bastardy	2
Assault on officers	ī
Discharging firearms in compact part of city	ī
Murder	I
Manslaughter	I
Bodily harm	I
Robbery	1
Selling quail	I
Throwing stones	1
Poisoning dogs	I
Soliciting insurance without a license	1
Refusing to assist officer	Ι
Total	374
The cases were disposed of as follows:	
Paid fine and costs	134
Committed to jail	63
Sentence suspended on taking pledge	40
Committed to house of correction	42
Bound over to supreme court	40
Discharged	24
Complaint laid on file	13
Sentence suspended on going out of liquor business	5
Continued without date	5
Appealed	4
Nol. pros	2
Disclosed	2
Total	274

I have collected in fees two hundred and thirteen dollars and ninety-two cents and have paid the same to the City Treasurer.

Respectfully submitted,

A. G. WHITTEMORE, Clerk of Police Court.



OF

THE CITY SOLICITOR.

To the City Councils of the City of Dover:

Gentlemen:—I present to you my report for the year 1891. In my last report I called attention to suits that were pending against the city, some of which have since been disposed of, and to which I invite your attention.

- 1. Hugh Markey vs. City of Dover. The above was an action to recover for personal injuries upon a sidewalk, claimed by the plaintiff to be defective. The suit was disposed of at the September term by being entered "neither party."
- 2. Lydia Gilman vs. City of Dover. This suit was an appeal on the part of the plaintiff, from an award of the board of alderman for land taken for a highway. The county commissioners awarded the plaintiff the sum of one hundred and sixty-six dollars, and she elected to have a trial by jury. At the February term of court the matter was satisfactorily adjusted by the payment of the sum of two hundred dollars.
- 3. Eliza Hall vs. City of Dover. This action was a claim for damages based upon injuries received upon a sidewalk. At the February term of court the plaintiff withdrew her suit.
- 4. Mary Breen vs. City of Dover. This case was one for personal injuries received on account of defects in a highway, as was claimed by the plaintiff. At the September term of court it was tried before a jury, and the city obtained a verdict.

- 5. Charles H. Hall vs. City of Dover. The plaintiff in this suit sought to recover for services performed as health officer of the city. Upon investigation it was found that the city was indebted to him in the sum of seventy-five dollars, and the suit was settled upon that basis.
- 6. John H. Leavitt vs. City of Dover. As a part of the plant of the water works it became necessary to construct collecting wells, and the plaintiff entered into a contract with the city whereby he engaged to perform the work for a price stipulated. Not being successful in his first attempt, he brought suit to recover damages upon the ground of insufficient specifications, and new promises alleged to have been made by the city. All these positions were controverted by the city, and the case was tried before a jury. The verdict was in the form of answers to questions, and the case has been transferred to the law term. I regard the situation as very favorable to the city.
- 7. Ezra Pike vs. City of Dover. The plaintiff claimed that a defective sidewalk was the cause of an injury to him, and he brought his suit to recover damages therefor. The case was tried before a jury and a verdict was returned for the city.
- 8. Patrick McShane vs. City of Dover. This also was an action founded upon an alleged defective highway, and consequent injuries to the plaintiff. This case was tried before a jury. An abutting land owner was notified to defend this suit. Said owner lent assistance to the defense, and upon a verdict being rendered for the sum of three hundred dollars, agreed with the city to pay one half of the same.
- 9. During the Summer the Councils voted that the solicitor proceed to call upon the county commissioners to assess the value of some fourteen acres of land owned by John S. Hussey, and which had been declared, in the judgment of

the Councils, to be necessary to meet the increasing demand upon the water system. The matter was called to the notice of the commissioners and a hearing granted at their earliest convenience. After a thorough investigation the commissioners awarded the sum of thirty-six hundred dollars. The rights thus acquired are invaluable to the city, for by this addition the supply of water has doubtless been doubled, and this result attests the wisdom of the undertaking.

- to. Margaret Fitzharris vs. City of Dover. This suit was entered at the February term, and continued at the September term. It is an action to recover for injuries received by reason of an alleged defective highway.
- 11. Hall C. Jackson vs. City of Dover. This suit is for personal injuries alleged to have occurred by reason of a defective highway.
- 12. Several notices have been served upon the city during the year in which damages have been claimed for injuries received upon the highways, but upon which suits have not as yet been brought.

Respectfully submitted,
William F. Nason,
Solicitor.



OF

The Joint Standing Committee

ON

CEMETERY.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

It has been the constant end and aim of your committee to foster the recently awakened interest in Pine Hill as well as to expend this year's appropriation in a way to properly supplement what had previously been accomplished. The Treasurer's report will state the amount expended, and the work has been performed in full view of a discerning public.

Though not a matter directly coming within our official duties, the imperative need of additional ground has been considered. We hage cordially co-operated with your honorable boards in examining, comparing and estimating the value and desitability of grounds, whether of a supplementary or separate order. It is a fact well known to all that it has been found difficult, and perhaps, for the present, impossible to make a choice: nevertheless the problem must be solved, and we urge the securing of a public expression of opinion on the matter.

AMOUNT OF PAVING.

	Feet.
North avenue	904
Court street entrance	734

Main avenue	800
Central avenue entrance	500
Total	2,938

We have used 39.30 feet of flag stone, 40 feet of curbing stone, 105 loads of gravel; we have graded 500 feet of the bank on Central avenue and Watson road.

Respectfully submitted,

Chas. E. Burnham,
George E. Smart,
John A. Goodwin,
Joint Standing Committee on Cemetery.

ŌF

The Joint Standing Committee

ON

FIRE DEPARTMENT.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

The undersigned have had few duties to discharge, for with the creation of a commission our offices became sinicures.

But we are disposed to claim precedence in the matter of re-organization. As a committee we did the pioneer work. To be sure our carefully prepared plans failed to take shape in ordinance or resolution. Nevertheless, public interest was aroused, discussion followed, and finally matters settled sufficiently to make the present system possible. It is confidently asserted that good results will follow, and if expectations are realized, taxpayers will be very much gratified. Certainly something more is required.

In accordance with a vote of your boards, we have attended to the matter of providing a new and more powerful striking apparatus for the city hall bell, and removed the old one to Sawyer's Mills.

Respectfully submitted,

John J. McCann,

For Joint Standing Committee on Fire Department. Dover, Dec. 31, 1891.



OF

The Joint Standing Committee

ON

BRIDGES.

TO THE CITY COUNCILS OF THE CITY OF DOVER.

The committee on bridges respectfully report that during the past year they have faithfully attended to their duty and submit the following. The committee are dependent, to a large extent, as to the condition of the bridges, on reports that are made from time to time.

CENTRAL AVENUE.

This bridge was reported unsafe for the big horses to haul a snow plough across. On the west side for 52 feet there has been all new floor timbers and new coverings: on the east side new floor timbers and new coverings the whole length, at a cost of four hundred dollars (\$400.00). The roadway has needed some repairing, and will soon need to be laid new. We would here advise a concrete covering, which will cost a little more than plank, but will last a great deal longer.

SAWYER'S BRIDGE.

This bridge has needed some repairs and some fifteen doldars (\$15.00) has been expended upon it.

COUNTY FARM BRIDGE.

The roadway has been repaired at a cost of eight dollars and thirty cents (\$8.30).

FOURTH STREET BRIDGE.

No repairs were needed on this bridge, but we have had the ice cut around the piles.

BLACKWATER BRIDGE.

This was reported dangerous and we had it all covered new at a cost of fifty-six dollars (\$56.00).

WASHINGTON STREET BRIDGE.

The planking in the roadway has been broken through three times. The railing has been straightened and stayed. The bridge was reported to need new bolsters, but upon investigation we found the abutments on the east side held in place only by the diagonal braces, and we thought it folly to attempt to repair it. It was reported as dangerous, to the City Councils, the building of a new one recommended, and the City Councils have taken action upon the same.

KNOX MARSH.

There has been some new planking laid upon these bridges and the under work all built new at a cost of thirty-eight dollars and thirty-eight cents (\$38.38).

The committee have made a careful and thorough examination of all the bridges and find them in good repair.

A. J. SEAVEY,
C. L. RICKER,
PETER MURPHY,
Joint Standing Committee on Bridges.

REPORT

OF THE

Building Committee of Sawyer School House.

To the City Councils of the City of Dover:

The Building Committee of the Sawyer school house hereby reports progress.

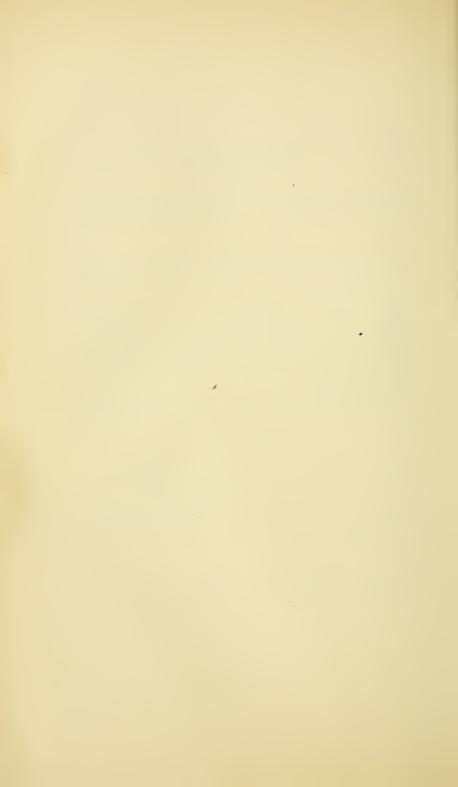
Vour committee are unable to ask your acceptance of the building, as in their opinion, the heating and ventilating apparatus has not yet worked according to contract. By agreement with the contractor, a certain amount of the contract price has been retained until the apparatus shall have been proved sufficient.

Under these circumstances, your committee asks for further time.

Respectfully submitted,

Albert G. Neal,
Francis E. Caverly,
A. Melvin Foss,
E. H. Frost,
Building Committee.

Dec. 31, 1891.



OH

The Joint Standing Committee

ON

CITY FARM.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

We submit our annual report of the management of the City Farm, for the year 1891.

It is easy to say that larger returns ought to be received from the farm, but it should be remembered that little remains, after sale and gift, of the original purchase.

The dwelling house indicates that personal care and attention to property, without which nothing could be kept in order.

The new and commodious barn is an essential adjunct to the street department.

It is proper to add that the expense of getting the grass on this land is the only cost put upon the street appropriation.

Vour committee have met all charges, and recorded them separately and distinctly; they are not merged in a mass of expenditures where their character, necessity and amount, would fail to be observed.

FINANCIAL STATEMENT.

Receipts.

Appropriation \$400 00

M. P. Bennett. I. L. Lucas	\$14 47 5 00 60 36 \$479 83
	9479 °S
Contra.	
Paid J. R. Worster	139 00
L. B. Laskey	16 24
J. R. Worster	36 76
Dover Water Works	14 50
J. F. Seavey	12 00
J. S. Abbott	98 75
	\$317 25

We trust that this showing of one of the modest but important departments may be found satisfactory.

Respectfully submitted,

DANIEL A. NUTE,

CHARLES L. RICKER,

Joint Standing Committee on City Farm.

Dover, Dec. 31, 1891.

OF

THE BOARD OF HEALTH.

"Nor love, nor honor, wealth, nor power. Can give the heart a cheerful hour When health is lost. Be timely wise; With health all taste of pleasure flies,"

To the City Councils of the City of Dover:

Gentlemen: —The undersigned have the honor to submit their second annual report as required by the ordinance adopted January, 1890.

For a detailed statement of the questions which have been considered by us your attention is called to the report of the sanitary officer of the board which is annexed hereto and made a part of this report.

It is fair to claim and assert that never were the sanitary interests of this community so carefully guarded as now: but there are still large opportunities for improvement.

The board have given a good deal of thought to the matter of the noisome soil carts which by the ordinance may parade the streets by day a portion of the year, and whose stepped nights, in summer, is a just subject for complaint.

It has been well said that foul smells may not contain disease germs, but they certainly offend the respiratory and digestive organs. But this is a difficult matter to adjust.

With the present condition of the sewage system of the city and the increased, although indirect, tax which would be slevied on the people by the introduction of the odorless process of cleaning vaults, perhaps at present there may be no other way, without the consideration and co-operation of the City Councils supplemented by a wholesome expression of public opinion, than to continue the system now in vogue and insist on the best service possible. But still it remains that the men intrusted with the health department of a city of considerable size must constantly and forever insist on right ways, methods and means regardless of cost. But it belongs to another department to consider the method of municipal expenditure. With us necessity's demands can only be considered.

The following suggestion made by the sanitary officer of Mansfield, Ohio, is germain to the subject and valuable:

"I would therefore recommend that your honorable body pass an ordinance regulating the cleaning of privy vaults, whereby an annual contract could be let to the lowest competent bidder, binding him to do certain work at certain fixed prices, under the control of the health department."

The following suggestions taken from good authority are also quoted as to the vaults themselves:

"While privy vaults cannot be too strongly condemned, the fact that as yet for a time at least, they must continue to exist renders it important that all should understand wherein lie their dangers.

No more favorable conditions than these vaults afford, for the growth and development of disease seems can be found and yet they can be rendered comparatively harmless to man, if proper precautions are observed. A privy vault should be made absolutely water tight and the cement used asphalt and sand."

"If a vault is within a hundred feet of the house it should! have a ventilator from twenty to thirty feet high."

Privies, cesspools and water-closets, can be made less dangerous to health by being treated with copperas solution. This can be prepared by hanging a basket containing sixty pounds of copperas in a barrel of water and the solution used.

During the year the circuit for the collection of garbage has been increased and the service more than doubled from last year.

It is the desire of the Board to still further develop this work, believing as we do, in its value as a sanitary measure and knowing also that it meets with the approbation of our citizens.

In the course of inspection during the year the sanitary officer found that the drains from many houses connecting with the public sewer were improperly trapped and in some instances no connection whatever was found. This is a matter of vital importance.

The following points taken from eminent authority may well be considered and borne in mind by householders:

- r. All soil and waste pipes should be extended up to and through the roof and be freely open at the top. The extension of the soil pipe should be full size, i. e., from four to six inches in diameter.
- 2. There should be a fresh air inlet in the house sewer just outside the house and between this inlet and the main sewer should be a trap so arranged as to permit of inspection. This prevents the ventilation of sewers through the soil pipes.

3. Every water closet, wash bowl, bath tub, sink, etc., should have a trap placed as close to it as possible. This trap is desirable whether the discharge be into the sewer system or not. For example, a kitchen sink, the pipe from which passes to the outer air and discharges there, should be trapped, for this pipe is foul and if it be untrapped will act as an air inlet, and water closets should always be flushed from a special tank provided for the purpose and never direct from the main system of water pipes.

While the foregoing information is not claimed as original it is of such value, if fully carried out, as to result in great advantage to the public at large in the way of prevention of disease.

As it is well known by medical men that one of the causes of disease may be found within ice cut from polluted streams, and inasmuch as practically all the ice used by the citizens of Dover comes from the upper Cocheco, immediate steps should be taken to divert such of the sewage of the north side as flows in above the Boston & Maine R. R. bridge, in some other direction.

While the state law gives local boards of health ample powers to abate nuisances arising from establishments located in the compact part of any town for currying leather, or for the deposit of green pelts or skins, or for carrying on any other business offensive to the public, yet no citizen would desire to cripple any such establishment which has grown up from small beginnings and is now disbursing large sums or money for the benefit of all in the community; and yet it is doubtful if the refuse from any such establishment should be permitted to enter any public sewer, certainly not near private residences nor near a public thorougfare. We would

suggest that a committee from the Councils be appointed to confer with the owners of any such establishment to see if a private sewer can not be constructed to do away with any nuisance which may exist.

During the year we recommended the construction of sewers in a number of streets of the city, complaints having been made to us by residents, and due examination showing their necessity; several such were readily voted and the construction of others, as recommended, is still advised.

"If necessary let each man constitute himself the guardian of his neighbor, and see to it that he does his duty, whole and entire. If one becomes neglectful and allows his privy vault to become offensive or overflow, those living in his vicinity should at once make it their personal duty to see that the nuisance is abated and the danger removed. To do this there need be no collision between the parties most interested. By postal card the health officials can be notified and the person in fault need not know who the complainant is. Most assuredly the inspector would not mention from whom the notification had been received; were he to do so, he would defeat the end which he subserves."

We would urgently recommend that a urinal and house of easement be located at Pine Hill cemetery. Immediate steps should also be taken to find some location for the urinal on Central square which the City Councils have already ordered removed from its present site.

We have examined the piping and the source from which the water is taken in the new city opera building, for drinking purposes, and find that it is delivered into a copper lined tank and then supplies all faucets in said building.

Inasmuch as this water is used not only by the officers occupying rooms here but also by hundreds of our citizens in times of entertainments, we would recommend that the tank

in the tower be dispensed with and the water taken directly from the main.

Respectfully submitted,
Chas. A. Fairbanks, M. D.,
James Fogerty,

C. M. Jones,

Board of Health.

ΟF

THE EXECUTIVE OFFICER

BOARD OF HEALTH.

To the City Councils of the City of Dover:

The sanitary officer herewith submits his report for the year 1891.

The system of regular inspection of the city has been carried on as usual.

PREMISES INSPECTED.

Dwelling houses	1478
Stores	103
Hotels	5
Shoe shops	6
Slaughter houses	2
Offensive sewers	43
Refuse dumps	4

A great many complaints have been made of offensive sewers and in most cases they were found as represented.

Until there is some system of flushing this evil will exist.

CONTAGIOUS DISEASES.

The following table will show the number reported by physicians:

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Diphtheria,	0	4	0	О	4	0	О	О	1	10	5	3
Scarlet Fever,	0	0	0	I	0	0	1	1	4	1	2	0
Typhoid Fever,	0	0	-1	2	I	0	0	2	О	0	Ι	2

The work of placarding the houses and isolating the affected families and providing for their wants, has taken much time. In most cases four visits have been made per day.

DEAD ANIMALS BURIED.

Dogs	104
Swine	4
Cats	53
Horses	3
Hens	8

The general dumping ground is on the city farm. We get from there less complaints than from any other locality. Occasionally irresponsible persons will dump objectionable matter which will cause complaint. The dumping ground is on low waste land but after it is filled it will be of some value for tillage purposes.

COLLECTING ASHES AND RUBBISH.

I cannot too strongly recommend the continuance of the ash and rubbish collecting as a sanitary measure. It tends to keep yards and premises much cleaner than before the work was undertaken and is so popular with the citizens that they would be unwilling to have it discontinued. The attention of the householders ss especially requested to the necessity of keeping ashes and swill in seperate barrels and providing covers to keep out rain, also to prevent freezing.

VAULTS AND CESSPOOLS.

The board of health during the year has made some investigation as to the propriety of a change in the method of collecting night soil. While the old method is in better condition than formerly, still it is far from being satisfactory. The odorless process has been in use and has done satisfactory work. The only hindrance to its general use is the rates charged.

It is for you, gentlemen of the City Councils, to decide what the rates shall be if an exclusive privilege is given which the proprietors ask for.

Found on inspection the following class of nuisances:

Filthy cellars	44
Hog pens	8
Filthy yards	58
Dogs in cellars	4
Hens " "	2
Manure heaps	6
Sewer obstructions	I 2
Vaults overflowing	ΙI
Improperly constructed vaults	9
Filthy privies	38
Slops and filth thrown on earth	2 I
Water closets in bad order	10
Waste pipes not trapped	16

Wet cellars	
WORK DONE BY HEALTH WAGON.	
Loads of ashes and rubbish collected Sewers flushed	, 0

courtesies shown.

I take this method of thanking the street department for

Respectfully submitted, C. M. Jones, Executive Officer, Board of Health.

DOVER WATER WORKS.

JOSEPH W. CATE, PRESIDENT. ARTHUR G. WHITTEMORE. CHAS. A. FAIRBANKS, CLERK.

W. D. TAYLOR, SUPERINTENDENT.

Water Commissioners:

June 14, 1888, election of first Board of Water Commissioners.

CHARLES A. FAIRBANKS, Term expired May 1, 1889.

JOSEPH W. CATE, " May 1, 1890.

ROBERT G. PIKE.*

ARTHUR G. WHITTEMORE, " May 1, 1891.

CHARLES A. FAIRBANKS, Term expires May 1, 1892.

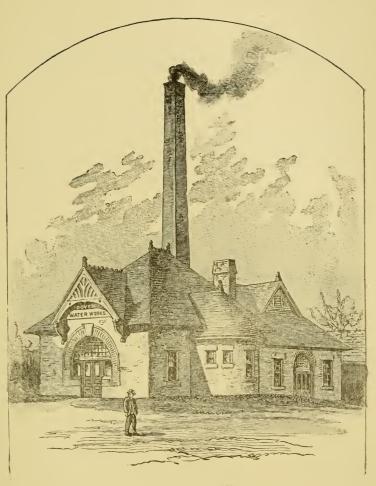
JOSEPH W. CATE, " May 1, 1893.

ARTHUR G. WHITTEMORE, " May 1, 1894.

CHARLES A. FAIRBANKS, " May 1, 1895.

^{*}Resigned July 5, 1888; succeeded by Arthur G. Whittemore.





PUMPING STATION.



Water Commissioners' Report.

To the City Councils of the City of Dover:

Gentlemen:—In accordance with the duty prescribed by the city ordinance, we hereby submit to you the fourth annual report of the Board of Water Commissioners, for the year ending December 31, 1891.

FINANCES.

A detailed statement of the receipts and expenditures of this department for the year is hereunto annexed, marked appendix "A," and made a part of this report.

It will be seen, upon examination of the same, that the amount received from all sources (including balance of \$2,-896.48 from last year's account), is \$31,153.48: and the expenditures have been \$27,940.12.

There is a balance December 31, 1891, of \$3,213.36 in the hands of the City Treasurer.

By reference to the items in the general expense account by sub-divisions it will be seen that out of the earnings of the system \$5,380.29 have been expended for extensions and improvements, viz:

Conduit line, and direct connection	\$494 49
Collecting gallery	526 48
Distributing piping	2,890 52
Garrison Hill embankment	485 00

Pumping station	7 45
Service pipes	926 77
Walkway at pumping station	49 58
Total	\$5,380 29

It will thus be seen that the plant has been improved to the above amount without any increase in the indebtedness.

We expect during the coming year to be obliged to make extensions of the water mains as the department has now on file several applications for water on streets not heretofore supplied. As soon as we are satisfied that the income from any one of such applications will equal six per cent. on the cost, the extension will be made.

WATER SUPPLY AND PROTECTION OF THE SAME.

After a careful survey of the springs on the Hussey farm, being satisfied that there was a large amount of spring water that could be utilized in supplying the system, we, in May, forwarded to the City Councils a recommendation that the city purchase the farm, and on July 10, by vote of the Councils, the County Commissioners were called to assess the value and on August 19 said land was condemned and became the property of the city.

We immediately took steps to increase the supply of spring water by constructing a collecting gallery thereon, a description of which will be found in the Superintendent's report and marked appendix "B" hereto annexed.

The supply derived from this source, so far as has been developed, exceeds our expectations, and it will be the policy of the commission to still further increase this source of supply from time to time as the consumption of water increases.

The amount of water that we are collecting from this source has enabled us to discontinue entirely the use of Willand pond. Notwithstanding this additional supply and the fact that no water at the present time is drawn from the pond, we are mindful of the fact that this pond is, and will ever remain, the reserve supply of the system, and every precaution ought to be taken to protect it from contamination.

At the last session of the legislature we procured the passage of the following act:

An act to prevent the pollution of Willand pond, situated in the city of Dover and the town of Somersworth, the water of which is used by the city of Dover for domestic purposes.

Be it enacted by the Senate and House of Representatives in General Court convened:

Section 1. No person shall bathe in Willand pond.

SEC. 2. No person shall drive a team on the ice or into the water of Willand pond.

Sec. 3. The preceding section shall not apply to persons engaged in cutting or harvesting ice from such pond or in hauling logs, wood or lumber, across the same on the ice.

SEC. 4. Any person violating any provisions of this act shall be fined not exceeding twenty dollars (\$20.00).

Sec. 5. This act shall take effect upon its passage.

Approved February 25, 1891,

That we might have the full benefit of this law we asked of the City Councils for the appointment of a special officer to serve during June, July, August and September, to enforce its provisions, but no action has yet been taken. In the report of this Board in 1889, we made the following recommendation:

"The city has the right to condemn land about the shores of Willand pond, and as this has become a permanent source of supply for our water system, we would recommend that immediate steps be taken to condemn land there to obviate any possible danger from the contamination of this source of supply; the expense of this being much less now than it may be at some later date when the land may become occupied."

This has not yet been acted upon.

We believe that this question should receive your early consideration, and we renew our recommendation.

LITIGATION.

At the February term the supreme court approved our account with Daniel Dacey and discharged all the trustee suits against the city on account of the same.

The suit of John H. Leavitt for damages on account of caving in of the upper well, was tried at the September term of the supreme court.

There was a disagreement of the jury and the case is now before the court on questions of law.

GARRISON HILL EMBANKMENT.

By an arrangement with your committee on park, we filled the depression left by the removal of the skating rink, graded and grass-seeded the slopes, they contributing from their appropriation a portion of the expense and agreeing hereafter to maintain all that part of the park outside of the reservoir fence.

DIRECT CONNECTION.

As the system was dependent on our pumps for its supply we were anxious to protect the city from the possible danger of the pump becoming disabled, and this has been accomplished by making a direct connection between the conduit line and main pipe which supplies the city, and this will enable us to keep up the domestic supply by gravity and hold the water in reserve on Garrison hill for fire protection, should an accident ever occur.

In closing we would congratulate the citizens on having and owning a water system self sustaining and capable of furnishing an abundant supply of good water for domestic use and fire protection in the dryest of seasons, as has been fully demonstrated during the past year.

Respectfully submitted,

JOSEPH W. CATE,
A. G. WHITTEMORE,
CHAS. A. FAIRBANKS,
Water Commissioners.

Dover, N. H., Dec. 31, 1891.



APPENDIX A.

RECEIPTS AND EXPENDITURES OF DOVER WATER WORKS FOR 1891.

Indevieuness.
Notes due Strafford Savings Bank, bearing 4 1-4 per cent. interest
Resources.
Balance from 1890
tendent 28,257 00
\$31,153 48
Expenditures.
Total expenditures for 1891 \$27,940 12
Balance to new account
GENERAL EXPENSE ACCOUNT BY SUB-DIVISIONS.
Damages and Litigation.
Damages, real estate and litigation \$692 82
Interest.
Interest \$15,075 00
General Account.
Office expenses

Maintenance.

General	\$3,352 82
Distribution piping	505 60
Pipe shop	93 52
Pumping station	2,376 74
Service pipes	16 40
Conduit line	21 02
	\$6,366 10
Construction.	
Meters and meter service	\$391 66
Extensions and Improvements.	
Collecting gallery	\$526 48
Conduit line, direct connection and weir	494 49
Distribution piping	2,890 52
Garrison Hill embankment	485 00
Service pipes	926 77
Pumping station	7 45
Walkway at pumping station	49 58
	\$5,380 29

APPENDIX B.

REPORT OF THE SUPERINTENDENT.

TO THE BOARD OF WATER COMMISSIONERS:

Gentlemen:—I have the honor to present herewith my fourth annual report, for the year ending December 31, 1891.

SUPPLY.

From January 1, 1891, until the completion of the new collecting gallery on October 27, the supply was obtained from the collecting wells and springs located in the original purchase of land in the Hussey field, and springs in the receiving basin, supplemented at intervals by a small stream from Willand Pond.

Soon after the city came into possession of the Hussey Farm, by your order I constructed a collecting gallery, located three hundred feet west of the large well, and at the foot of the hill. It is built of wood, one hundred and seventy-eight feet long, five feet wide, and nine feet deep, with pitch roof.

Three hundred feet of 10-inch cast iron pipe connects the gallery with the 12-inch conduit line at the upper well; its yield is estimated to be one hundred and twenty-five thousand gallons in twenty-four hours.

The quality of this water is excellent, and the quantity can be largely increased by extending the gallery some three hundred feet further west. Since the completion of the collecting gallery, the supply has been obtained from the wells, springs and gallery without drawing from the pond.

By reason of the long extended drouth we have had during the past summer, no better test of the yield of water in the locality of the wells and springs could be desired, and the result is very satisfactory; very slight, if any difference could be detected.

The quality of the water used during the year has been very satisfactory.

CONDUIT LINES.

Several improvements have been made on this part of the system.

The gate controlling the eight inch inlet to Willand Pond, and located in the screen well near the shore of same, has been replaced by a new one. put on September 12. The manner of delivering the water into the receiving basin has been changed, and instead of the water in the conduit line running direct to the pumps while pumping is in operation, and when the pumps are stopped flowing through the 12-inch, by-pass into the suction from the basin, entering the basin at the bottom of same, all the water is run to a weir, built in the slope on the north side of the basin.

The weir is built of brick and cement, with granite cap stones, its dimensions five feet long, ten feet wide, and six feet deep. The spill way is two feet above the high water line, the water falling in a thin sheet and running down the paved slope into the basin, thus æorating the water and also causing all sand and sediment to settle in the bottom of the weir and basin.

The pumps are fed direct from the receiving basin.

The original plnn is still intact, and can by the opening of one gate and closing another, be put in operation.

A direct connection, between the conduit line and the force main, has been made near the pumping station, whereby in case of the breaking down of the pumping machinery the reservoir on Garrison Hill can be shut off and held in reserve for fire purposes, and the city supplied for domestic use by gravity. Three 12-inch gates have been set, two at the weir connection and one on the direct, making the total number of gates in use on the conduit lines up to date sixteen.

RECEIVING BASIN.

A fourteen-inch overflow pipe has been put into the receiving basin, starting at high water level on the south slope, and running into the well near the pumping station, and from there fifty feet of 16-inch pipe emptying into an open trench, discharging into the brook west of the coal shed.

The basin has been drawn off and cleaned at various times during the season: it has needed no repair, and is in excellent condition.

PUMPING STATION.

A r \(\frac{1}{4}\)-inch service pipe has been put in, connecting the main above the check valve with the force main at the pumps.

The brick work around the boilers has been repaired, the coal shed leveled up, and the foundation put in good condition; the doors and window frame painted, the floor of the engine room varnished, a storm door put on the east entrance, a covered walkway connecting the boiler room with the coal shed built, and the approach and grounds have been kept in good order.

Engineer Frank Y. Fisher who has charge of the pumps

and machinery deserves commendation for the neat and satisfactory condition in which the pumping station is kept.

As will be seen by the engineer's monthly record, the total number of gallons pumped for the year were 193,060,966.

Average number of gallons per day 528,931.

RESERVOIR.

On April 24 the reservoir was shut off, the water all drawn out and given a thorough cleaning, all the collection of sediment was hoisted out, by means of a temporary windlass constructed for that purpose. Pumping into it was resumed on April 26, the city being supplied during the interval by direct pumping.

The reservoir has needed no repair and is in excellent condition.

DISTRIBUTION PIPE.

(Including Gates and Hydrants.)

During the year construction on this part of the system consists of 36.5 feet of 6-inch pipe, one 6-inch gate and one hydrant, located on Washington street, near the Print Works store house.

The 6-inch blow-off pipe on Washington street, near and west of the P. & D. R. R., being of no practical use, has been taken out.

The whole number of feet of distribution pipe laid to date is 115,163.8, or 21 miles and 4,163.8 feet.

The position of two hydrants have been changed, the one on Waldron street between Fayette and Green from north to south side of the street; and the one on Central avenue in front of the city building, to conform with the new line of curb.

In the month of May, all the hydrants were repainted.

At the fire which occurred on January 26, in a house on Sonnet street, the hydrant located on George street, near the corner of Sonnet street, was found to be frozen; immediate steps were taken to prevent the recurrence of this condition.

All the hydrants located in wet and poorly drained parts of the city were provided with new tops, with apparatus for closing the drip, thus preventing the ground water from entering the hydrants, and assuring their safety from frost.

For the particular benefit of the fire department, I have prepared a list which will be found annexed, giving the location, size of main, and pounds pressure of all hydrants connected with the system and owned by the city. They have all been flushed, the nozzles oiled, and carefully inspected.

The total number of hydrants in use to date are 157.

SUMMARY OF DISTRIBUTION PIPING.						
Size.	Previously Reported.	Laid in 1890	Laid in 1891	Total.		
16-inch 14-inch 10-inch 8-inch 6-inch 4-inch 3-inch	5,766.2 2,963.9 5,737.3 29,648.2 57,020.4 10,680.2 730.0	749.8 1,711.3	36.5	5,766.2 2,963.9 5,737.3 30,398.0 58,768.2 10,680.2 730.0		
Totals	112,546.2	2,461.1	36.5	115,043.8		

SUMMARY OF HYDRANTS.

Pattern.	Set in 1888-9	Set in . 1890	Set in 1891	Total.
Ludlow,	149	4	I	154
Total,	152	4	I	157

REPAIRS ON DISTRIBUTION PIPE.

There have been during the year 24 leaks discovered and repaired; date, size of pipe, location and cause of same as follows:

Size in inches.			Location.	Cause.	
Mar.	10,	6	Prospect, near Washington.	Bad joint.	
"	11,	8	Washington, near Green House.	"	
"	17,	16	Central avenue, at B. & M. R. R.	**	
66	24,	4	Kirkland, near Locust.	"	
"	26,	6	Court, at corner of Pidgin.	"	
66	27,	4	Horne, at end of street line.	Frost.	
66	28,	4	Payne, near Niles.	Joint.	
"	31,	4	Lincoln street.	"	
Apr.	15,	6	Hydrant branch, Central square.	"	
"	16,		Payne, near George.	"	
May	7,	. 8	Central ave. near Bellamy river.	"	

Size in ches.		Size in inches	Location.	Cause.	
May	21,	6	Maple, corner of Ash.	Joint.	
"	21,	8	Ash, near Maple.	66	
July	8,	6	Fourth, near Central avenue.	46	
"	9,	6	Nelson, near Locust.	66	
"	9,	6	Payne, near Central square.	44	
66	31,	6	Mt. Vernon, near Sixth.	44	
Aug.	20,	8	Chapel, at Mechanic.	44	
"	20,	16	Central avenue, near Oak.	46	
Sept.	16,	16	Central avenue, at B. & M. R.	R. "	
Oct.	9,	4	Demeritt & Burnham's court.	6-inch plug out	
66	16,	8	Mt. Vernon, near W. T. Martin	's. Joint.	
"	27,	6	Park, at Dover.	66	
Nov.	7,	16	Ascension avenue.	66	

Total number, 24.

SUMMARY OF GATES ON DISTRIBUTION PIPE.

Size in inches.	Set in 1888-9	Set in 1890	Set in 1891	Total.
16	6			6
14	8			8
10	11			ΙΙ
8 6	48	I		49
4	139	1	1	28
Total,	240	2	I	243

SERVICE PIPES.

During the year I have cement lined 3,000 feet of 1-inch wrought iron pipe.

Sixty-seven new services have been laid, as against 61 laid in 1890.

The total number of services laid to date, is 1,528.

Number of feet laid in 1891, 3,929 and 4 inches.

Number of feet of service to date, 69,162 and 3 inches or 13 miles,1,522 feet and 3 inches.

The size, kind and number of feet of service pipe laid in 1891, is as follows:

Size.	Kind of Pipe.		No. of Feet.			
ι inch,	Wrought iron, cement-lined,	3,639	feet,	10 inches.		
I "	Wrought iron, plain,	81	46			
1 ½ "	Wrought iron, plain,	18	66			
11 "	Wrought iron, galvanized,	33	46			
4 "	Cast iron,	125	**	8 inches.		
6 "	Cast iron,	31	4.6	10 "		
	Total,	3.929	feet.	4 inches.		

SUMMARY OF SERVICE PIPE.

Size.	Kind of Pipe.		Laid in 1890		Total.
ı in.	Wrought iron, cement lined,	ft. in. 59,146 3	ft. in. 3,319 9	ft. in.	ft. in. 66,105 10
I	Wrought iron, plain,			81	81
I I·4	Wrought iron, cement lined,	1,053 0	1,073		2,126 6
I I-4	Wrought iron, plain,	1		18	18
I I-4	Wrought iron, galvanized,			33	33
I I-2	Wrought iron, galvanized,	206 11	91 8		298 7
I I-2	Wrought iron, tarred,		47		47
2	Wrought iron, tarred,		227 2		227 2
3	Wrought iron, tarred,		10 8		10 8
4	Cast iron,		57	125 8	182 8
6	Cast iron,			• 31 10	31 10
		60,406 8	4,826 3	3,929 4	69,162 3

Three new one and one-half inch valves have been put on to the stand pipes to replace leaky ones, and the drinking fountains have been cared for.

METERS AND METER SERVICE.

On December 31, 1890, there were 122 meters in use; the number set in 1891, 34; taken off, 1; number of meters in use Dec. 31, 1891, 155; owned by water takers, 136; owned by water department, 19.

SUMMARY OF METERS IN USE DEC. 31, 1891.

	Sizes.				
Pattern.	2 inch.	ı inch.	3-4 in.	1-2 in.	Total.
Crown	I	2	23 11 2	89 25 2	113 36 6
Total.	1	2	36	116	155

Classification of meters in use December 31, 1891, as follows:

Dwelling houses	113
Store buildings	15
Hotels	3
Shoe factories · · · · · · · · · · · · · · · · · · ·	5
Mills	4
Printing offices	2
Laundries	2
Gas works	I

Electric station	I
Green house	I
Livery stable	I
Bank	I
Post Office	1
Court house	I
Jail	I
Soap factory	I
Wharf	I
School house	I
Total	155

RECEIPTS.

I herewith submit a statement of cash received from all sources from January 1, 1891, to December 31, 1891.

RECEIVED.

Water	rates,	due	January 1, 1889	\$8	7.5
"	"		July 1, 1889		48
"	"	66	January 1, 1890	168	
"	"	"	July 1, 1890	907	O
"	66	44	January 1, 1891		
"	"	"	July 1, 1891	9,163	85
4.6	"	"	January 1, 1892	926	35
Meter	advar	ices.	• • • • • • • • • • • • • • • • • • • •	202	40
Meter			• • • • • • • • • • • • • • • • • • • •	545	45 /
Repair	of m	eters	• • • • • • • • • • • • • • • • • • • •	17	467
Stock	and la	bor.		457	78
Service	e pipe	S		658	60
Rent	of hyd	lrant	5	4,500	00
				\$28,053	55

Balance on hand January 1, 1891	\$240 05
	\$28,293 60
Paid City Treasurer	18,257 00
Balance on hand December 31, 1891	36 60
	\$28,293 60

The following statement shows the full amount of money received from all sources to January 1, 1892.

RECEIVED.

Water	rates,	due	January 1, 1889	\$6,416 73
46	66	66	July 1, 1889	8,391 78
66	44	66	January 1, 1890	10,727 34
66	66	66	July 1, 1890	9,523 75
66	44	66	January 1, 1891	11,001 68
44	44	6.6	July 1, 1891	9,163 85
66	"	66	January 1, 1892	926 35
Meter	advan	ces.		839 52
Meter	S			2,299 99
Repai	r of m	eter	s	17 40
Stock	and 1	abor		1,806 25
Servic	e rate	S		5,447 77
Rent	of hy	drant	S	12,661 67
				\$79,224 08
Paid (City T	reasi	ırer	79,187 48
Balan	ce on	hand	December 31, 1891	36 60
				\$79,224 08

Appended is a corrected list of all the hydrants, the size of main, location and pounds pressure; also an inventory of tools and material on hand January 1, 1892.

Respectfully submitted,

WILLIAM D. TAYLOR,

Superintendent.

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LIST OF HYDRANTS.

Size	111	inches. Location. Lbs. press	ure.
I	8	Arch street, at corner of West Concord	74
2	8	Ash street, near Mt. Vernon	87
3	8	Ash street, corner of Maple	89
4	6	Atkinson street, near residence of J. S. Abbott,	96
5	6	Atkinson street, at corner of Nelson	81
6	6	Atkinson street, at corner of St. Thomas	96.
7	6	Baker street, near the culvert	93
8	8	Belknap street, near Nelson	75
9	6	Belknap street, at corner of Hamilton	7 I
10	8	Broadway, near New York street	99
11	8	Broadway, at corner Winter street	91
I 2	8	Broadway, at corner of Ham street	94
13	8	Broadway, at corner of Baker street	85
14	8	Broadway, north of Hill street	84
15	6	Cataract avenue, opposite Welch school	90
16	16		55
17	16	Central ave., near Cyrus Littlefield's residence	55
18	16	Central ave., opposite D. Langlands' residence	56
19	16	Central avenue, near Hill street	82
20	16	Central avenue, at corner of Oak street	80
2 I	16	Central avenue, near Hough street	85
22	1 6	Central avenue, opposite Milk street	83
23	16	Central avenue, at Sixth street	89
24	16		88
25	16		88
26	14	· · · · · · · · · · · · · · · · · · ·	91
27	14		100
28	14		101
29	14	Central avenue, at corner of Washington street	103

Size	111 11	nches.	Location.	Lbs. press	ure.
30	10	Central	square, near Payne street		103
31	ΙO		avenue, front of City building		98
32	10	Central	avenue, front of First Parish	n church	84
33	10	Central	avenue, between Kirkland	and Angle	
			S		92
34	10		avenue, between Kirkland		
			S		96
35	8		avenue, at corner of Union s		81
36	8		avenue, between Silver a		
			S		84
37	8		avenue, south of South Pine		77
38	S		avenue, opposite Pine Hill o		7 I
39	8		avenue, at corner of Stark a		7 I
40		Central	avenue, between Stark a	venue and	
		Locu	st street		79
.4 I	8	Central	avenue, at Locust street		81
42	8		avenue, corner of Cataract		84
43	8	Central	avenue, near Bellamy river.		97
44	8	_	street, at Mechanic		90
45	8		street, near Central avenue.		88
46	8		street, at Sawyer woolen mi		95
47	6		it street, at corner of Fourth		88
48	6		it street, at High school hous		98
49	6		street, opposite Middle		86
50	6		o street, corner of Rogers		100
5 I	6		o street, between Portland a		100
52	6		treet, corner of Pidgin		88
53	6		treet, between Union and So		82
54	6		treet, at entrance to cemeter		78
55	6		g street, between Folsom and		75
56	6		treet, between Park and Ea		89
57	6	East Br	ick street, between Twombly	and Pierce	93

Size	1II	inches. Location. Los. press	ure.
58	6	East Brick street, between Twombly and Cen-	
		tral avenue	89
59	6	,	73
60	4	Fifth street, between Grove and Chestnut	88
61	4	Fifth street, near Railroad	88
62	6	First street, west of Chestnut	95
63	6	First street, between Chestnut and Central ave-	
		nue	100
64	6	Fisher street, corner of Locust	78
65	6	Fisher street, west of Elm	77
66	6	1	91
67	6	Forest street, north of Hancock	90
68	6	Forest street, between Hancock and Essex	90
69	6	Forest street, corner of Essex	90
70	6	Fourth street, near Cochecc river	87
7 I	6	George street, corner of Sonnet	113
72	S	Grove street, corner of Fourth	87
73	8	Grove street, corner of Second	90
74	8	Grove street, opposite Lincoln	87
75	6	Grove street, between Hough and Sixth	91
76	6	Ham street, opposite East	93
7.7	6		
		Sonnet	98
78	6		72
79	6		72
80	6	Hill street, at culvert	94
81	6	Hough street, at corner of Maple	90
82	6	Hough street, corner of Mt. Vernon	89
83	-4	7 # #	96
84	6	8	70
85	8	· · · · · · · · · · · · · · · · · · ·	98
86	8	Locust street, between Church and Nelson	87

Size	in	inches. Location. Lbs. press	ure.
87	6	Locust street, opposite Spring	77
88	6	Locust street, between Fisher and Burnham	
		and Demeritt's court	77
89	16	Lowell avenue, near pumping station	69
90	6	Locust street, at Burnham and Demeritt's court	77
91	S	Main street at corner of Chapel	92
92	8	Main street, at corner of School	94
93	S	Main street, opposite Young	103
94	6	Mill street, opposite Sawyer dye house	100
95	6	Mill street, at Sawyer lower mill	97
96	6	Mt. Vernon street, between Mineral and Low-	
		ell avenue	55
97	6	Mt. Vernon street, opposite Milk	87
98	6	New York street, at corner of Park	89
99	6	New York street, at corner of East	94
100	4	North Pine street, at corner of Durell	89
101	6	Orchard street, at corner of Fayette	95
102	6	Orchard street, opposite Myrtle	97
103	6	Park street, between Ham and Hill	86
104	6	Park street, between Ham and Dover	86
105	6	Payne street, corner of Williams	III
106	6	Payne street, between Williams and George	114
107	6	Payne street, corner of Hanson	106
108	6	Payne street, between Hanson and Niles	86
109	6	Payne street, opposite Niles	77
110	4		69
111	S	Portland street, at Chapel	96
I I 2	6	Portland street, at corner of Cocheco	107
113	8	Portland street, between Essex and Rogers	90
114	8	Portland street, opposite Hancock	93
115	6	Prospect street, at end of street	72
116	6	Rogers street, between Portland and Cocheco.	90

Size	in	inches. Location. Lbs. press	ure.
117	6	Rutland street, south from Silver	71
118	6	Richmond street, near West Concord	68
119	8	Second street, between Chestnut and Central	
		avenue	92
120	8	Second street, corner of Chestnut	93
121	10	Silver street, corner of Locust	78
122	10	Silver street, between Elm and Atkinson	75
123	10	Silver street, corner of Belknap	7.1
124	10	Silver street, corner of Rutland	71
125	ΙΟ	Silver street, opposite Arch	69
126	6		7 I
I 27	6		73
128	8	Sixth street, between Grove and Mt. Vernon	94
129	8		97
130	8	,	96
131	8	Sixth street, corner of Chestnut	92
132	6	South Pine street, near Court	74
133	6	South Pine street, near Central avenue	76
134	6		55
135	6	St. Thomas street, corner of Walnut	100
136	6	Summer street, between Elm and Locust	77
137	6	Summer street, between Elm and Belknap	73
138	6		88
139	6	Third street, between Chestnut and Central	
		avenue	88
140	4		95
141	6	,	87
142	6	Waldron street, between Walnut and Central	
		avenue	93
143	6	· · · · · · · · · · · · · · · · · · ·	95
144	6	, , , , , , , , , , , , , , , , , , ,	101
145	8	Washington street, corner of Water	114

Size	in	inches.	Location.	Ι	bs. pres	sure.
146	8	Washington	street, opposite	Main		III
147	8	Washington	street, west of	old bridge.		III
148	S	Washington	street, east of (Central squa	re	103
149	ΙΟ	Washington	street, corner o	f Walnut		99
150	ΙΟ	Washington	street, corner o	of Myrtle		102
151	10	Washington	street, near Be	lknap		94
152	S	Washington	street, opposite	Cushing		84
153	8	Washington	street, at Arch			72
154	8	Washington	street, opposit	e Richmon	d	73
155	8	Washington	street, corner	of Prospect		72
156	S	Washington	street, near Da	vis' green h	ouse	73
157	4	Watson stre	et, opposite cen	netery		54

INVENTORY.

PUMPING STATION.

- 20 pounds of soda ash.
 - ı axe.
 - 2 buckets.
 - 2 boilers, 80 horse power.
 - 4 brooms.
- 120 pressed bricks.
- 66 fire bricks.
- 500 common bricks.
 - 15 wheel barrows, wood.
 - 1 iron wheel barrow.
 - 1 work bench.
- 159 tons of coal, soft.
 - 1 clothes closet.
 - ı oil closet.
 - 4 chairs.

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- r five-gallon oil can.
- 2 one-gallon oil cans.
- 4 lamp chimneys.
- ı desk.
- 1 Bowker & Tripp steam damper.
- r compound, condensing, duplex pumping engine, Blake.
- 1 air pump and condenser.
- 4 lantern globes.
- 4 carpenter's horse benches.
- 100 feet of three-fourth-inch rubber hose.
 - 1 branding iron, D. W. W.
 - I one quart jug of polishing oil.
 - barrel kaolin.
 - 3 step ladders.
 - 1 ladder, 18-feet.
 - 1 ladder, 10-feet.
 - 3 wall lamps.
 - 2 large lamps.
 - 3 lanterns.
 - 25 gallons of cylinder oil.
 - 40 gallons of machinery oil.
 - 4 gallons of kerosene oil.
 - 10 pounds of three-eighth-inch, 8 pounds of one-half-inch and 7 pounds of five-eighth-inch fibrous packing.
 - 3 water pails.
 - 1 sprinkling pot.
 - r oil pump.
 - 1 double-acting-boiler feed pump.
 - ı pick.
 - r flue scraper.
 - 75 springs for pump valves.
 - 2 scoop shovels.
 - 1 long-handle shovel.

- I saw.
- 1 sink.
- ½ bunch shingles.
- 2 school slates.
- 2 forty-five gallon oil tanks.
- 75 pounds cop waste.
 - 1 1-2 cords of pine wood.
 Furnace tools.
 Wrenches.

PIPE SHOP.

- 43 five-eighths-inch coporations.
 - 2 one and one-half-inch corporations.
- 54 one-inch stop and wastes.
- 108 one-inch stop and wastes, damaged.
 - 3 one-half-inch sidewalk stop.
 - 3 one-inch sidewalk stops, damaged.
 - 1 three-fourths-inch sidewalk stops, damaged.
 - 2 four-inch valves, second hand.
 - I one and one-half-inch valve.
 - 1 hose valve.
 - 3 one-half-inch valves, damaged.
 - 1 three-inch valve, Ludlow.
 - 45 one and one-fourth by one-inch tees, galvanized iron.
 - 9 two by two-inch tees, malleable iron.
 - 1 two by one-inch tee, malleable iron.
 - 1 two by three-fourths-inch tee, malleable iron.
 - I one and one half by one-inch tee, malleable.
 - I three-fourths by one-half-inch tee, malleable.
 - 5 three-quarters-inch tees, malleable.
 - 34 one-inch tees, malleable.
 - 1 one inch cap, malleable.
 - 1 two by one-half-inch tee, cast iron.

- 16 one and one-fourth by one-inch tees, cast iron.
 - I two by one-inch tee, cast iron.
 - I one by one-half-inch tee, cast iron.
 - I one and one-half by one-inch ells, cast iron.
 - I one by three-fourths-inch ells, cast iron.
 - 2 two-inch ells, cast iron.
 - 5 two by one and one-half-inch ells, malleable.
- 11 two-inch ells, malleable.
- 26 one-inch ells, malleable.
 - 3 one and one-half-inch ells, malleable.
 - 8 one and one-fourth by one-inch ells, malleable.
- 20 one by three-fourths-inch ells, malleable.
 - 6 one and one-half by one-inch ells, malleable.
 - 9 three-fourths-inch ells, malleable.
- 41 three-fourths by one-half-inch ell, malleable.
 - 3 one-half-inch ells, malleable.
 - 2 one and one-fourth-inch one-eighth bends, malleable.
- 1½ barrels one-inch couplings.
 - 3 two-inch couplings.
- 6 one and one-fourth-inch couplings.
- 80 one-inch couplings, gasketted.
- 49 three-fourths-inch solder nipples.
- 14 three-fourths-inch corporation tail pieces.
- 200 three-fourths-inch thimbles.
 - 1 three-inch plug.
 - 10 two-inch plugs.
 - 6 one and one-half-inch plugs.
 - 9 one and one-fourth-inch plugs.
 - 44 one-inch plugs.
 - 43 three-fourth-inch plugs.
 - 6 one-half-inch plugs.
 - 1 three-eighth-inch plug.
 - 14 one and one-half by one-inch reducing couplings.

- 15 one and one-fourth by one-inch reducing couplings.
- 12 one by three-fourths-inch reducing couplings.
- 78 one by one-half-inch reducing couplings.
 - 2 three-fourths-inch right and left couplings.
 - I one-half-inch check valve.
- 10 pairs extension pipe tongs.
 - 6 Stilson wrenches fourteen to twenty-four inches.
- 4 pipe cutters.
- 5 monkey-wrenches.
- 4 die stocks.
- 25 two-inch to three-eighth-inch dies.
 - 7 diamond point chisels.
 - 3 cold-chisels.
 - 1 dog chisel.
 - 6 plug drills, for stone.
 - 6 hammers.
 - 1 portable forge.
 - 1 anvil.
 - 4 pipe vices.
 - machine for cement-lining.
 - I one-half-inch, I three-fourth-inch, I one-inch followers.
 - 2 pipe benchs, portable.
 - I grind stone.
 - 1 pipe cutting machine, Sanders.
 - I Hall tapping machine.
 - I Jones tapping machine.
 - 1 Newark tapping machine.
 - ı six-inch water pressure regulator.
- 45 feet of five-eighths-inch lead pipe, 3 pounds to a foot.
 - 1 Blow pipe and gas lamp apparatus.
 - 2 spirit levels.
 - 1 maşon's trowel.

- 1 paving hammer.
- 1 hand force pump.
- 2 bit stocks.

One-eighth to three-fourth-inch set bits.

- r extension bit.
- 1 two-hand cross cut saw.
- 3 hand saws
- 1 steel square.
- 1 jack plane.
- 7 pipe taps.
- 50 feet of rubber hose.
 - 1 two-inch auger.
 - 1 two and one-half-inch auger, pod.
 - 1 two-inch auger, pod.
 - I five gallon kerosene oil tank.
 - 2 two quart oil cans.
 - 1 quart lard oil.
 - $\frac{1}{4}$ keg of nails, mixed.
 - 1 spoke shave.
 - 1 solder kettle.
 - 1 branding iron, D. W. W.
 - 1 stamp, steel, D. W. W.
 - 5 gate keys.
 - 1 soldering pot.
 - 3 soldering coppers.
 - 1 tape line.
 - 5 files, some worn.
- 12 pounds of rubber packing.
 - 2 pounds of washer leather.
 - 2 small water gauges.
 - 1 writing desk.
- 13 lanterns.
 - 1 one-inch hose nozzle.

- I one and one-half-inch Hersey meter.
- 1 one-half-inch Hersey meter.
- 1 three-fourth-inch Crown meter.
- 1 one-half-inch Crown meter.
- 1 dust pan and brush.
- I office counter, from old office.
- 5 office chairs.
- 1 high stool.
- 1 stove, R. R. King.
- 1 small office stove.
- 10 pairs of rubber boots.
- 5 packing rings for hydrants.
- 4 drip closing hydrant tops.
- 8 common hydrant tops.
- 5 window screens.
- I sledge hammer.
- 5 drills for stone.
- 1 spoon, drilling.
- 3 crowbars
- I long steel testing bar.
- 6 cutting bars.
- 5 lantern stands.
- 18 picks.
 - 2 grubbers
 - 6 tampers.
 - 4 long handled shovels
- 24 short handled shovels.
 - 2 iron rakes.
 - 2 hay rakes.
 - 2 scythes and snaths.
 - 2 bull points.
 - π hoe.
 - 2 hay forks.

- 1 bailer, long handle.
- 2 eight-feet ladders.
- 12 feet of cable chain.
 - 1 tripod derrick.
 - 2 water pails.
 - 1 diaphragm pump.
- 28 feet of suction hose.
- ı axe.
- 1 hatchet.
- 1 adze.
- 1 sixteen-inch strainer, galvanized iron.
- 1 twelve-inch strainer, galvanized iron.
- 50 sidewalk box kevs.
 - 1 box of miscellaneous bolts and nuts.
 - 3 three-inch well points.
- 30 feet of three-inch pipe, heavy weight.
- 15 pounds of solder wire.
 - 3 pounds of bar solder.
- 20 pounds of corking yarn.
 - 2 pounds of powder.
 - 3 feet of fuse.
- 10 pounds of rosin.
 - 1 ratchet drill stock.
- 150 feet marking line.
 - 3 reamers, three-inch, three-and-one-half, and five-inch.

PIPE YARD.

- 2 sixteen-inch sleeves.
- 2 fourteen-inch sleeves.
- 3 twelve-inch sleeves.
- 5 ten-inch sleeves.
- 2 six-inch sleeves.

- 1 four-inch sleeve.
- 3 sixteen by six-inch tees.
- 2 sixteen by four-inch tees.
- 2 fourteen by four-inch tees.
- 2 ten by eight-inch tees.
- 5 ten by six-inch tees.
- 4 eleven by four-inch tees.
- 3 eight by four-inch tees.
- 9 eight by six-inch tees.
- I four by four-inch tee.
- 7 four by six-inch tees.
- eight by six-inch cross.
- 2 six by four-inch cross.
- 2 ten-inch, one-sixteenth bends.
- 3 four-inch, one-fourth bends.
- 1 six-inch, one-fourth bend.
- I fourteen-inch, one-sixteenth bend.
- 18 feet of fourteen-inch pipe.
- 56 feet of eight-inch pipe.
- 360 feet of six-inch pipe, twelve feet length.
 - 79 feet of six-inch, pieces.
 - 30 sidewalk boxes.
 - 1 six-inch gate box base.
- 500 pounds of scrap iron.

UPPER WELL.

- 36 feet of ten-inch pipe.
 - 2 ten-inch, one-sixteenth bends.

PUMPING STATION VARD.

- I fourteen-inch, one-sixteenth bend.
- 3 fourteen-inch, one thirty-second bends.

- I fourteen-inch, one-sixteenth bend.
- 1 fourteen-inch gate, Eddy.
- 1 fourteen-inch sleeve.

348 feet, (twenty-nine lengths,) sixteen-inch pipe. 1000 pounds of scrap iron.

AT STABLE.

- 1 horse.
- 1 harness.
- ı light express wagon.
- 1 traverse runner pung.
- ı democrat wagon.
- 2 horse blankets.

AUDITORS' REPORT.

Dover, N. H., February 22, 1892.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

The undersigned appointed to audit the accounts of the Water Department of the city for the year 1891 respectfully report as follows:

We have examined the books and accounts of the Commission as kept by Charles A. Fairbanks, clerk of said board, and find them properly kept, correctly cast and vouchers approved by the Commissioners.

We have examined the accounts of the Superintendent of said Water Works and find the same correct and proper vouchers for all payments made to the several departments.

We have also examined the books of the City Treasurer and find a balance in his hands of thirty-two hundred and thirteen dollars and thirty-six cents (\$32,013.36) Dec. 31, 1891, as per financial statement given to us by the Board of Water Commissioners.

R. N. Ross,
A. O. Mathes,
Auditors.

APPENDIX C.

MONTHLY RECORD OF PUMPING SERVICE.

1891—Month.	Gallons pumped.	Average per day.	Total coal in pounds.	Pumping in hrs. and min.	Days pumping.	Duty—Ft. lbs. with 100 pounds coal.
Jan.	14,686,717	473,765	42,916	172 20	28	46,818,000
	13,790,271	492,509	39,397	150 20	25	48,492,700
Mar.	15,524,804	500,800	40,113	171	26	47,771,700
Apr.	14,436,848	481,228	39.524	136 55	22	48,132,200
May	15,761,794	508,445	42,246	1.63 30	26	51,618,200
June	16,903,040	563,435	43,559	170 20	26	55,464,700
July	18,094,330	583,688	40,860	181 25	27	56,01 ,400
Aug.	19,344,590	624,019	49,445	211 55	26	54,244,600
Sept.	18,455,799	615,193	47,795	187 20	26	58,275,700
Oct.	17,293,613	557,858	46,684	187 5	27	52,116,700
Nov.	14,742,594	491,420	40,755	167	25	50,400,700
Dec.	14,066,566	453,760	40,352	143 5	24	48,403,500

193,060,966 6,346,120 513,646 2042 15 308



DOVER PUBLIC LIBRARY.

OFFICERS FOR THE YEAR 1891.

Trustees:

HENRY R. PARKER, Ex-officio, Mayor of the	City.
WILLARD T. SANBORN, ex-officio, President of Common Co-	uncil.
JAMES E. LOTHROP	1892
JOHN HOLLAND	1893
Martin S. Hutchings	1894
CHARLES H. SAWYER	1S95
JOHN B. STEVENS	1896
Joshua L. Foster	1897
THOMAS B. GARLAND	1898

President of the Board:

THE MAYOR.

Secretary:

J. B. Stevens.

Treasurer:

ISAAC F. ABBOTT.

Librarian:

CAROLINE H. GARLAND.

Committees:

Library—Parker, Sawyer.

Building and Appurtenances—Foster, Hutchings, Lothrop. Accounts and Finance—Holland, Garland.

TRUSTEES' REPORT.

TO THE CITY COUNCILS AND THE CITIZENS OF DOVER:

Another anniversary of the Dover Public Library has come and gone and we are now in the ninth year of its existence, whereupon it becomes the duty of the Board of Trustees to submit their ninth annual report. As we felt it incumbent upon us in our last report to refer in some detail to the origin, the progress and prospects of this institution in our charge, it will not be necessary to repeat the same in terms at the present time.

Since our last annual communication to the Councils and the public, the constituted agents of the city have completed new library rooms, and we are now very conveniently and comfortably housed therein. The public, who are the library patrons and its ready and willing support, are very much better accommodated than ever before. We believe these apartments to be very satisfactory. We hear no complaint, but on the other hand only the language of approval. Of course it cannot be expected that we shall have any such elaborate and comprehensive conveniences as some of the larger and more wealthy cities that have expended millions of dollars in public enterprises and benefits of this kind, but still it is admitted that in ease of access and management, cosy and comfortable arrangement, this "abode of books" answers all the requirements of our people, and, with only the natural increase of population and the consequent additional necessities, it will be ample for many years to come. When the time shall arrive that we need more room all required extensions can be easily made at small expense.

As in our last report, so now we desire to impress upon the people of our city the very great importance of this Free Public

Library, second to no agency of public instruction in our time. It supplies what can come from no other source, as must be apparent to every person of intelligent mind and thought. The books and other publications here to be found are the free and always ready instructors in every subject treated in our language, and all that any person has to do is to open and read, study and treasure in the mind that which is better than gold or all the jewels of earth. It is necessary that this simple fact should be constantly and forcibly impressed upon the public. To read, study and reflect is to acquire knowledge, without which man is but an animal and life a blank. The chief aim should be to reach the masses, the poorer people especially, for the rich can generally be relied upon to care and provide for themselves. The object of free public libraries and free public schools, and we may also say, of a well conducted public press, is education and the spreading of current information, and thus the universal equalization on the highest plane of intelligence for the purposes of good citizenship. To allow the poor in worldly goods to live in ignorance under our system of government, with its free suffrage for all, is to jeopardize the very existence of the State and the Republic. There can be no possible excuse for ignorance in regard to general and necessary subjects at the present day. The publication of newspapers and periodicals is enormous and constantly increasing. The increase of periodicals alone in the United States and Canada during the year 1891 was 1,613 different titles, a gain of about 9 per cent., or nearly three times the gain of population. It swelled the total number of separate titles up to 19,-273. At the lowest estimate of circulation, there were enough to furnish a monthly magazine to two families out of every three, a daily paper to every second household, and two weeklies to nearly as many families as there are in the United States and British North America. The total number of single copies of periodicals issued is large enough to give every man, woman and child, from Mexico to the Arctic ocean, more than sixty papers or magazines in a year. The rapid swelling of such figures shows an insatiable demand for reading matter. The periodicals displace nothing. More books are made and sold than ever before, and more libraries exist to make one copy do the work of ten or a hundred. The age is hungry for information, and it will not be satisfied with any allowance of reading matter yet reached or even approached.

What a marvelous progression from the publication of the first crude sample book in Paris in 1470, or 140 years later when Louis XIII caused his ordinances to be printed on parchment and posted in sixteen places in the city after they had been read at all the public street corners.

But intellectual culture should always be accompanied by good *moral training*, or it will fail of its proper results. It is the accepted fact with sound moralists and we believe it to be beyond successful contradiction, that correct *moral training* must go hand in hand with the culture of the schools and libraries, or the latter will not only fail of its true purpose, but the educated condition will be really worse than the uneducated condition, because the educated villain can be guilty of worse and more abhorrent conduct than one who possesses less ability for evil.

Vicious, unprincipled, educated demagogues, of whom there are always unfortunately too many, are sure to control and manage the ignorant and uninformed. The only preventive or remedy is universal education. *Compulsory attendance* of the public schools to learn the elementaries, the fundamentals of education, a knowledge of the language, its meaning and proper application, and then the public library

as the ready and constant recourse for storing the mind thus prepared, with all the important current knowledge of the times and making it familiar with the best thought of the best authors spread upon the pages of the books there to be found, is the true American system.

With these ideas in mind it is the constant aim of these Trustees to admit no books or publications of any kind into this library that are not up to the standard of the purest morality.

We refer with pleasure to the fact that the interest in free public libraries is on the increase everywhere, and public attention has become so aroused that the last legislature of our state was compelled to take hold of the subject and enact a law authorizing the establishment of these institutions in all the towns of the state. It is earnestly hoped that no town will neglect to avail itself of the benefits of this law. It is in the right direction, and cannot fail of the best results if put into the right hands where it will be properly managed.

These town libraries will prove, as all those heretofore established in the larger cities and places of this country have proved and are constantly proving, to be the great practical educators of the people who are outside of, or are through with the common schools, educators in good morals and good citizenship and better qualify them for the duties and responsibilities thereof, than they otherwise could be. We take the liberty to say that we regard this matter of educational development through the free public library as the main channel, but co-operative with other means, to be the one thing of transcendent importance, and no language can too strongly impress it upon the public mind.

And now while the Trustees say, in full knowledge of the facts, that the Dover Public Library is an indisputable success, yet we reiterate with emphasis what we said in our last

report, our urgent call upon the people of the city, without regard to class or condition, to make more frequent visits tothese rooms, not only that they may derive more benefits from the circulating books, but go to the reading room and spend more time there. They will find therein, and in the reference room connected with it, the richest gems of modern literature and pictorial and illustrated art. This apartment is ample in space, finely lighted and complete in all its appointments. The reference department is particularly good, and is being constantly replenished and made better. There is no place in the city where an hour or more can be so pleasurably and profitably spent as among the books, periodicals and papers in these rooms. And they are so easy of access as to actually invite an overflow of visitors. No stairs to climb, no dark entries or alleys to feel the way through, but a well lighted, well warmed, well furnished, home-like and exceedingly comfortable resort as can be found anywhere in the world, with polite and obliging attendants in charge, always ready to welcome and entertain whoever may appear.

In conclusion we commend this institution to the generous consideration of the City Councils and the people of the city, believing it to be worthy of all the support and encouragement which can possibly be bestowed upon it.

We append a financial statement as follows:

PUBLIC LIBRARY RECEIPTS, 1891.

Balance from Dec. 1, 1890	\$32 64
City of Dover appropriation for 1891	4,750 00
Note paid by Dover Gas Light Co	1,000 00
Interest received from Dr. Pray Fund	52 66

EXPENDITURES.

Binding	\$257 00
Books	953 94
Catalogue	200 00
Lights	171 54
Magazines	177 40
Miscellaneous expenses	143 56
Moving library	70 75
Printing and stationery	30 55
Rents and heating	387 83
Salaries	1,535 28
1	\$3,927 85
Balance on hand, Dec. 31, 1891	\$1,907 45
	\$5,835 30

For further particulars as to the growth of the library, the year's circulation, future wants, etc., we refer to annual report of the librarian herewith submitted.

Very respectfully,

H. R. Parker,
John Holland,
J. B. Stevens,
Charles H. Sawyer,
J. L. Foster,
M. S. Hutchings,
Thomas B. Garland,
James E. Lothrop,
C. W. Smith.

LIBRARIAN'S REPORT.

TO THE BOARD OF TRUSTEES OF THE DOVER PUBLIC LIBRARY:

The report of the work of the library for the year 1891 is herewith presented:

CASH ACCOUNT.

Receipts.

I	
Balance from 1891	\$138 82
Received from fines	138 58
Received from sale of catalogues	2 90
Received from sale of bulletins	90
	281 20
Expenditures.	
For incidentals	\$58 74
Cash on hand	222 46
	\$281 20
THE YEAR'S CIRCULATION.	
Books taken out for home use	55,201
Books consulted in the reference room	8,200
Number of visitors to reading and reference rooms	17,607
Number of days open to the public	305
Average daily circulation	181
Largest one day, Feb. 28	58o
Smallest one day, Dec. 15	43
Books lost in circulation	0
Number of persons registered during the year	463
Whole number registrations	5,675

These figures show an increase of about 2,000 over last

year's circulation, while the number of reading room visitors remains about the same.

There have been several new features of library experience the last year, first of which was the opening of the reading and reference rooms on Sunday afternoons. This occurred for the first time Jan. 18. The total Sunday attendance for the year was 485. The average was about 20, with 59 for its highest range and 1 for its lowest. The visitors have been for the most part of intelligent character, and are uniformly quiet in demeanor. There was such a falling off in attendance through the early summer that the rooms were closed through the Sundays in August and September, but were opened again in October.

The use of the library in connection with the public schools has been increased this year and has met with favor from both teachers and pupils. Several times the teachers have gathered at the library by the invitation of the librarian and have selected from a large assortment of young folks' books laid out for their inspection, those they considered helpful in their work and entertaining for their pupils. These books are taken to the public schools—each teacher having the privilege of taking ten at a time—and are there used by pupils under the direction of the teacher. No fiction is taken, but the books are in the line of natural history, biography, travel and U. S. history. This use of books is of great value to young readers and both teachers and scholars have expressed much interest and pleasure in the movement.

THE NEW CATALOGUE.

Preparation for the new catalogue began the first of the year. An extra assistant for circulation work was hired by the librarian that all her own time might be given to the cata-

logue work. Several departments of the library—science, useful arts, fine arts, and sociology were entirely re-classified, and fiction was re-arranged. This necessitated writing many thousand new cards and by the side of the new ones many of the old looked so soiled that it was necessary to re-write them. This was a long and laborious undertaking, but the result is practically a new card catalogue that is greatly to the credit of the library and that will be of service to the public for many years to come. It contains more than 35,000 cards.

These cards, after being carefully inspected as to capitals, punctuation, etc., as well as subject matter, were ready for the printer. Printing was begun on the last of September and carried on steadily. At the formal date of this report Dec. 31, 1891, it was about three-fourths completed. But it may not be out of place at the actual time of reading, Feb. 29, 1892, to add that the catalogue has now been on sale about a week. A little more than a hundred copies have been sold, and many persons have expressed commendation of its plan and execution.

GROWTH OF THE LIBRARY.

New books purchased	704
Volumes and pamphlets received by gift	695
Periodicals bound	76
Whole number of books and pamphlets, Jan. 1,	
1891	14,602
Whole number of books and pamphlets, Dec. 31,	
1891	16,077

The number of gifts received this year is far greater than any previous year, a sure sign that the library is growing in public esteem. The most valuable gift is the law library of the late Frank Hobbs consisting of 381 volumes. In this

collection are the first 57 volumes of New Hampshire Reports, and an almost complete set of the laws of New Hampshire, the first volume of which—the edition of 1697—is a rare and costly book. This law library is kept in an alcove by itself, easy of access and well lighted and from its present use it seems probable that its greatest value will not be to members of the bar, but to non-professional people who are looking up points of law for themselves.

THE NEW ROOMS.

In December came the event which had been contemplated for more than a year, the moving of the library to its new rooms in the city building. The carpenters finished the work in the new rooms the evening of Dec. 7, and on the morning of the 8th the work of moving began. A force of ten men and three express wagons were kept busy. The books were moved in regular order, and on Dec. 12, having been closed to the public two days, the library was opened in the new rooms.

These rooms have been found very pleasant and convenient. They give much better space for readers at the tables and for borrowers of books. There were many visitors at the very first, reception day bringing more than 500 persons. But since that time, the number is about the same as in the old rooms, some weeks even a little less.

The librarian is glad to report great faithfulness on the part of the library attendants. She would also thank the trustees for the kindness she invariably experiences at their hands.

Respectfully submitted,

CAROLINE H. GARLAND,

Librarian.

Dover, N. H., Dec. 31, 1891.

GIFTS.

		Pam-
	Vols.	phlets.
Authors	2	3
Barnard, C. N	I	
Bellamy Club	I	
Brookline Public Library		1
Concord Public Library		1
Dover, City of	1	I
Dover Historical Society		I
Durham Library Association		I
Fall River Public Library		1
Fletcher Free Library		£
Foss, Everett O	ī	
Friends' Society		1
Government	2 1 2	19
Griffis, Wm. Elliot		1
Harvard University		3
Heirs of Frank Hobbs	381	
Hoboken Free Public Library		I
Hussey, Frank D	I	
Lynn Public Library		I
Maimonides Library		1
Massachusetts Society for Prevention of Cruelty		
to Children		2
Milwaukee Public Library		1
Morse Institute		Ĭ.
New Hampshire	5	I
New Hampshire, through C. H. Horton	I	
New Hampshire Board of Health	5	5
Newark Free Public Library		1
Newberry Library		Ţ
North Adams Public Library		1

	Vols.	Pam- phlets.
Omaha Public Library		I
Paterson Free Public Library		1
Pawtucket Free Public Library		I
Portland Public Library		3
Portsmouth, City of		I
Providence Public Library		I
Redfield, H. A	3	
Reuben Hoar Library		I
St. Joseph Free Public Library		r
Salem Public Library		1
Silas Bronson Library		ī
Smyth, Frederick	I	
Stiles, N. E	I	
Taunton Public Library		I
Turner, A. R		2
Tuttle, John T. G	ΙI	
Waltham Public Library		ī
Watson, Irving A	I	
Wilmington Institute		I
Total	628	67

ANNUAL REPORT

OF

THE CITY PHYSICIAN.

To the City Councils of the City of Dover:

Gentlemen:—I hereby submit my report for the year 1891. I have vaccinated during the year 140 school children and have attended such cases of illness and injury as ordered by the overseer of the poor and the city marshal.

Much time has been given to consultations with the executive officer of the board of health in relation to questions pertaining to public health.

In the report of 1890 we recommended that there should be a more accurate and full report of vital statistics, and we then expressed the opinion that if the Councils would increase the compensation for a report of the births in addition to that which was provided by law, and increase the amount allowed the city registrar, the present and future would be benefitted: we still entertain that opinion.

Respectfully submitted,
Chas. A. Fairbanks, M. D.
City Physician.

HIGH SCHOOL,

DISTRICT NO. TWO.

In the Spring of 1851, it was announced that the High-school-house in district No. 2 would be ready for occupation in the ensuing Fall.

To Abner J. Nutter, at the Old Landing, Benjamin F. Libbey, at the Fourth street building, was committed the preparation of a class of forty-six.

LIBBEY'S PUPILS

So far as known.

Charles H. Huntress,
Russell B. Wiggin,
Charles F. Ham,
George E. Clark,
John B. Stevens, Jr.,
Gustavus H. Horne,
Hermon J. Smith,

Lucy Thayer, Susan E. Clarke, Lenora Thayer, Sarah Drown, Mary E. Durgin, Margaret Rand.

NUTTER'S PUPILS.

George K. Faxon, Augustus Littlefield, Joshua G. Flagg, Edward S. Twombly, Albert A. Gordon, Theodore Littlefield, Charles E. Varney, George W. Durgin, Wm. H. Neal, Albert A. Stackpole, Thomas W. Young, Charles H. Thompson, George S. Wendell, Edward Sawyer, Benjamin Gerrish, James Reynolds, Seorim Demeritt, Albion P. Stevens, George E. Horne, George E. Foot, James Thompson, Samuel W. Cushing, John T. W. Ham, John Q. Toppan, John Murray, Joseph H. Wiggin, Rufus Reed, John S. Dame, Martin L. Shapleigh, Simeon F. Hartford, William Clough. Ellen F. Wiggin, Emily Frye, Sarah F. Kenniston, Rachel Clough, Elizabeth R. Smith, Lucy J. Gould, Mary F. Varney, Delphina Edgerly, Frances O. Varney, Anna E. Wyatt, Emily F. York, Precilla R. Freeman, Hannah L. Clough, Elizabeth A. Champion, Charles A. Frye, Charles H. Peirce, Albert Shepard, Lucien B. Legg, Samuel Wiggin, George F. French, Isaac W. Merrow, Samuel Dearborn, Benjamin Frank Toppan, Nathaniel Moulton, Wm. H. Barden, Edmund Wilson, Charles Norris, George Buzzell, Charles A. Dore, Charles A. Faxon, James J. Meader, Charles A. Clarke, Thomas J. Stackpole, Amanda J. Varney, Susan A. Rogers, Ellen Johnson, Harriet A. Clough, Susan A. Furber, Lucinda Vance, Phœbe Flagg, Frances M. D. Burr, Martha A. French. Abby S. Peirce, Matilda Frye, Emma T. Moody, Ellen F. Morrill, Amanda G. Crockett,

Mary E. Shapleigh, Emily M. Nutter, Asenath A. Cushing, Olive Hartford, Ellen A. Young, Susan E. Lord, Abby E. Flagg, Julia A. Wyatt, Elizabeth R. Morrill, Emma A. Frost, Sarah Varney, Mary A. Kimball, Lydia J. Hayes, Olive Caverly, Olive J. Dame, Ellen Laughton, Eliza J. Scales,

Frances J. Murphey, Mary A. Kendall, Sarah A. Ham, Emily Crockett, Martha A. Faxon, Mary A. Burleigh, Francis J. Linton. Mary T. Smith, Anna Walsh, Achsah A. Horne, Delia A. Varney, Ellen A. Gordon, Ellen J. Spurlin, Julia Marks, Anna S. Vittum, Sarah Norris.

HIGH SCHOOL REGISTER

FOR THE

FALL AND WINTER SCHOOLS IN DISTRICT No. 2, 1851-2, In the Town of Dover.

Record of attendance in the Second District, for the term commencing Oct. 6, 1851, and ending March 27, 1852, taught by

M. L. MORSE.

Names of Scholars.	Age.	No. of days attendance.	No. of times tardy.
1 I Lamuon			
A. L. Lamson	17	93	8
E. O. Foss	20	77	22
J. M. Horne	19	27	4
W. H. H. Barden	14	91 1-2	32
J. G, Flagg	16	93	55
Edward Sawyer	15	96	5
Geo. S. Wendell	14	88 1-2	36
Russell B. Wiggin	1.4	83	13
Isaac O. Parker	13	16	17
Chas. A. Huntress	14	79	17
Chas. K. Hartford	18	95	18
Theo. Littlefield	15	95	8
G. G. Kimball	18	35 1-2	6
Ceo. F. French	13	96	2
J. B. Stevens, Jr.,	15	82 1-2	IO
Chas. E. Varney	17	75	10
Geo. K. Faxon	18	76	31

Names of Scholars.	Age.	No. of days attendance.	No. of times tardy.
las C Maadu			
Jas. C. Moody	17	92 I-2	19
Isaac N. Gilman	18	94 1-2	13
Hermon J. Smith	14	94	15
Geo. W. Durgin	16	56	16
A. A. Stackpole	16	90 1-2	IO
Geo. E. Horne	14	95	I
John C. Pray	15	66	18
Abby E. Flagg	14	94 1-2	39
Achsah Horne	13	90 1-2	8
M. J. Hutchinson	13	93.1-2	7
Martha A. Faxon	14	79	30
P. R. Freeman	15	95	29
Frances O. Varney	15	28	
Charlotte E. Toppan	15	85 1-2	27
Mary A. Tuttle	13	79	29
Phœbe G. Flagg	16	85 1-2	19
L. W. Cushing	16	62	45
Lucy J. Gould	16	87 1-2	3
Abby J. Moulton	17	89	28
Esther E. Gilman	16	95 1-2	5
Fanny M. Burr	16	72	9
Anna S. Wyatt	15	89	23
Martha H. Paul	16	80	19
Julia A. Wyatt	1.4	88 1-2	6
Elizabeth R. Smith	16	89 1-2	23
Ellen F. Wiggin		74 I-2	24
Susan M. Littlefield	19	77 1-2	17

Names of Scholars.	Age.	No. of days attendance.	No. of times tardy.
S. A. Wendell	19	66 1-2	10
Isabella S. Horne	18	39	7
A. Esther Babb	16	32	5
Barden	19		

GENERAL REMARKS BY TEACHER,

The causes why some of the scholars have left the school are the following:

- J. M. Horne, left to teach school.
- I. O. Parker, moved out of town.
- G. G. Kimball, moved out of town.
- G. W. Durgin, left to learn printer's trade.
- C. E. Varney, sick.
- G. K. Faxon, service required at home.
- A. W. Lamson, left to work in printery.
- Miss F. O. Varney, sick.
- Miss P. G. Flagg, teaching school.
- Miss E. H. Wiggin, services required at home.
- Miss F. M.Burr, services required at home.
- Miss E. F. Wiggin, services required at home.
- Miss Isabel Horne, teaching school.

Of these I suppose four have left only temporarily, viz: Charles E. Varney and the Misses F. O. Varney, P. G. Flagg and Isabel Horne. Should they return, as I am told they will, the whole number of scholars in regular attendance would be 40. The number that now attend, when not detained by sickness, is 36.

LEAVES

FROM

THE ORDERLY BOOK

()]

AN OLD DOVER INFANTRY COMPANY.

Military spirit has always been rife in New Hampshire. Fifty years ago our energetic and successful business men found little opportunity to become influential outside of military circles, and able bodied mechanics and laborers were interested much in the same way. Reference only to membership in the crack companies considered in this statement.

The writer believes that the publishing of extracts from an old Dover company's orderly book will be interesting to the public.

Limits of the Second Company of Infantry, Second Regiment, Second Brigade, Second Division N. H. Militia, commanded by Capt. John B. Hull, 1845.

Commencing at Plato Waldron house, so called, and running from said house to Payne street, including both sides, to Williams street, and running on both sides to Gray and Pinkham house on Swazey's hill; then on Central side including the easterly side thereof to Central square; thence including all on south of Cocheco river west of Central street and north of Washington street to the Young house, so called, being the westermost boundary; than taking all on the north side of

said river to the westerly side of Main street and Franklin square and Franklin street to the Factory barn—the house of the late Samuel Horn, being the north westerly boundary—thence south to the said river, all that part of Williams street where it commences running north from Payne street to Washington street, including both sides of said street and including the Cocheco block and all those buildings on both sides of Payne street running north from where said Payne street intersects with Williams street.

John Stackpole, Jr., Colonel. James M. Jackson, Lieut. Col.

Dover, July 1845.

ROSTER OF COMMISSIONED OFFICERS	ROSTER	OF CO	MMISSIONEI	OFFICERS.
---------------------------------	--------	-------	------------	-----------

Captain.		Lieutenant.		Ensign.	
Name.	Date of Com.	Name.	Date of Com.	Name.	Date of Com.
John B. Hull.	1844—Sept. 7.	Amos Wentworth.	1845—April 11.	Mark A. Donnett.	1845—April 11.

COMPANY ORDER.

To William H. Libbey, sergeant: You are hereby ordered and directed to notify and warn as the law requires all the

non-commissioned officers and privates whose names are hereunto annexed, in the company under my command, to appear at or near the Catholic meeting house in Dover on Tuesday the nineteenth day of May inst., at one o'clock in the afternoon with arms and equipments required by law for military duty. Hereof fail not, and make return of your doings herein on or before the day of appearance.

Dated at Dover this 13th day of May 1846.

Edward Morrill,
Daniel Thompson,
John B. Nute,
David Littlefield,
Alpheus S. Rogers,
J. B. Thompson,
Stephen D. Bean,
William Jenness.
Joshua Parker,
John B. Sanders,
Lucien B. Legg,

Josiah P. Whidden,
John S. Hall,
John H. Demeritt,
James Kimball,
William Love,
Zimri S. Wallingford,
Hiram F. Snow,
Daniel Grover,
Moses G. Farmer,
Leonard S. R. Gray,
Otis B. Horn, 2d.

Second Company of Infantry, Second Regiment New Hamp-shire Militia.

Pursuant to this order, I have notified the within named Alanca A. Hatch and James E. Hanscom to appear at the time and place of parade within named, uniformed and equipped as the law directs for military duty, by handing to each one in person a notification by me signed on the four-teenth day of May A. D. 1846, four days prior to said day of training stating the time and place of parade, and the within named:

Charles Odiorne, Mark Thompson, Plumer Chesley, Thomas Young, Joshua Merrill, Joseph Hall, Edward Morrill, James Hurd, Isaiah Hurd, Moses G. Farnham. John Ware, David Littlefield, Charles Clement, Leonard S. R. Gray, Alfred Clark, Z. S. Wallingford. Albert Bond. Ephraim Jones, George W. Hayes, Joseph Wiggin, Stephen Rowe, Lorenzo Gilman, William Hall, Ieremiah B. Thompson, George Young, 2d., John Ransom, Daniel Thompson, Charles Derby, William Love, John H. Foss, Jeremiah Drew, Nathaniel Bunker, N. Beck, Henry Osgood, Jonathan Jones, William Jenness, William G. Burke,

Ionas Colomy, Moses Brown, John W. Farris, John Lord, Tristram Horn. William Clark, George Hamon, John Preston. A. Martin, Stephen Roberts, Luther Palmer, Darius Foss, Charles Watson. Charles Shepherd, James S. Perkins, George K. Willand, Ionathan K. Clark, L. N. Goodwin, Daniel Stokes, James Drew, Thomas Grover, Joseph Sawyer, Wingate, George W. Wendell, Bradbury Nutter, Luther Clinkered, George Dow, Jackson Wentworth, Ira Wallingford, William Cook, Gustavus Thompson, Remembrance Smith. Josiah Griffin,

Andrew Edoe, Elijah Edoe, John York, Charles Adams, Nathaniel Adams, Stephen D. Beans, Alonzo Mitchell, John A. Copp, William Little, Benjamin Dorr, Charles Speed, David Fullinton, Moses Kimball, Charles F. Pease, George W. Bickford, John Marden,

Alpheus Rogers, Nathaniel F. Walker, Charles Beedle. Levi Cooper, James Horn, John Eastman, William Patten, Edwin Paul. Everett Hall, William Warren, Noah Warren, William Pinkham, Henry Pinkham, Walter Plumer, William Long, William Clark

Mr. Merrill, I have also notified and warned to appear at the within mentioned time and place of parade, uniformed and equipped as the law directs for military duty, by leaving at the last and usual place of abode of each of them on the 14th day of May A. D. 1846, four days prior to said day of training, a notification by me signed stating the time and place of parade.

WM. H. LIBBEY, Sergeant.

State of New Hampshire, Strafford SS., May 19, 1846. Above return subscribed and sworn to before me

GEO. T. WENTWORTH,

Justice of the Peace.

Pursuant to the foregoing company order, the Second Company of Infantry in the 2d Regiment, 2d Brigade, 2d Division New Hampshire Militia, commanded by John B.

Hull, captain, was paraded at the time and place therein named. There were fifty-four members of said company present.

James Hanscom, William Warren, Noah Warren, William Pinkham and Henry Pinkham did unnecessarily neglect to appear at said time and place of parade, and each of them incur a fine of two dollars.

CHARLES CHURCH, Clerk.

INSPECTION RETURN.

Third Tuesday, May A. D., 1846.

- т Captain.
- 1 Lieutenant.
- 1 Ensign.
- 3 Sergeants.
- o Corporals.
- 2 Musicians.
- 114 Privates.
 - o Conditional Exempts.
 - 60 Absent.
- 59 Present.
- 119 Aggregate.
 - 57 Muskets.
- 57 Bayonets.
- 57 Iron Ramrods.
- 57 Bayonet Scabbards and Belts.
- 57 Cartridge Boxes and Belts.
- 57 Priming Wires and Brushes.
- 112 Spare Flints.
 - 57 Knapsacks.
 - 57 Canteens.
 - 1 Drum.

- Fife.
- 1 Infantry Regulations.
- Militia Laws.
- Roll Book.
- 1 Orderly Book.

We the subscribers, overseers of the Society of Friends in Dover, County of Strafford and State of New Hampshire, hereby certify that Benjamin Meader is a member of the Society of Friends, and frequently attends with them for public worship, and we believe is conscientiously scrupulous of bearing arms.

JACOB K. PURINTON,
TOBIAS MEADER,
Overseers.

Dover, N. H., May 1, 1846.

This may certify that Mr. Dyer Foye is laboring under infirmity of body of such a nature and extent as to exempt him from the performance of military duty.

A. G. Fenner, Surg. 2d Reg.

It appears that Henry A. Osgood, Noah Warren, Albert Bond, Aaron Hanscom, John Preston and James Hurd also convinced the kind hearted surgeon that they were physically incapable of performing military duty.

Members of the town fire department were exempt by law.

To the Captains or Commanding Officers of the several infantry companies within the town of Dover.

The following persons are now members of the engine and hose companies in said town legally appointed and bound to perform their respective duties, to wit:

MEMBERS OF ENGINE COMPANY NO. 1.

John N. Champion, Joseph Spinney, James M. Haynes, Jerome B. Canney, Charles D. Beedle, Henry G. Swain, Hosea Evans, Jr., Phinias Merrill, Joseph H. Chamberlain, Asa H. Littlefield, Ambrose Brown, William H. Hubbard, Joshua F. Littlefield, Noah Johnson, Moses P. Merrill, John Shute, Hiram Ham, Charles M. Warren, John Twombly,

Charles H. Nutter, James Downs, Joshua B. Haynes, John G. Farnham, Joseph W. Johnson, George Gray, Charles Woodman, Calvin F. Gordon, Joseph H. Littlefield, George H. Patterson, Francis Johnson, lames G. Chesley, Jethro R. Furber, Albert Ennis, Charles Demeritt. Isaac B. Brown, Alvah Champion, Alfred Whitehouse. Gideon Pitman,

Miles Stearns.

MEMBERS OF ENGINE COMPANY NO. 2.

Jefferson Merrow,
John Mason,
William Watson,
Marquis D. L. Stevens,
Abner J. Nutter,
William B. Foss,
Seth Watson,
John Brown,

Franklin Ricker,
Mark F. Nason,
Samuel L. Gray,
Samuel Hanson, 2d,
Amos Sargent,
Horatio G. Tasker,
Edward B. Chamberlain,
George Hartford,

283

Samuel S. Clark, Henry A. Bartlett, Israel Hanson, James Sterling, William O. Toppan, Charles Clements, Elisha Goodwin, E. D. Colby, Caleb Brown,

Joseph Swazey,
Samuel H. Hanson,
James Kimball,
Seth H. Clark,
John Swett,
John K. Young,
Robert N. Foss,
Thos. J. Marston,
James S. A. Caverno,
John Gowen.

MEMBERS OF ENGINE COMPANY NO. 3.

Joseph E. Smith, Nathaniel Mason, Alpheus Pierce, Jr., Thomas Cook, Joseph Young, Charles H. Waldron, Edmund Freeman, Daniel Meserve, Horatio G. Otis, Mark D. Hayes, William D. Crockett, Stephen Walker, David Bennett, Hopley Y. Nute, Ransom B. Cook, Daniel Foss, Thomas Stackpole, Benjamin F. Prebble, Thomas Wentworth,

Hemon Webber, Newell C. Davis, Joshua Nute, Thomas S. Foss, William Pinkham, Samuel H. Mathes, Oliver H. Jenness, S. W. Thompson, Nathaniel Watson, George E. Baker, George W. Stevens David Forest, David C. Taylor, John C. Varney, John T. Varney, Alpheus Rogers, John P. Baker, George Kenniston, Moses M. R. Varney.

MEMBERS OF ENGINE COMPANY NO. 4.

Warren Seavey, Mark Thompson, Winslow Hall, Horace Wallace, George W. Allen, John W. French, Jefferson Morrill, .Samuel Hussey, Greenleaf Clark, Brackett W. Clark, Ezekiel Prescott, William Davis, Israel P. Quimby, James H. Hall, Otis B. Horne, James Prescott, Paul Chadwick,

Edward O. Langton, Amasa C. Rogers, John Lord, Henry S. Thompson, Joseph H. Emery, Andrew Morrill, John Butler, David Clark, David Tuttle, George Gray, 2d, Robert S. Littlefield, Benjamin Littlefield, Charles A. Tufts, George Beck, William H. Hill, John Arlin, Orin Caverly,

John Brown.

MEMBERS OF ENGINE COMPANY NO. 5.

Joshua Vickery,
William Morrill,
Thomas Grover,
Albert Cummings,
Thomas P. Harding,
William Z. Z. Woods,
Wm. Decatur,
Richard N. Ross,
Lucien B. Legg,
David Tompkins,

James M. Horne,
James R. Moulton,
John B. Bruce,
James Stackpole,
Nathaniel Edgerly,
Burnham Hanson,
John Stackpole,
William Trickey,
Jacob Burley Pinkham,
William Meader,

Mark Hall, Amos Wentworth, Zimri S. Wallingford, Jedediah S. Fogg, Sherman A. Newell, William H. Seavey, James Morrill, Joseph Hartford, William Huntress, Charles Paul.

MEMBERS OF ENGINE COMPANY NO. 6.

Daniel K. Webster, Daniel Gage, Samuel Dennis, John Downs, Augustine Lupus, Samuel Quimby, Daniel Murray, Charles W. Wiggin,

Cyrus Bangs,

Jacob P. Garland, George Gage, John Sawyer, Taylor Page, Francis Lupus, Ezekiel Hurd, Amos D. Purinton, Joseph Ham 3d, Daniel Jackson.

MEMBERS OF HOSE COMPANY NO. I ..

Thomas Goldsmith, Samuel Thompson, Joseph C. Hutchings, Nath. Carlton, H. Chase, Daniel Littlefield. Robert Evans, John P. Hanson, Nath. D. Adams, Stephen Thompson, Thomas J. Goldsmith, John Evans, Jr.,

Isaac S. Hammond.

Dover, April 19, 1847.

John H. Wiggins,

Clerk of the Board of Fire Wards.

To the Captains or Commanding Officers of the several Infantry Companies within the Town of Dover:

The within named persons are now members of Engine Co. No. 5 in said Dover, legally appointed and bound to perform their respective duties.

Dover, April 20, 1847,

J. H. Wiggins,

Clerk of the Board of Fire Wards.

In 1847 Surgeon Fenner granted certificates of disability to

George O. Tuck,
James H. Hurd,
George H. Tarr,
Elisha Parks,
Simpson P. Nutter,
George L. Scates,
Alonzo Mitchell,
Albert S. Davis,
Albert Bond,
Charles Gould,
Edward C. Littlefield,

Joseph S. Grant,
Aretus Morrison,
Alfred N. Varney,
Samuel E. Williams,
Hopley Y. Nute,
Washington P. Hayes,
Richard P. Wentworth.
Luther Jenness,
Lawrence Gould,
W. H. Kenney,
Luther B. Harris.

DOVER AQUEDUCT.

At a meeting of the Proprietors of Dover Aqueduct at the Court house on Wednesday July 9, 1823.

Asa Freeman, Chairman. Wm. Woodman, Secretary.

Voted, That Asa Freeman, Andrew Pierce and Wm. Woodman be a committee to prepare a code of By-Laws and obtain a subscription to the Stock of the Corporation and report at a future meeting.

Adjourned.

Met according to adjournment July 26.

Voted, That Asa Freeman be agent for the purpose of making an accurate survey of the Aqueduct route from Kellie's Spring through the town and an estimate of the probable expense of the Aqueduct and report at a future meeting.

Adjourned.

Wednesday August 27, 1823, met according to adjournment.

Voted, That the act of incorporation be accepted.

That the report of the Com. to prepare By-Laws be accepted.

That the By-Laws reported by the Com. be adopted for the Gov. of this Corporation.

That Wm. Woodman be Clerk and Treas, for the ensuing year.

BY-LAWS OF THE PROPRIETORS OF THE DOVER AQ.

Article 1. The stock of sd. Corp. shall be divided into

Two Hundred shares: provided that the amount of assessments on each share shall not exceed twenty dollars, before sd. Aq. shall be completed; but if it should be found necessary to raise a larger sum to complete sd. Aq. it shall be done by creating and disposing of an additional number of shares sufficient for that purpose.

Article 2. The officers of sd. Cor. shall be five directors, an agent, Clerk and Treas. to be chosen by the Proprietors by ballot yearly at their annual meeting.

Sec 2. The Agt. of sd. Cor. shall be appo. by the directors and removable at their pleasure.

Sec. 3. The Treas, of sd. Cor. shall give bonds to the satisfaction of the directors for the faithful discharge of the duties of his office.

Article 3. In the choice of officers and in all votes at any meeting of sd. Corp. each Proprietor shall be entitled to one vote for any share of the stock which he holds in sd. Corp. to be given by himself personally or by his attorney duly authorized in writing for that purpose, which power shall be filed with the Clerk of sd. Corp.

Article 4. The Annual meeting of sd. Corp. shall be holden at Dover in the month of July at such time and place as the directors for the time being may appoint; and the directors shall at any time on application of the owners of fifty shares, specifying the object for which they wish the meeting to be called, call a meeting of the Proprietors, to be notified in the manner hereinafter pointed out.

Article 5. It shall be the duty of the directors to determine the route of sd. Aq; to employ labor, or make contracts for the completion of the same, to make such regulations as may be proper and necessary for the distribution of water

from sd. Aq. and to determine and fix the compensation therfor, to lay assessments on the shares, to make such dividends of the profits as they shall think reasonable and proper; and generally to manage the concerns of sd. Corp. The directors shall meet from time to time and as often as the concerns of the Corp. may require.

Article 6. [Altered July 27, 1839.] It shall be the duty of the Clerk to keep a fair record of all the votes passed by the Proprietors at their meetings and also a record of all the votes and orders of the directors at their meetings. It shall also be his duty to give notice of the time and place of meetings of the proprietors at their annual meetings or such special meetings as may be called by the directors by posting up in two or more public places, in Dover, written notices for that purpose, at least seven days before such meetings.

Article 7. It shall be the duty of the Treas, to collect and receive all assessments and all monies due to said Corp. from time to time for the privileges of water or otherwise, to pay out to the order of the directors any money which he may have on hand as Treas., provided that such orders shall specify for what purpose the same are drawn and no money shall be paid out by the Treas, without such order. It shall also be his duty to keep a fair and exact account of all money by him received and paid out, which account shall be laid before the directors at their meetings and before the Corp. at their annual meetings. The Treas, shall receive for his services a reasonable compensation which shall be voted him by the Proprietors at their annual meetings.

Article 8. The directors may appo, an Agt. or Agts, for carrying into effect the objects of sd. Corp. with such compensation for his or their services as they may think reasonable.

Article 9. The Treas, shall notify each Proprietor of any assessment laid on his share or shares and if the same be not paid within twenty days after sd. notice, the Treas, shall proceed to sell at public auction so many of the shares of sd. delinquent proprietor as shall be sufficient to pay the assessments due on his shares, provided that four days notice shall be given of the time and place of such sale, designating the shares to be sold by their number, and the Treas, shall make to the purchaser a transfer of the shares by him so sold and shall pay over to the former proprietor any surplus he may receive for such share or shares after paying the assessments due theron and reasonable charges for the advertising and sale of the same.

Article 10. The shares in said Corp. shall be numbered from one to two hundred inclusive, or to such number as may at any time hereafter be created.

Article 11. Each proprietor shall have delivered to him a certificate of his shares after the payment of the first assessment which may be laid on said shares; which certificate shall be in the following form:

Dover Aqueduct.

Altered July 31, 1824, and again in 1861. Be it known that A. B. is proprietor of share (or shares) No. ————in the stock of the Dover Aqueduct, all assessments heretofore laid having been paid thereon: said shares are transferable be the endorsement of the said A. B. on the back of this certificate and delivery of the same to the purchaser.

Dated at Dover the day of A. D. 18
Treas.

Directors

Article 12. It shall be the duty of the Treas, to keep a book in which shall be entered the names of the proprietors with the numbers of their respective shares; also all transfers of shares in said corporation, and he shall file all certificates which shall be delivered up on the transfer of any shares.

For each certificate of stock in said corporation the Treasurer shall be entitled to twenty cents to be paid him by the person receiving said certificate as a compensation for making out and recording the same.

Article 12. All rules and regulations which may be made and adopted by the Directors respecting the distribution of water from said Aq. or for the proper management and security of the same shall be taken and considered as a part of the By-Laws of this corporation subject however to be altered or amended by a vote of the proprietors at their annual meeting or at any meeting called for that purpose.

Article 14. These rules or by-laws may be amended or altered by a vote of three-fourths of the shares represented at any regular meeting of the Proprietors.

(ANOTHER BOOK.)

Dover Aqueduct Dividend Book.

First Dividend declared Monday Oct. 1, 1827.

Names of Proprietors.	No. of Shares.	
Andrews, GeorgeJan. 8, 1828	4	8
Bartlett, JamesMar. 19, 1829	5	10
Currier, Jacob MJan. 5, 1828	12	24
Paul, TempleJan. 15,	3	6

Names of Proprietors.	No. of Shares.	Amt. Div.
Cushing, Peter JrNov. 17, 1827	I	2
Durell, John SOct. 27,	5	IO
Davis, JamesJuly 30, 1828	5	10
Estes, Israel()ct. 20,	2	4
Freeman, AsaOct. 2,	2 I	42
Green, Ezra Dec. 13,	5	10
Hodgdon, MosesOct. 12,	5	10
Hale, William Oct. 2,	15	30
Hanson, Thomas RJan. 15,	2	4
Odiorne, John B. HOct. 11,	20	40
Perkins, EriOct. 23,	5	ΙO
Perkins, William Oct. 23,	4	8
Perkins, JeremyOct. 22,	3	6
Atkinson, W. K. Est. ofOct. 2,	6	I 2
Pendexter, GeoNov. 13,	4	8
Pierce, AndrewJuly 30,	I 2	24
Palmer, William Nov. 14,	4	8
Tufts, Asa Oct. 18,	2	4
Varney, I. & MJuly 28,	I 2	24
Wheeler, JohnJan. 25,	5	IO
Wheeler, John H	2	4
Williams, JohnOct. 3,	4	8
Wendell, IsaacJuly 21, 1828	I 2	24
Whitehouse, JamesNov. 27,	2	4
Woodman, William	16	32

DOVER LANDING AQUEDUCT.

It having been proposed to lay down an aqueduct for the purpose of bringing water from Col. John Waldron's field in Dover to the Landing, so called, for the accommodation of such citizens as may wish to become interested therein; and

to facilitate said object, it is further proposed to form a company and to divide the stock thereof into forty shares, not to exceed fifty dollars each.

We, therefore, whose names are hereunto subscribed do agree to take the number of shares in said stock by us severally subscribed. And we do further agree to pay to the treasury of said company the amount of our several subscriptions by such installments as shall be ordered by a committee to be chosen by the stock holders to carry the intention of said company into effect. And it is further agreed that any person who shall neglect to pay any installment which may be legally assessed upon his subscription for more than thirty days after being duly notified thereof, shall forfeit to the company the amount of his subscription in said stock and all monies which he may have previously paid thereon.

Feb. 17, 1824.

17, 1	Sha	res.
Amos White		I
Joseph Young		1
Solomon Jenness		I
Lewis B. Tibbetts and Richd. Walker		I
Isaac Wendell		2
Hosea Sawyer		2
John Waldron		I
Alphonso Gerrish		I
Jacob Davis		I
Lorenzo Rollins		1
John Tapley		I
Benja. Watson		1
D. R. Stevens		I
Nath'l R. Hill		I
Nath. W. Ela	•	2
Joseph Smith		I

	Shares.
D. M. Durell	. 2
Barnabas H. Palmer	. 2
John Ham	. 2
James B. Varney	
Robt. Perkins	
Nat and Jerry Young	. 2
Nathaniel Grant	• I
John Chase	. 2
Benjamin Wiggin	. 1
Stephen Evans	. 2
Andrew Steele	. 2
Michael Reade	. 2

Whereas John Waldron, Esq., by his deed of this date hath conveyed to us, the subscribers, the privilege of supplying the village in Dover with water from certain springs in his field, by means of an aqueduct, we, therefore, in consideration that the purchase money for said privilege was contributed by the subscribers to the paper which is hereunto annexed, in proportion to their several subscriptions therein mentioned, do hereby promise said subscribers to convey to them, or to such corporation as may hereafter be instituted for the purpose mentioned in said paper, all our right in and to said privilege to be holden and enjoyed by them in proportion to their aforesaid subscriptions.

March 8, 1824.

D. M. DURELL, NATH. W. ELA, NATH. YOUNG, MICHAEL READE, JOHN HAM, JR.

Recorded agreeably to the original; attest.

J. B. Varney, Sec'y.

At the first meeting of the Dover Landing Aqueduct Company, holden at Nath. W. Ela's, Feb. 17, 1824.

Voted & chose Messrs. D. M. Durell, N. W. Ela & John Ham, Jr., a committee to carry into effect the intention of said company as expressed in this subscription of this date. Meeting dissolved.

J. B. VARNEY, Sec'y.

At a meeting of Dover Landing Aqueduct Company, holden at Nathaniel W. Ela's, March 4, 1824.

Voted & chose Daniel M. Durell president.

Voted to add two more to the committee appointed at the last meeting, and Nathaniel Young and Michael Reade were chosen.

J. B. VARNEY, Sec'y.

At a meeting of the committee May 14, 1824.

Ordered, that an assessment of Five dollars on each share be paid to the Treasurer, on or before the 21st, instant. The Committee ordered a like assessment June 14, 1824 to be paid on or before June 20, inst.

At the first meeting of the Dover Landing Aqueduct Company, under the act of incorporation, held at Nath'l W. Ela's July 3, 1824, the proprietors having been duly notified agreeably to said act.

Voted & chose Nath'l W. Ela chairman & James B. Varney sec'y.

Voted that Dan. M. Durell Esq. be a committee to draft by laws necessary for the regulation of the corporation; also to draft a deed conveying to said Company the aqueduct privilege lately purchased of Col. John Waldron, and such other papers as said committee may think necessary for adopting an act of the Legislature incorporating said Company.

Voted to adjourn to Saturday next at 7 o'clock at Mr. Ela's.

J. B. VARNEY, Sec.

REPORT

OF THE

Tax List Committee

FOR THE YEAR 1891.

To the City Councils of the City of Dover:

Gentlemen:—Your committee, who were appointed to adjust the unsettled tax lists of the tax collector, beg leave to submit the following report:

1889.

COLLECTOR CHARLES W. DEMERITT'S ACCOUNT.

DR.

To tax list for 1889, committed to collector,
Interest collected to date, Dec. 31, 1891..... 492 26
\$157,141 86

CR.

\$157,141 86

1890.

COLLECTOR CHARLES W. DEMERITT'S ACCOUNT.

DR.

To tax list for 1890, committed to collector... \$156,764 26
Interest collected to date, Dec. 31, 1891.... 306 21

\$157,070 47

CR.	
By abatements at above date \$ 2,195 26 Amount paid city treasurer 151,265 34	-
Salary)
	\$154,660 60
Balance	2,409 87
1891.	
COLLECTOR CHARLES W. DEMERITT'S ACCOU	INT.
Dr.	
To tax list for 1891, committed to collector CR.	\$161,434 07
By abatements to date, Dec. 31, 1891 \$1,382	09
Amount paid to city treasurer 135,692	-
Salary 1,500	
	\$138,575 06
Balance	22,859 01
Balance due city from 1890 tax list	\$2,409 87
Balance due city from 1891 tax list	
Total	\$25,268 88
Respectfully submitted,	
Andrew J. Seav	YEY,
CHARLES PORTER	,
John W. Rines,	
·	
John S. Glass,	T1 . G
Special Ta	x List Com.

DOVER, N. H., Dec. 31, 1891.

ANNUAL REPORT

()F

THE BOARD OF ASSESSORS.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

Gentlemen:—The following report shows the financial condition of the city, so far as the same relates to the Assessors' department for the past two years:

			1890 18		891	
Total ta	axable 1	property of o	city,	\$8,634,692		\$8,887,977
No. jano	d value	of horses,	1016	\$96,374	1049	893,490
66	66	oxen,	65	3,210	63	3,485
66	66	cows,	874	23,585	978	24,019
66	"	other cattl	e, 178	3,217	136	2,500
66	"	sheep,	145	504		494
66	66	hogs,	77	480	39	362
66	46	fowls,	200	100	240	120
44	"	carriages,	188	21,289	193	21,064
Stock in	a publi	c funds,		35,500		27,800
"	bank	s,		335,112		331,988
Money	on han	d or at inter	rest.	345,211		342,768
Stock in	n trade,	,		1,024,108		1,121,285
Factory buildings and ma-						
chi	inery,			1,144,460		1,176,570
Real es	state,	•		5,271,742		5,410,032
Polls at	\$1 eac	h,	3298	329,800	3320	332,000
	То	tals,	\$	\$8,634,692	:	\$8,887,977

There has been according to foregoing figures a loss of \$3,000 in the value of live stock, about \$200 in carriages, in public funds \$7,700, in bank stock over \$3,000 and in money on hand or at interest of over \$2,400 since 1890; while there is a gain in stock in trade of over \$97,000, in factory buildings and machinery about \$32,000 and in real estate \$138,290. The number of polls were increased 22, at a value of \$100 each, \$2,200, making the net gain since 1890, in all, \$253,285.

The rate of taxation same as in 1890 viz: \$18 per \$1000.

Amount	of tax r	aised	on property	\$159,983.59
"	66	"	dogs · · · · · · · · · · · · · · · · · · ·	690.00
Total tax	for 18)1		\$160,673.59
٤٤ ٤٤	189	0		156,195.45

The added list, so called is not included in either year, but was over \$500 in 1890, and nearly \$700 in 1891.

The loss on live stock is owing to the depreciation in value, not in number of head. The gain in real estate, stock in trade and factories is accounted for by having property that has been exempt 10 years, taxable in 1891. There is a large amount of property in the city exempt by law, some of which will be taxable in a few years.

The Assessors moved into their present office the latter part of 1891, and they take this opportunity to express their appreciation to the City Councils of the splendid quarters allotted to the Assessors and for the conveniences in the way of desks, tables, vaults, etc., that the Councils have so kindly furnished this office with, also for books, paper and other stationery that we have been supplied with when needed.

The new dog law passed by the State, and the city ordi-

nance relating to school children make a great deal of work for the assessors, as they now have to take the scholar's name, age and sex, the name of one of the parents or guardian with his residence. They also have to describe each piece of real estate on their books with its value, and to locate every poll tax payer, not only on the assessment books, but also on the collector's books, taking a large amount of time that ought to be spent in appraising and hunting up property, at least be doing something to increase the revenues of the city instead of doing work that any school boy could do just as well, and having a large amount of taxable property escape taxation for want of time to attend to it.

Respectfully submitted,

JAMES H. DAVIS,

For the Assessors of Dover.

ANNUAL REPORT

OF

THE OVERSEER OF THE POOR.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

Gentlemen:—I hereby submit the following report as Overseer of the Poor of the City of Dover, for the year ending December 31, 1891:

EXPENDITURES.

Support of city p Removing pauper Transient	aupers as to the tion for med for se	their families e farm licine upport of paupers at the	\$2,840 65 656 38 58 00 7 45 15 50 7 02
			100 00
		RECEIPTS.	\$3,963 50
June 2, Received	of City	Treasurer	500 00
Sept. 3 "			500 00
Dec. 3 "	66 66		636 20
Feb. 10, '92"			2,327 30
			\$3,963 50

Respectfully submitted,

GEORGE W. GRAY,

Overseer of Poor.

Officers Elected In March 1892.

REGULAR POLICE OFFICERS:

Thomas Wilkinson, Walter S. Sterling, Charles E. Stevens, William A. Brownell,. William H. Tibbetts, James W. Robinson, Thomas Fody.

INSPECTOR OF KEROSENE:

Éugene B. Foss.

ASSISTANT SURVEYORS OF HIGHWAYS:

District	No. 4—William T. Page.
"	5—Walter F. Gage.
6.	6—William Rines.
44	7—William T. Wentworth.
44	8—Asa S. Baker.
66	9—William H. Johnson.
66	10—Charles H. Cole.
44	11—John W. Clements.
"	112—James W. Ford.
66	12—Augustus D. Schuyler.
66	13—William Penn Tuttle.
66	14—B. F. Brownell.
66	15-Barnard McKone.
"	16—Levi W. Towle.

District No. 17—Levi Corson.

"18—John F. Torr.

"19—David Hanson.

"20—Tristram A. Young.

"21—John Canney.

"22—Alonzo Horne.

"23—B. F. Brownell.

"24—Fred Davis.

SPECIAL POLICE.

Charles Clark, John Higgins, Ira I. Hussey, Martin McManus, John McCoole, Frank P. Worthen, Herbert Esterbrook, Winfred Randall, Joseph York, Charles Davis, Thomas McKenna, Edward Clark, Fred Woodard. John Fife, David Markey, George Hanson, Justus Bachelder, James Hathaway, Henry Marsh, Joseph Nelson, Felix Carter, Ansel Bickford. E. W. Martin,

George H. Demeritt, Walter Mickel, Walter Williams, S. E. Rollins, A. Littlefield, H. Beede, George Butler, Sidney Hawkins, George E. Whipp, John R. Worster, Martin P. Bennett, Amaziah Brownell, John Clark, J. W. Clements, John Scanlon, Thomas Goodwin, Francis Rogers, Fred Hussey, William A. Clark, M. Callahan, Asa P. Jewell, George A. Swain, D. W. Herritt.

George Hussey, W. J. Joyce, Willard T. Sanborn, James Houston, Allan D. Richmond, Edward S. Caverly, John Connell, Charles Dearborn, William H. Peirce. Isaac L. Lucas, Moses P. Warren. John S. Stackpole, P. O. Randall, Frank P. Stevens, Samuel H. Brownell, John H. Blanchard, G. R. Drew, George H. Shapleigh, George H. Nute, Henry G. McDuffee, John Flannigan,

George H. Patterson, William H. Seavey, George P. Doeg, Samuel F. Hurd, John Cronin, James Whalen, James Cassidy, Edward G. Gage, Patrick Murphy, Jacob Foss, James Smith, Arthur Hutchings, James W. Ford, Edward Mooney, Edgar Herbert, Joseph W. Rogers, Nehemiah Gould, James Cash, R. Jones, J. Watson, John Mallon.

MEASURERS OF WOOD AND LUMBER.

Michael I. Hayes, John R. Worster, Timothy H. Snell, Harris M. Shaw, Charles H. Fox, John W. Felker, Charles H. Shapleigh, Walter S. Nichols, Edward McMahon, William H. Peirce, Samuel Hussey, Albert G. Neal, Woodbury Wiggin, George W. Ford, John F. Tibbetts, George W. Bowers, Edward McMahon, Elijah E. Roberts, William E. Whiteley, Valentine Mathes, Eben F. Faxon, John M. Clark, Alonzo M. Foss, George W. Avery, James V. Hanson, Marshall B. Hammond, Henry L. Felker, Edward H. Frost, William H. Ham, Michael McGuinness, Frank H. Clark, Martin Brooks.

FIELD DRIVERS.

Barney McKone,

Augustus Smith, William M. Courser.

MEASURERS OF STONE.

Solomon H. Foye, Freeman Babb, Joseph S. Abbott, Reuben H. Twombly, Frank P. Stevens, Stephen W. Gage, Benjamin Collins, Everett Hall,

Charles F. Dowd.

POUND KEEPER.

Charles K. Hartford.

WEIGHERS OF HAY, STRAW AND COAL.

David H. Herritt, Valentine Mathes, Timothy H. Snell, Charles B. Wentworth, John R. Kennedy, George Foot, Albert R. Clough, A. B. Burwell,

William E. Whiteley.

FENCE VIEWERS.

Micajah S. Hanscom, Frank L. Tibbetts, Charles R. Meserve.

MEASURERS OF LEATHER.

Horace T. Babb, Frank B. Williams, Martin V. B. Wentworth, John H. Hurd, Joseph T. Woodbury, Henry P. Glidden.

FISH AND GAME WARDEN.

George A. Webster, Peter Loughlin,
Thomas M. Steele.

HOGREEVES.

Frederick J. Whitehead, James Thurston,
Allen P. Richmond,
M. Timmons,
William H. Tibbetts,
Frank M. Jeffs,
Charles Meserve,
John Roberts,
Fred D. Card,
John Edward Vickery,
Edwin Luther Howes,
Edward Cavanaugh,
P. Murphy,
Josiah P. Jenness,
Charles F. Taylor,

Warren L. Maxcy,
James Ryan,
Patrick H. Gorman,
Edward Marshall Carr,
Charles H. Moore,
Peter Murphy,
Herbert R. Reynolds,
Andrew Kay,
Patrick Brennan,
William H. Oates,
William Albert Jenness.
M. Harris,
Francis Ricker,
Joseph A. Coleman,
M. Carroll.

SEALER OF WEIGHTS AND MEASURES,

Charles C. Witham.

ANNUAL APPROPRIATIONS

FOR 1892.

Resolved by the City Councils of the City of Dover:

SEC. 1. That the sum of one hundred and seven thousand, seven hundred and sixty dollars be raised by taxation for the support of the various departments, taxes and interests of the City of Dover, except where otherwise provided for, during the year 1892, and the said sum of one hundred and seven thousand, seven hundred and sixty dollars is hereby divided and appropriated as follows:

Highways	\$17,000 00
Fire department	7,100 00
Miscellaneous expense	2,500 00
Police department	8,000 00
Salaries	5,000 00
Printing and stationery	1,100 00
Bridge · · · · · · · · · · · · · · · · · · ·	1,000 00
Repairs of school-houses	3,000 00
Lights	7,000 00
Sewers	2,600 00
Sidewalks	2,500 00
Schools in excess	8,000 00
Text books and supplies	1,200 00
Pauper department	2,500 00
Health department	1,700 00
Cemetery	1,400 00
Lands and buildings	1,200 00

City debt:—
Bonds due in July\$10,000 00
Interest on city hall loan, 5 per
cent 7,750 00
Interest on funded debt, 4 per
cent 5,600 00
Interest in anticipation of taxes 2,500 00
\$25,850 00
Cleaning school-houses and vaults 200 00
Public library 3,800 00
City park 100 00
City farm
Hydrants 4,710 00
Support of prisoners 200 00
\$107,760 00
Schools as fixed by law \$15,767 50 County tax estimated 36,500 00
and State tax amounting to twenty-two thousand, six hundred and ninety dollars (\$22,690.00) is provided for by money coming from the State.

Sec. 2. The collector of taxes shall collect the sum voted in money.

Passed Jan. 29, 1892.

MUNICIPAL ELECTION,

NOVEMBER 24, 1891.

At a meeting of the legal voters of Ward One, in the City of Dover, State of New Hampshire, holden on the 24th day of November A. D., 1891, the following votes were by them in open meeting, given in to the moderator, and said moderator in presence of the selectmen and town clerk, and assisted by them, sorted and counted said votes, and at the close of the meeting made a declaration thereof as follows:

MAYOR.

41 351 ' 13	
Alonzo Melvin Foss	229
Henry R. Parker	195
Alonzo M. Foss	3
ALDERMEN.	
John F. Roberts	203
Henry G. Hayes	188
Joseph T. Woodbury	223
George W. Nute	232
COUNCILMEN.	
John W. Merrow	240
Fred E. Quimby	238
John F. Stevens	231
Martin V. B. Wentworth	190
Alonzo Mitchell	184
Elias C. Varney	184

SCHOOL COMMITTEE.

Samuel Rackley	184
Oscar F. Kimball	239
ASSESSORS.	
Charles W. Davis	182
Micajah S. Hanscom	245
SELECTMEN.	
George E. Whipp	24 I
Arthur A. Howorth	231
Charles H. Hersey,	240
Frank B. Pierce	184
John McCooey	181
Isaac H. Porter	188
MODERATOR.	
James M. Hayes	242
Lafayette M. Chadwick	181
CLERK.	
Charles F. Hasty	- 0 -
Charles O. Baker	183
	242
A true record—attest, JAMES M. HAYES,	
Moderator, Ward (lna
A true record—attest,	riie.
John W. Merrow,	
GEO. E. WHIPP,	
ARTHUR A. HOWORTH,	
Selectmen, Ward C	ne.
A true record—attest,	
Roscoe E. Berry,	
Ward Clerk Ward C)ne

At a meeting of the legal voters of Ward Two, in the City of Dover, State of New Hampshire, holden on the 24th day November, A. D. 1891, the following votes were by them in open meeting given in to the moderator, and said moderator in presence of the selectmen and town clerk, and assisted by them, sorted and counted said votes, and at the close of the meeting made a declaration thereof, as follows:

MAYOR.

Alonzo Melvin Foss	347
Henry R. Parker	290
ALDERMEN.	
Daniel A. Nute	333
Willard T. Sanborn	352
Marshall B. Hammond	311
James W. Foss	278
COUNCILMEN.	
Alfred R. Sayer	356
John A. Goodwin	35 I
Erastus A. Crawford	348
John F. Richmond	293
John L. Abrams	286
John W. Batley	278
Timothy Snell	I
SCHOOL COMMITTEE.	
Thomas B. Garland	355
Paul A. Stackpole	283
SELECTMEN.	
Oliver J. Clark	355
Benjamin L. Nudd	355

Frank T. Snell True M. Rollins Henry E. Hodgdon George H. Dyer	
MODERATOR.	
Frank Rines Samuel H. Jenness	
WARD CLERK.	
Samuel H. Hull Henry L. Rose	
A true record—attest,	
	I. W _{ENTWORTH} , rator, Ward Two.
A true record—attest,	
•	J. Clark,
Benj. L.	·
Frank T	. Snell,
Selec	tmen, Ward Two.
A true recerd—attest,	
SAMUEL H. HULL,	
Ward (Clerk, Ward Two.

At a meeting of the legal voters of Ward Three, in the City of Dover, State of New Hampshire, holden on the 24th day of November, A. D. 1891, the following votes were by them in open meeting given in to the moderator, and said moderator in presence of the selectmen and town clerk, and assisted by them, sorted and counted said votes, and at the close of the meeting made a declaration thereof as follows:

MAYOR.

Alonzo Melvin Foss	317
Henry R. Parker	205
ALDERMEN.	
Charles E. Burnham	334
Charles Porter	339
Charles W. Smith	I
Edward J. Hayes	182
Augustus W. Dearborn	181
COUNCILMEN.	
Charles L. Ricker	337
Charles W. Smith	327
John W. Welch	327
George H. Vittum	188
James Cavanaugh	180
Joshua Watson	188
Everett O. Foss	I
SCHOOL COMMITTEE.	
William H. Vickery	323
Charles S. Clifford	199
Ellen T. Scales	I
Laura A. Demeritte	I
ASSESSORS.	
Nathaniel C. Hobbs	328
Everett O. Foss	191
E. O. Foss	I
SELECTMEN.	
John D. Babb	337
Thomas H. Leavitt	332

	334
	189
James F. Smart	
Henry H. Clifford	
1	MODERATOR.
Charles A. Fairbank	
C. A. Fairbanks	· · · · · · · · · · · · · · · · · · ·
Samuel M. Welch	188
	CLERK.
Samuel H. Goodwin	
Frank D. Pierce	
A true record—attest,	
	CHARLES A. FAIRBANKS,
	Moderator, Ward Three.
A true record—attest,	
	Tristram A. Young,
	THOMAS H. LEAVITT,
	Selectmen, Ward Three.
A true record—attest,	,
	SAMUEL H. GOODWIN,
	Ward Clerk, Ward Three.

At a meeting of the legal voters of Ward Four, in the City of Dover, State of New Hampshire, holden on the 24th day of November, A. D., 1891, the following votes were by them in open meeting given in to the moderator, and said moderator in presence of the selectmen and town clerk, and assisted by them, sorted and counted said votes, and at the close of the meeting made a declaration thereof, as follows:

MAYOR.

Alonzo Melvin Foss	366
Henry R. Parker	389
ALDERMEN.	
Charles H. Foss	401
Joseph Hayes	369
Albert G. Neal	398
James M. Gray	335
COUNCILMEN.	
Charles F. Sawyer	414
Andrew P. Folsom	408
Charles H. Morang	395
Ira F. Pinkham	334
Jeremy B. Towle	342
George F. Wentworth	368
Scattering	3
SCHOOL COMMITTEE.	
Theodore W. Woodman	398
Scattering	I
Allen P. Richmond	352
SELECTMEN.	
James Hayes	402
Herbert C. Grime	403
Louis Goldschmidt	407
Enoch T. Hanson	354
William Donovan	344
Frank P. Stevens	349
Scattering	2

MODERATOR.

Walter Scott	403
Oscar R. Locke	352
WARD CLERK.	
D'Orville L. Pinkham	402
Ezra Oscar Pinkham	354
A true record—attest,	
Walter W. Scott,	
Moderator, Ward Fou	r.
A true record—attest:	
Frank L. Hayes,	
JAMES HAYES,	
CHARLES H. MORANG,	
Selectmen, Ward Fou	ır:
A true record—attest,	
HERBERT C. GRIME.	
Ward Clerk, Ward Fou	ır
Traid Clerk, Traid 100	

At a meeting of the legal voters of Ward Five, in the City of Dover, State of New Hampshire, holden on the 24th day of November, A. D. 1891, the following votes were by them in open meeting given in to the moderator, and said moderator in presence of the selectmen and town clerk, and assisted by them, sorted and counted said votes, and at the close of the meeting made a declaration thereof, as follows:

MAYOR.

Henry R. Parker	313
Alonzo Melvin Foss	29
Scattering	1:

ALDERMEN.

John Killoren	313
John J. McCann	311
Bernard Oates	20
Charles M. Bosworth	20
COUNCILMEN.	
Peter Murphy	313
Patrick E. Mallen	326
James Cassidy	319
John F. Sloper	19
Michael Qualey	20
Ivory Maddox	19
Dan Guilfoyle	6
SCHOOL COMMITTEE.	
Frank Reynolds	315
Thomas W. H. Hussey	20
SELECTMEN.	
Frank McNalley	316
Michael Brennan	315
David McFadden	317
Patrick McDonald	20
John Dyon	20
Patrick Catons	20
ASSESSORS.	
James E. McSoley	314
Dennis Foss	20
MODERATOR.	
Frank Rogers	316
John W. Place.	-

CLERK.

John A. Flannagan	20
A true record—attest,	
	Patrick Mone,
	Moderator, Ward Five.
A true record—attest,	
	Joseph Rossiter,
	MICHAEL DUFFY,
	Michael C. Kelly,
	Selectmen, Ward Five.
A true record—attest,	
	CHARLES E. HANLON,
•	Ward Clerk, Ward Five.

REPORT

OF THE

Building Committee of Sawyer School House.

TO THE CITY COUNCILS OF THE CITY OF DOVER:

The undersigned, building committee of the Sawyer school house, beg leave to make a final report.

The eight-room school-house situated upon Fifth street and occupied by the Sawyer school was destroyed by fire on the morning of Sunday, March 9, 1890. The charge of rebuilding was committed to the joint standing committee on repairs of school-houses; Messrs. Perry and Foss of the school committee were subsequently added.

The Councils voted that the building should be of three stories, thus providing room for two additional class rooms and a hall; before the contracts were given, however, this vote was rescinded upon representations that the old walls were not sufficiently strong to support the additional weight, and your committee was instructed practically to reproduce the old building.

The plans were prepared by Mr. A. T. Ramsdell of this city who superintended the construction.

By vote of the Councils the "Mills system" of heating and wentilating was adopted.

The contract for building was awarded to Mr. Alexander Shaw of this city, as the lowest bidder. The contract with Mr. Shaw was as follows:

"This agreement made on the twenty-third day of May, in the year eighteen hundred and ninety, by and between Alexander Shaw of Dover, County of Strafford, State of New Hampshire, party of the first part, and the City of Dover, a municipal corporation, by its duly authorized agents, viz: Albert G. Neal, Edwin H. Frost, Francis E. Caverly, Alonzo M. Foss, and Henry E. Perry, party of the second part, witnesseth:

That the party of the first part in consideration of the covenants and agreements herein contained on the part of the party of the second part, does covenant, promise and agree to the party of the second part in manner following: that is to say

Said party of the first part shall and will well and sufficiently perform and finish under the direction, and to the satisfaction of A. T. Ramsdell, architect, (acting as agent of said city) all the work included in the erection and completion of a school-house in the City of Dover on a lot of land on the north side of Fifth street, in said city, and known as the "Sawyer" school-house lot, agreeably to the drawings and specifications made by said architect, and signed by the parties hereto (copies of which have been delivered to the contractor, and copies of which are on file in the city clerk's office for the City of Dover, to which reference is hereto made, and which are understood to be, and are made a part of this contract) and to the dimensions and explanations thereon, therein, and herein contained, according to the true intent and meaning of said drawings and specifications, and of these presents, including all labor and materials incident thereto, and shall provide all scaffolding, implements, and cartage necessary for the due performance of the said work.

2nd. Should it appear that the work hereby intended to be

done or any of the matters relative thereto are not sufficiently detailed or explained on the said drawings or in the said specifications, the contractor shall apply to the architect for such further drawings or explanations as may be necessary, and shall conform to the same as part of this contract, so far as they may be consistent with the original drawings; and in event of any doubt or question arising respecting the true meaning of the drawings or specifications, reference shall be made to the architect, whose decision thereon shall be final and conclusive; it is agreed and understood that the drawings, plans, and specifications are, and remain the property of the architect.

3rd. The party of the second part reserves the right of making any changes in the plans and specifications, and without additional cost to the city, provided, however, if any changes are made which create a greater cost or diminish the cost to the builder, then the value of the change, be it greater or less, shall be agreed upon by the agents representing the city in this contract and the contractor, before such change is made and before the execution of the work intended in such change; and the cost shall be added to, or deducted from, the contract price at final settlement.

4th. The contractor shall, after receiving written notice from the architect to that effect, proceed to remove from the ground on building all materials condemned by him, whether worked or unworked, or take down all portions of the work which the architect shall condemn as unsound or improper or as in any way failing to conform to the drawings and specifications and the conditions of this contract; the contractor shall cover, protect, and exercise due diligence to secure the work from injury; and all damage happening to the same by his neglect shall be made good by him. The contractor shall

permit the architect and any one or all of the agents of the city to visit and inspect the said work or any part thereof, at all times and places during the progress of the same.

5th. The contractor shall proceed with the work in a prompt and diligent manner, and shall and will wholly finish the said work on or before the first day of October, eighteen hundred and ninety, and in default thereof the contractor shall pay to the city the sum of five dollars for every day thereafter that the said work remains unfinished, as and for liquidated damages.

6th. Should the contractor be obstructed or delayed in the prosecution or completion of the work by any alteration which may be required, or by any damages which may happen thereto by fire or by the unusual action of the elements, then there shall be an allowance of additional time beyond the date set for completion of the said work; but no allowance shall be made unless a claim is presented in writing at the time of such obstruction or delay.

The architect shall award and certify the amount of additional time to be allowed, in which case the contractor shall be released from the payment of the stipulated damages for the additional time so certified, and no more.

7th. The contractor shall give his personal attention to the work, and shall furnish all materials and labor necessary to complete the entire building ready for occupancy according to the true intent and meaning of the drawings and specifications, notwithstanding every item involved is not particularly mentioned.

8th. And it is agreed between the parties that the sum to be paid by the city to the contractor for said work and mate-

rials shall be ten thousand six hundred and eighty-seven dollars, (\$10,687.)

9th. Payments will be made on the first day of each month, of eighty per cent. of the work done and materials in place, as estimated by the architect on said first day of said month.

The final payments of twenty per cent. to be made upon the completion and acceptance of the whole job to the satisfaction of the architect.

roth. In witness whereof the party of the first part and the party of the second part, through its authorized agents and the seal of the corporation, and the seal of the contractor have hereunto affixed their signatures.

(Seal.)

ALEXANDER SHAW.

A. G. NEAL,
E. H. FROST,
FRANCIS E. CAVERLY,
ALONZO M. FOSS,
HENRY E. PERRY."

The contract for heating and ventilating the building was awarded to the Middlesex Machine Co., whose representatives appeared before the City Councils in behalf of the "Mills system," for \$2,600.

VENTILATION FOR SAWYER SCHOOL, DOVER, N. H.

The ventilation is by means of a fan, ducts, motor necessary piping etc. The air is drawn through a cellar window through the heat stack, and thus warmed is forced to the amount of 576,000 cu. ft. per hour into a brick flue built along the middle wall next the cellar bottom and from this flue proceeds by means of galvanized iron flues to the various rooms.

Exhaust flues of equal size are provided from each room terminating in caps above the roof. The heat chamber is provided with a mixing damper to allow the fan to come into direct communication with the outer air in warm weather. The fan is driven by a Tank water motor and the water is then conducted to flush the water closets. The water closets must be made sanitarily in good condition by the city. From each water closet, an exhaust is provided by means of the flues now in walls and a Bunsen gas burner is placed in each to afford separate ventilation, if desired. We will also place a thermometer in heat flue (main duct) to give the fireman an opportunity to observe the temperature of the pure air entering.

MIDDLESEX MACHINE CO.,

By F. G. Perkins.

The furniture was purchased of the Grand Rapids School Furniture Co.

Changes from the original plan increased the cost somewhat and, with the delays of the Middlesex Co. in performing their contract, postponed the completion of the building beyond the specified time.

As the heating apparatus failed to fulfil the requirements of the contract, it was not accepted till March, 1892.

The building was occupied in January 1891, under a decision of the City Solicitor that such occupancy would have no effect upon the unfulfilled contract of the Middlesex Machine Co.

The entire cost of the building was as follows:

1890.

A. T. Ramsdell, plans and specifications	\$150 00
Alexander Shaw, stock and labor	11,372 10
Roonev & Burnham, labor	265 00

Geo. W. Perkins, stock and labor		00
V. Mathes, (contract) labor	69	96
Middlesex Machine Co., stock and labor, new		
building	1,600	00
A. Moulton & Co., (contract) stock and labor	545	16
Dover Water Works, stock and labor		22
Grand Rapids School Furniture Co., furniture	1,000	00
A. G. Whitcomb, furniture	141	28
Boston & Maine R. R., freight and storage	105	60
Williard T. Sanborn, travelling expenses	7	50
Francis E. Caverly, travelling expenses	7	50
A. M. Foss, travelling expenses	7	50
W. W. Cushman, travelling expenses		50
E. H. Frost, travelling expenses		50
J. T. Woodbury, travelling expenses	7	50
Henry E. Perry, travelling expenses	7	50
W. W. Oliver, expert engineer	28	68
J. R. Worster, stock and labor	23	31
Micajah Gilman, trucking		57
Preston Roberts, stock and labor		28
Geo. A. Webster, stock and labor		88
E. A. Herbert, electrical supplies	105	
Geo. J. Foster & Co., printing	ŭ	75
Strafford County Democratic Association, print-		, ,
ing	6	00
Scales & Quimby, advertising	7	00
	\$15,795	0.1
1801	313,193	04
1891.		
Newell H. Shaw	\$1	50
E. Morrill Furniture Co	_	15
J. L. Hammett	68	_
Charles E. Bacon	17	00

Dover Water Works	\$98 64
Grand Rapids School Furniture Co	71 99
	\$262 78
1892.	
Middlesex Machine Company	\$1,102 40
Total,	\$17,160 22

Respectfully submitted,

Albert G. Neal,
Francis E. Caverly,
E. H. Frost,
Henry E. Perry,
Building Committee.

Dover, N. H., April 1, 1892.

JOINT RESOLUTIONS

PASSED BY THE CITY COUNCILS IN 1891.

Resolved:

That in the matter of a bell and clock in the new city-building, the Building committee is hereby authorized to order and contract for a good, sufficient, powerful as well as firm toned bell, and a proper illuminated clock, at the lowest price for which the same can be obtained.

Passed Jan. 6.

IN CONVENTION OF CITY COUNCILS.

To the City Councils of the City of Dover:

The undersigned in accordance with the following resolution:

Resolved, "That a special committee be appointed, consisting of two aldermen and three councilmen, with authority to employ such assistance as may be necessary, who shall prepare a revision and modification of the various city ordinances, rules, and orders; and said committee shall report the same, together with city charter and amendments, such general and special laws as relate to municipal affairs."

Beg leave to submit the result of their labors and recom-

mend in case of acceptance and passage that the matter of printing be referred to the next City Government.

Respectfully,

DENNIS CASH,
FRANK W. MERRILL,
CHAS. C. BUNCE,
J. A. GRIMES,
CHAS. H. PRIME.

In the joint convention report accepted, and all the ordinances read and explained; then the convention dissolved.

IN BOARD OF ALDERMEN.

1st. Voted unanimously to suspend the rules.

2nd. Passed the reported ordinance by a unanimous vote, and the Mayor certified the passage Jan. 6.

To the City Councils of the City of Dover:

We, the undersigned, respectfully report that we have considered the matter of the annual appropriations for the current year and listened to the joint standing committee and heads of departments and submit the following annexed resolution as a suitable and sufficient tax resolution for the year 1891.

H. R. Parker,
W. T. Sanborn,
Francis E. Caverly,
C. H. Foss,
Daniel D. G. Langlands,
Joint Standing Committee.

Resolved:

SEC. 1. That the sum of \$109,550.00 be raised by taxation for the support of the various department, taxes and interests of the city of Dover, except when otherwise provided for during the year 1891 and the said sum of \$190,550.00 is hereby divided and appropriated as follows:

	Appro.	Asked
Highways	20,000	20,000 00
Fire dept	9,000	9,000 00
Miscellaneous expenses	2,500	
Police dept	8,000	
Salaries	5,000	
Printing and stationery	1,500	1,500 00
Bridges	1,500	2,000 00
Repair of school houses	3,000	3,177 95
Lights	9,000	9,000 00
Sewers	2,500	3,000 00
Sidewalks	3,500	4,000 00
Evening schools		
Schools in excess	7,850	
Text books and other supplies used in		
the public schools	1,500	
Pauper dept	2,500	
Support of prisoners	200	
Health dept	1,000	
Cemetery	1,500	1,700 00
Lands and buildings	1,100	1,100 00
Interest	8,000	
Cleaning school houses and vaults	250	
Public Library	4,750	4,750 00
City Park	500	500 00
City Farm	400	400 00

Hydrants	4,500	5,000 00
City debt	10,000	
	\$109,550	

Schools as fixed by law, \$15,883: county tax, \$28,115.28, and the state tax of \$22,690 is provided for and appropriated out of money coming from the state.

SEC. 2. The collector of taxes shall collect the sum voted in money.

Passed Jan. 29.

Voted to establish grade of said lot, (old city hall) now owned by Masonic Building Association, six inches higher at north-east corner and four inches higher at north-west corner.

March 18, by Mayor and Aldermen.

Resolved etc.:

That in accordance with the notice of the building committee, the municipal offices are ready for occupancy. The city messenger is hereby authorized to notify the several ofcers of the municipal departments to occupy the same at once.

Passed Nov. 13.

Resolved:

That the committee on lands and buildings be excused from further consideration of the subject of allotment of rooms in the new city building, and that the rooms designed for office purposes be assigned as hereinafter described:

Entering the building by the Central avenue entrance the first room on the right shall be for the use of the Mayor, the next for the water commissioners and fire commissioners, and the third, with vault, for the superintendent of water department.

The first room on the opposite side of the corridor, with the vault and fire proof room connected therewith, for the use of the city clerk, and the next room for city messenger.

Entering by the St. Thomas street entrance the first room on the right shall be for the use of the city civil engineer and superintendent of streets, the second for clerk of police court and health department, and the third for a committee room.

Entering by the Hale street entrance the first room on the right shall be for the use of the tax collecter, the next two rooms for the school committee and superintendent of schools.

On the opposite side of the corridor, i. e., entering by the same entrance, the first room on the left shall be for the use of the supervisors and assessors, and the second room for the assessors, and the joint special committee on furnishing are hereby directed to place the furniture, which the city has purchased for the building accordingly.

Passed Nov. 13.

CITY EXPENSES FOR 1891.

BEING AN ITEMIZED ACCOUNT MADE UP FROM THE BOOKS OF THE CITY CLERK AND CITY TREASURER.

The joint standing committee on finance present the following statement of all expenditures from December 31, 1890, to December 31, 1891. Items of payment to the same individual at sundry times are included in the aggregate amount given, if paid for the same object. Some department changes have been made, and the treasurer's report will show in some instances that checks issued have been kept over. Every effort has been made to pay all the bills for the current year.

STATE TAX.

Annual Appropriation, \$22,690.00.

Solon A. Carter, State Treasurer..... \$22,650 co

COUNTY TAX.

Annual Appropriation, \$28,115.28.

County Treasurer..... \$28,115 28

PUBLIC LIBRARY.

Annual Appropriation, \$4,750.00

Isaac F. Abbott, Treasurer Library..... \$4,750 00

CURRIER FUND.

The Mayor's orders	\$60 00
PUBLIC CONCERTS.	
Dover Cornet Band	\$150 00
STREET SPRINKLING.	
Jes. S. Abbott	\$472 50
Dover Water Works	200 00
	\$672 50
CITY OPERA HOUSE COMMISSION.	
Check No. 1232 per vote of Councils	\$500 00
BRIDGES.	
Appropriation, \$1,500.00	
Frank Davis, cutting ice	\$6 14
The United States, testing iron	2 75
G. F. Perkins, labor.	1 80
J. V. & D. E. Hanson, stock and labor	376 34
J. R. Worster, labor	9 37
B. D. Stewart, labor	10 15
A. J. Seavey, use of team	13 00
Payroll, labor	12 00
	\$431 55
CITY PARK,	
Annual Appropriation, \$500.00	
E. B. Foss, trucking	\$48 35

Strafford County Democratic Association, printing	\$5 00
Scales and Quimby	2 50
Geo. J. Foster & Co	2 50
E. L. Currier, 4 days labor	8 00
John McCooey, 4 1-2 days labor	6 75
B. F. Kennard, paint, oil, etc	67 60
Newell H. Shaw, painting	11 00
J. E. Shapleigh, 9 days labor	18 00
Payroll of labor in April	65 25
J. W. Lord, painting observatory per contract	74 00
Harris M. Shaw, carpenter work and stock	40 15
C. L. Jenness, hardware	4 60
** · *	\$ 252:50
	\$353:70
DOG FUND.	
DOG FUND. Claims presented before passage of Chapter 60,	pamphlet
	pamphlet
Claims presented before passage of Chapter 60, laws of 1891.	
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs	\$40 00
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " "	\$40 00 4 00
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " J. F. Burleigh, loss of hens " "	\$40 00 4 00 8 25
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " " J. F. Burleigh, loss of hens " " Wm. Colbath, Jr., " " " " " "	\$40 00 4 00
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " J. F. Burleigh, loss of hens " "	\$40 00 4 00 8 25
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " " J. F. Burleigh, loss of hens " " Wm. Colbath, Jr., " " " " " "	\$40 00 4 00 8 25 13 80
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " " J. F. Burleigh, loss of hens " " Wm. Colbath, Jr., " " " " " " H. C. Hill, " " " " " " " Geo. W. Tufts, " " " " " " John S. Wood, " " " " " " "	\$40 00 4 00 8 25 13 80 14 25
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " " J. F. Burleigh, loss of hens " " Wm. Colbath, Jr., " " " " " " H. C. Hill, " " " " " " " Geo. W. Tufts, " " " " " " "	\$40 00 4 00 8 25 13 80 14 25 10 50
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " " J. F. Burleigh, loss of hens " " Wm. Colbath, Jr., " " " " " " H. C. Hill, " " " " " " " Geo. W. Tufts, " " " " " " John S. Wood, " " " " " " "	\$40 00 4 00 8 25 13 80 14 25 10 50 5 75
Claims presented before passage of Chapter 60, laws of 1891. Geo. W. Page, damage to sheep by dogs Charles Watson, " " " " " J. F. Burleigh, loss of hens " " Wm. Colbath, Jr., " " " " " " H. C. Hill, " " " " " " " Geo. W. Tufts, " " " " " " John S. Wood, " " " " " " " Mrs. G. K. Willand " " " " " " " "	\$40 00 4 00 8 25 13 80 14 25 10 50 5 75 15 75

"

66 66

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66

6 00

8 25

\$154 45

M. A. Y. Hackett, "

A. R. Towle,

A. P. Andrews,

REPAIR OF SCHOOL HOUSES.

Appropriation, 3,000 oo.

			\$621 84
1 Sew	er Pipe (Co., pipe	7 50
tock	and labo	r	85 31
66	"		65 45
66	66		515 89
66	"		4 67
4.6	"		83 83
"	66		5 15
66	66		138 80
66	"		163 86
44	"		67 83
"	66		17 86
6.6	66		51 41
44	66		33 30
66	46		28 01
66	66		408 92
66	6.6		3 25
4.6	66		508 96
46	66		7 77
t, oil,	etc.,		64 01
			19 40
	"	• • • •	35 87
			2 00
			42 S9
66			79 00
66			73 75
ng			23 56
			6 00
			28 60
			16 82
	l Sew tock "" "" "" "" "" "" "" "" "" "" "" "" ""	I Sewer Pipe of tock and labor of tock and labor of the second of the se	"" ""

J. H. Burleigh & Son, iron work	\$2 50
E. A. Herbert, electrical appliances	7 ! 25
A. G. Whitcomb, furniture	287 10
J. A. Swazey, blackboards	77 76
Valentine Mathes, labor	1 00
American Express Co., express	I IO
A. A. Cheney, trucking	95
Micajah Gilman, trucking	39 61
D. Lothrop & Co., sundries	1 50
Wm. Sterns & Co., "	5 19
J. F. Seavey, "	2 00
Andrews M'f'g Co., furniture	6 85
Geo. S. Perry, supplies	33 24
	3,741 56
CLEANING SCHOOL HOUSES.	
Appropriation \$250.00.	
Lillie Davis, labor	\$17 00
Harry H. Emerson, labor	\$17 00 5 00
	•
Harry H. Emerson, labor	5 00
Harry H. Emerson, labor	5 00 6 00
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, "	5 00 6 00 4 00
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, "	5 00 6 00 4 00 7 00
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, "	5 00 6 00 4 00 7 00 4 00 4 00
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, " Etta B. Kelley, "	5 00 6 00 4 00 7 00 4 00
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, " Etta B. Kelley, " Ann Cooke, "	5 00 6 00 4 00 7 00 4 00 4 00 3 50
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, " Etta B. Kelley, " Ann Cooke, " Horace Emerson, payroll.	5 00 6 00 4 00 7 00 4 00 4 00 3 50 87 49
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, " Etta B. Kelley, " Ann Cooke, " Horace Emerson, payroll Geo. H. Patterson, "	5 00 6 00 4 00 7 00 4 00 4 00 3 50 87 49 106 68
Harry H. Emerson, labor George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, " Etta B. Kelley, " Ann Cooke, " Horace Emerson, payroll Geo. H. Patterson, " Louis Steuerwald, cleaning vaults	5 00 6 00 4 00 7 00 4 00 4 00 3 50 87 49 106 68 10 50
Harry H. Emerson, labor. George Pinkham, " Joseph Irwin, " Mary Tripe, " Maria Giles, " Etta B. Kelley, " Ann Cooke, " Horace Emerson, payroll. Geo. H. Patterson, " Louis Steuerwald, cleaning vaults Littlefield, Frary & Co., broom and brush.	5 00 6 00 4 00 7 00 4 00 4 00 3 50 87 49 106 68 10 50

SALARIES.

Appropriation, \$5,000 00.

H. R. Parker, Mayor.							. \$500 00
J. B. Stevens, Jr., City	Clerk						1,000 00
Board of Assessors							1,000 00
Geo. H. Demeritt, Cit	ty Mess	seng	er				. 600 00
Isaac F. Abbott, '	' Trea	asure	er				. 350 00
Wm. F. Nason,	' Soli	citor					300 00
Wm. E. Whiteley, Cle	rk Cor	nmo	n Co	oun	cil.		100 00
L. L. Gerry, City Civil	Engin	eer		٠			. 1,000 00
John W. Rines, Supe	ervisor						. 45 00
P. McArdle,							. 45 00
John C. Tasker,	6						45 00
Joshua L. Foster,	: 6						. 45 00
Fred E. Quimby,	: 6						45 00
Tristram A. Young, W	ard ser	vice				• • • • •	12 00
Joseph Rositer,	66	66					12 00
Frank L. Hayes,	66	66					12 00
Thomas Leavitt,	66	66					12 00
Charles E. Hanlon,	66	66					. 12 00
Herbert C. Grime,	66	66				•	. 15 00
Samuel H. Hull,	66	66					. 7 00
James Hayes,	"	46		٠			. 6 00
Chas. H. Morang,	66	66			,	•	. 6 00
Benj. L. Nudd,	"	66				• • • •	. 6 00
Oliver J. Clark,	46	66					6 00
L. M. Chadwick,	66	"					. 2 50
James Cassidy,	66	66					. 2 50
Frank L. Smith,	66	66				,	
James E. Whitehouse,	"	"				'	
Thomas Sherry,	"	66					
Frank E. Meserve,	"	66					· ·

John J. Barrett, James Cavanaugh, Michael Duffy, Michael C. Kelley, George E. Whipp, Patrick Mone,	c c c c c c c c c c c c c c c c c c c			2 2 2 3 3 3 3 3 3 3 3 2 2 5 2 2 0 0	
				5,446	00
	UBLIC BU				
Harris M. Shaw, carpen	iter work			. \$200	59
Newell H. Shaw, painti	ing			. 65	50
J. B. Wakeham, 5 days	labor, na	ails		. 23	32
Converse & Hammond,	stock			. 36	09
J. V. & D. E. Hanson,					00
Dover Water Works, se				_	00
George H. Shapleigh, o	_				00
John H. Jenness, labor	,			• 4	50
George Greenwood, lab					
	*		t		00
George A. Webster, "			t	. 3	50
Joseph S. Abbott, "			t	3	50· 00
Joseph S. Abbott, " John Baty, stock and la	abor		t	· 3 · 13 · . 7	50· 00 22
Joseph S. Abbott, " John Baty, stock and la A. Moulton & Co., stock	abor	bor	t	3 · 13 · . 7	50· 00

^{*}Belong in Police department.

J. Herbert Seavey, hardware C. L. Jenness, " Chris. Thompson, labor. E. B. Foss, trucking. J. E. Shapleigh, labor. Edward Shapleigh, labor. J. McCooey, " C. T. Newman, " Cocheco M'f'g Co., rent. Henry Law, " J. A. Walker, " Jennie P. Freeman, "	\$15 82 10 54 2 00 38 80 7 75 10 50 13 50 20 57 102 50 158 00 46 00 10 00
POLICE DEPARTMENT.	
Appropriation \$8,000.00	
Geo. S. Frost, Judge police court. Charles A. Tufts, "associate. "expense. A. G. Whittemore, clerk. James Fogerty, city marshal. "expense.	\$600 80 46 00 1 00 275 00 999 96 31 57
Edward A. Willand, assistant marshal Walter S. Sterling, police Chas. E. Stevens, Wm. H. Tibbetts, "	799 92 699 90 692 40 699 90

Geo. Shapleigh, special police	\$11 5	52
John Mallon, " "	518	34
Plummer Smith, " "	84 4	18
Joseph Tatro " "	1 9	92
Thomas Leavitt " "	1 9) 2
George Smith " "	76 8	30
Newell Young " "	44 1	16
D. S. Buck " "	4 8	87
Williams, Grimes, et als., payroll	42 2	24
M. Killoren, sundries	4 4	47
John P. Lovell Arms Co., buttons	9 (00
J. B. Folsom & Co., sundries	,	75
J. Herbert Seavey, hardware	2	15
John Baty, labor	τ	00
Valentine Mathes, fuel	16.	4 I
R. Haley & Co., "	6 (69
C. H. Trickey & Co. "	4 3	85
Dover Water Works, service	10	08
Consolidated Light & Power Co., lighting	108	18
Elijah Willey, labor	1	00
W. W. Cushman, team hire	16	00
G. W. Parker & Co., team hire	29	50
Jackson & Co.'s Express, express	3	30
Western Union Telegraph Co., telegrams	12	37
C. W. Smith, stationery	4	00
E. B. Lane, "	8	05
Strafford County Democratic Ass'n, printing and		
advertising	50	75
Scales & Quimby, printing and advertising	8	00
Geo. J Foster & Co., " " "	13	65
		_

340

MISCELLANEOUS.

Appropriation, \$2,500.00.

Western Union Telegraph Co., service	\$12 10
N. E. Telephone & Telegraph Co., service	102 60
American Express Co., express	3 85
Jackson & Co.'s Express "	75
American and Niles & Co.'s Express, express	1 10
Fred H. Foss, postage	40 70
Charles E. Hodsdon, striking time	25 00
Charles H. Horton, binding	41 09
C. W. Smith, stationery	6 12
E. B. Lane, "	69 75
Greylock Pen Co.,"	3 00
The Lyon Platinum Co., pens	6 00
J. B. Stevens, Jr.,	
Preparing city reports	2 85
Making 3 returns	75 00
Statistics etc	127 05
R. N. Ross and A. O. Mathes, auditors	20 00
Geo. J. Foster & Co., advertising and printing	76 60.
Scales & Quimby " " "	56 20
Strafford County Democratic Association, adver-	
tising and printing	140 10
Dover Water Works, service	350 00
C. H. Trickey & Co., fuel	42 17
Dover Wood Co., "	36
Valentine Mathes "	21 46
Jenness & Harvey, team hire	1 50
W. W. Cushman " "	1 50
G. W. Parker & Co., " "	34 00
Henry Sterling, jobbing	5 8o
C. A. Davis, "	50

J. J. Dignam, jobbing	\$ 60)
John McGlone "	1 50	,
Daniel Hodgdon "	2 15	,
Micajah Gilman "	1 85)
Annie M. Bliss, type writing	6 35	,
Mary O. Franklin, type writing	2 58	,
S. L. Huntress, labor	102 37	
H. C. Grime, Insurance and copying	143 00	,
Crawford, Tolles & Co., insurance	309 50)
D. H. Wendell, "	267 61	
Frank F. Fernald, "	187 00	,
H. A. Redfield, "	247 74	ŀ
Charles A. Tufts, "	67 00)
G. B. Prescott, "	207 77	,
Frank P. Shepherd "	150 00)
W. L. Sanborn, keeping watering trough	3 00)
J. Ottmann, check books	15 25	,
Mrs. M. Murphy, damage to domestic animal	3 00)
Charles King, " " " "	6 25)
Town of Rollinsford, tax	11 70)
Thomas Groom & Co., blank books	5 50)
B. D. Stewart, labor and stock	3 60)
N. J. Batchelder, dog blanks and book	4 50)
Wm. B. Foss, labor	10 50)
Consolidated Light & Power Co., labor	60)
Hugh Kelley, labor	65	,
Wm. H. Vickery, vaccine points	8 76	;
A. W. Willand, labor in Ward Two ward house	10 00)
Wm. P. Tuttle, keeping watering trough	10 00)
A. R. Clark, labor	5 00)
Samuel Stevens, labor	5 00)
P. McArdle, "	3 00)
I. H. Steuerwald "	12 00)

J. A. Walker, rent,

\$54 00

5 00

85 00

75 00

2	1.					٥.
Cocheco Manufac						68 33
Jennie P. Freema	ın, re	nt			• • • • • • •	120 00
Geo. P. Morgan,	returr	birth	s and	deatl	1S	36 00
M. B. Sullivan,	"	66	66	66		26 00
A. P. Richmond	44	46	66	4.4		25 00
J. H. Wheeler	66	66	66	66	• • • • • •	20 50
J. O. Guimond	66	66	66	66		26 00
M. C. Lathrop	66	66	46	6.6		49 00
J. D. O'Doherty	66	66	66	66		18 75
G. E. Osgood	"	66	"	66		1 50
Smith & Chamber	lin"	66	4.6	66		39 75
John R. Ham	"	"	66	66		35 75
S. Craig Marsh	66	66	66	66		1 50
R. G. Blanchard	66	66	66	"		31 00
Levi G. Hill	66	66	66	6.6		28 50
H. A. Jendrault	66	66	66	66		5 50
						\$3,705 56
		SF	ECIAL.			
Strafford Guards,						\$100 00
Sawyer Rifles,	66					100 00
C. W. Sawyer Po	st, "					200 00
Ringing bells, (p						33 00
Dover Water Wor						12 50
Chas. E. Hodsdon, striking Cambridge time, etc.,					30 00	
Wm. F. Nason, e.						10 74
Chas. A. Tufts, w	itness	fees.		• • • • •		15 00

M. B. Sullivan, expert service.....

John R. Ham,

M. C. Lathrop,

E. B. Lane, books, blanks, etc.,	\$20 04
Frank H. Bennett, to settle claim for damage	20 00
I. W. Lougee, advertising	4 00
W. W. Cushman, team hire	12 00
E. C. Morris & Co., rent of safe	42 00
W. J. Foye, and others	16 00
Maud M. Nason, labor	6 00
Aaron Pinkham, witness fees	2 00
John McGuigan, " "	1 37
John Place, " "	1 37
Patrick McShane, verdict	354 21
Andrew T. Roberts, labor	1 75
George A. Webster, half of fine, violation of game	
law	5 00
James Grimes, labor	I 37
J. H. Grimes, sheriff fees	3 98
John S. Glass, expense	3 50
Wm. S. Mathes, claim of Lydia Gilman	279 52
H. C. Grime, labor	5 25
S. L. Huntress, "	82 69
M. Augusta Hodsdon, labor	3 00
A. G. Whittemore, expense	I 37
O. L. Fernald, and others, trial of hydrants	16 25
Geo. W. Avery, refunding license fee	10 00
David M. Webber, " "	10 00
Cyrus Littlefield, witness fee	I 37
Micajah Hanscom, " "	I 37
James H. Davis, labor in city suits	48 23
Walter W. Scott, labor	2 00
J. G. Hall, attorney's fee	25 00
J. H. Randlett, repairing because of damage to	
carriage	4 00
Western Union Telegraph Co., service	66

Chas. A. Richmond, cuts of city hall	\$21 00
Free Press Pub. Co., advertising	4 25
Boston Herald Co., "	4 12
Strafford Co. Dem. Ass'n, advertising	13 00
Scales & Quimby, "	4 50
Geo. J. Foster & Co., "	28 25
	\$1,726 66
	. ,,
CITY HALL.	
Interest	\$3,187 50
Geo. G. Adams, architect	3,704 83
Joshua Sears, painting and decorating	2,600 00
B. F. Chadbourne, inspector	1,396 25
McIntyre & Abbott, contractors	41,709 00
E. A. Abbott, stock and labor	679 36
J. J. & T. F. Mack stock and labor	1,199 90
J. B. Stevens, Jr., clerk of committee	75 00
Kendall & Slade, electric lighting furniture	1,365 15
Henry M. Harper, painting	629 65
N. P. Gifford, stock and labor	647 69
Joel Knapp & Son, stock and labor	1,014 02
W. A. Snow & Co., " " "	488 00
Middlesex Machine Co., heating and ventilating	7,876 53
Haverhill Iron Works, stairs, etc	1,224 08
Somersworth Machine Co., sundries	17 96
Belknap Motor Co., motor	48 00
A. Moulton & Co. and Littlefield, Frary & Co.,	
plumbing	4,421 24
Littlefield, Frary & Co., stock and labor	263 15
D. Foss & Son, stock and labor	34 83
Converse & Hammond, stock and labor	105 83
J. Herbert Seavey, hardware	180 20

Valentine Mathes, fuel	\$543 00
C. H. Trickey & Co., "	432 90
R. Haley & Co.,	349 50
Eaton & Dean, stock and labor	44 15
W. W. Cushman, insurance	70 00
J. S. Abbott, labor	143 58
I. B. Williams & Sons, stock	24 14
George & Langmaid, stock and labor	37 38
F. E. Grant, labor	28 83
Boston & Maine R. R., freight	35 47
Charles R. Foss, expense	55
John Mallon, labor	9 00
Geo. A. Frost, "	30 00
E. C. Morris & Co., safe work	103 31
Jackson & Co., express	2 15
J. H. Randlett, iron work	117 50
Samuel Smith, iron and steel work	62 48
F. P. Stevens, labor	3 50
Samuel West, glass	104 00
James H. Kennedy, labor	14 35
George Shapleigh, labor	4 99
Bubier & Co.,	46 00
J. B. Folsom & Co., paint, etc	53 00
Newell H. Shaw, labor	6 35
S. H. Foye, tablet	70 00
E. Morrill Furniture Co., furnishings	204 00
John W. Howe, labor	3 50
S. Bonser, "	3 08
James M. Rilev, labor on tower	208 00
B. Frank Nealley, expense	6 50
J. L. Foster & D. Cash, expense	4 10
Crawford, Tolles & Co., insurance	20 00
G. B. Prescott, "	97 75

Chas. A. Tufts,	insurance		\$130 00
D. H. Wendell,			60 00
H. A. Redfield,			20 00
H. C. Grime,			30 00
Pay rolls, labor			2,486 98
			\$78,458 21
			.1-,43
	HEALTH.		
در	appropriation, \$1,000	0 00.	
C. M. Jones, salary	13 months		\$758 45
Charles A. Fairban	ks, salary as City Pl	nysician	100 00
C. H. Hall, settlen	nent of old health bi	11	75 00
Strafford Co. Dem.	Ass'n, printing	• • • • • • • •	9 00
Scales & Quimby,		• • • • • • • •	8 75
E. B. Lane, station	ery		2 25
C. W. Smith, "			So
	raccine points, etc.,.		13 90
*	y, sundries		7 86
Lothrops & Pinkha		• • • • • • • • •	4 30
B. F. Kennard,		• • • • • • • • •	3 So
Stevens & Credifor			10 00
A. E. Parker,			62
Converse & Hamm	ond, stock		1 10
			8995 83
P	RINTING AND STATION	VERY.	
	Appropriation \$1,50	0 00	
Strafford Co. Dem.	Ass'n, printing and	advertising	\$103 80
Scales & Quimby,	"		699 83
Geo. J. Foster & C	···	"	324 45
E. L. Howes & Co		66	2 25
			,

Ned E. Stiles, printing and advertising	\$4 00
Charles H. Horton, binding	51 40
J. Ottmann & Co., check books	13 50
Edson C. Eastman, blank book	4 50
Herbert C. Grime, type writing	1 00
E. B. Lane, stationery	5 90
C. W. Smith, "	19 50
Fred H. Foss, postage	3 00
Wm. H. Vickery, stationery	10 85
	\$1,243.98
	, , 13 ,
CEMETERY.	
Appropriation, \$1,500.	
Frost & Adams, carpenter work	3 95
Converse & Hammond, stock	17 99
S. B. Wakeham, labor	4 69
Estate of G. W. Page, labor	10 00
J. R. Worster, carpenter work	7 78
E. B. Lane, stationery	1 00
G. W. Parker, team hire	3 00
C. H. Trickey & Co., team hire	134 75
Charles A. Davis, seeds, flowers, etc	6 00
Littlefield, Frary & Co., repairs about house, etc.	43 32
Joseph Bedell, painting	164 33
Scales & Quimby, printing	4 00
Strafford Co. Dem. Ass'n, printing	3 50 1
William Elder, stone	37 35
R. Haley & Co., coal	II 20 J
W. F. Gage, team labor	82 00/
Fred Grindy, labor	26 25

D. Foss & Son, stock.....

1 25

J. Herbert Seavey, hardware. J. B. Folsom & Co., paint, etc. C. L. Jenness, hardware. Superintendent's payrolls.	\$ 85 1 95 7 86 888 50
	\$1,461 52
PAUPER DEPARTMENT.	
Appropriation, \$2,500 00.	
George W. Gray, Overseer	\$2,662 10
SUPPORT OF PRISONERS.	
Appropriation, \$200 co.	
Strafford County	\$252 20
State Industrial School	33 86
	\$286 06
SIDEWALKS.	
Appropriation, \$3,500 00.	
Geo. W. Horne & Co., brick	\$1,096 62
William L. Elder, stone	271 20
Joseph S. Abbott, "	163 91
Furbush & Spinney, iron work	20 00
Lazer Conier & Son, laborJ. V. & D. E. Hanson, stock	8 50 16 89
Strafford Co. Dem. Ass'n, printing	4 00
Superintendent's payrolls	1,793 16
	\$3,374 28

SEWERS.

Appropriation, \$2,500 00.

\$1,713 67
78 00
35 00
189 84
54 75
23 78
1 08
S 25
5 00
3 17
5,057 12
\$,7,169 66
4 50
4 50 1 50
1 50
1 50° 7 50
7 50 3 80
1 50 7 50 3 80 11 60
1 50 7 50 3 80 11 60
1 50° 7 50 3 80° 11 60 \$28 90°
1 50° 7 50 3 80° 11 60 \$28 90°
1 50° 7 50 3 80° 11 60 \$28 90°
1 50 7 50 3 80 11 60 \$28 90 175 76

J. F. Seavey, pigs	\$12 00
Geo. J. Foster & Co., advertising	5 00
	\$333 25
FOURTH OF JULY.	
Frank W. Merrill	4 50
Harris M. Shaw	5 27
	\$9 77
WATER WORKS.	
John S. Hussey, land taken to improve water sup-	
ply	3,600 00
	
CITY OPERA COMMISSION.	
Cash, in accordance with ordinance, to begin	
business with	500 (0
FREE TEXT BOOKS.	
Appropriation, \$1,500 00.	
Isaac F. Abbott, school treasurer	\$1,500 00
SCHOOLS.	
Appropriation, \$23,617 50.	
Isaac F. Abbott, school treasurer	23,617 50
LIGHTS.	
Appropriation, \$9,000 oo.	
E. Goodwin, carting and labor	4 00

Dover Gas Light Co., service	\$275 28
Consolidated Light & Power Co., service	8,959 67
	\$9,238 95
GRADING AND CURBING CITY HALL LOT.	
George K. Weeks, labor	6 75
William L. Elder, stone	540 00
William Simes, carpenter work	7 50
Dover Ice Co., team work	83 38
J. H. Randlett, iron work	19 85
Converse & Hammond, stock	² 5 35
George & Langmaid, stone and setting	159 60
John W. Hall, setting stone	40 50
Pay rolls, labor	905 00
	\$1,787 93
	2,101 93
	27,101 93
CITY HALL BELL AND CLOCK.	23,101 93
Meneely & Co., bell	\$1,249 00
	\$1,249 00 62 49
Meneely & Co., bell	\$1,249 00
Meneely & Co., bell	\$1,249 00 62 49
Meneely & Co., bell	\$1,249 00 62 49
Meneely & Co., bell	\$1,249 00 62 49
Meneely & Co., bell J. J. & T. F. Mack, labor CITY PARK. Appropriation, \$500.00. Strafford Co. Dem. Asso., printing	\$1,249 00 62 49
Meneely & Co., bell J. J. & T. F. Mack, labor CITY PARK. Appropriation, \$500.00. Strafford Co. Dem. Asso., printing	\$1,249 00 62 49 \$1,311 49
Meneely & Co., bell J. J. & T. F. Mack, labor CITY PARK. Appropriation, \$500.00.	\$1,249 00 62 49 \$1,311 49
Meneely & Co., bell J. J. & T. F. Mack, labor CITY PARK. Appropriation, \$500.00. Strafford Co. Dem. Asso., printing Geo. J. Foster & Co., "	\$1,249 00 62 49 \$1,311 49
Meneely & Co., bell J. J. & T. F. Mack, labor CITY PARK. Appropriation, \$500.00. Strafford Co. Dem. Asso., printing Geo. J. Foster & Co., " Scales & Quimby, "	\$1,249 00 62 49 \$1,311 49 5 00 2 50 2 50
Meneely & Co., bell J. J. & T. F. Mack, labor CITY PARK. Appropriation, \$500.00. Strafford Co. Dem. Asso., printing Geo. J. Foster & Co., " Scales & Quimby, " E. L. Currier, labor	\$1,249 00 62 49 \$1,311 49 5 00 2 50 2 50 8 00

C. L. Jenness, hardware	\$4 60
J. E. Shapleigh, labor, self and hands	83 25
J. W. Lord, painting observatory	74 00
Harris M. Shaw, stock and labor	40 15
Newell H. Shaw, painting	11 00
B. F. Kennard, paint, oil, etc	67 60
	\$353 70
ENGINEERING DEPARTMENT.	
C. H. Trickey & Co., office rent	91 44
E. B. Lane, paper, etc	I 75
C. W. Smith, " "	41 04
Converse & Hammond, stakes, etc	10 29
Foote & Snell, hardware	1 40
Buff & Berger, repairing instruments	5 65
James McRem, four days labor	6 00
P. McArdle, four days labor	10 00
Walworth M'f'g Co., lubricator	10 00
John E. Holland, assistant	4 00
Leon H. Goodwin, "	311 45
	8493 02
HYDRANTS.	
Appropriation, \$4,500 00.	
Dover Water Works, service	4,500 00
FIRE DEPARTMENT.	
Dover Water Works, service	42 So
E. Goodwin, labor	I 00
Fred Jackson, "	2 00

B. & M. R. R., freight	78
John T. W. Ham, blanket	6 00
James Gallagher, stationery	1 00
Thomas Agnew, keeping reservoirs clean	50 00°
S. Hussey Bros., fuel	3 00
Scollay & Rich, oil	5 40
Jackson & Co., express	2 50
H. A. Pattee, four curtains	1 32
I. B. Williams & Sons, steam gong	100 36
M. F. Whiton & Co., iron rope	6 00
Morss & Whyte, wire box	12 00
Asa G. Ham, care electrical apparatus	22 92
J. H. Randlett, iron work	16 00
Bay State Belting Co., oil	6 40
Henry Sterling, trucking	4 00
T. F. Drew, work on H. & L. tools	13 50
C. W. Tuttle, expense and work on fire alarm	10 25
" mason work in repairs	30 15
James A. Grimes, 1 pole	3 50
Lewis F. Pease, painting alarm boxes and signs	9 25
Cocheco M'f'g Co., rent	20 83
Valentine Mathes, fuel	49 75
C. H. Trickey & Co., fuel	48 50
Manchester Locomotive Works, sundries	3 75
John Baty, stock and labor	16 12
Walter T. Perkins, stock and labor	27 87
Geo. W. Simmons & Co., vest buttons	8 50-
A. W. Mitchell M'f'g Co., five badges	3 75
B. Frank Nealley, cotton cloth	4 74
John W. Place, care of steamer at City Farm	22 50
Littlefield, Frary & Co., 1epairs etc	10 04
Fire Commission, expense	15 07
H I Brewster labor	12.75

Converse & Hammond, stock	\$3 74
Charles H. Cushing, grain	143 10
Scales & Quimby, advertising, etc	28 50
Strafford Co. Dem. Ass'n, " "	5 00
Strafford Co. Dem. Ass'n, " "	13 90
Trustees J. F. Hayward, three fire coats	18 00
S. B. Hartford, hay	10 24
Frank L. Smith, wood	2 75
George Shapleigh, labor	8 25
George P. Palmer, two gallons oil	2 50
Foot & Snell, hardware	6 84
J. Herbert Seavey, "	75
C. L. Jenness, "	13 01
J. B. Folsom & Co., paint, etc	24 84
Consolidated Light & Power Co., service	18 18
Eugene Smart, care of Steamer No. 2	10 00
C. W. Smith, stationery	3 95
H. A. Hall, blacksmith work	26 00
A. Moulton & Co., repairs	14 So
Jenness & Harvey, two teams	3 50
Lebbeus Hill, hay	17 60
R. G. Bishop, repairing engine house	372 25
N. E. Gamewell Co., supplies	53 62
David M. Howard, sponges, etc	2 60
James A. Thompson, steward	675 25
William E. Rand, "	675 25
Steamer No. 2, payrolls	137 50
Steamer No. 3, "	887 23
Steamer No. 4, "	847 83
Hook & Ladder, "	990 48
Cocheco Hose Co., "	1,480 00
Board of Engineers, "	364 97
Wm. W. Willand	00 00

Smith W. Gray	\$47 50
	\$7,596 23
CITY HALL FURNISHINGS.	
Grand Rapids School Furniture Co., furnishings	\$6,426 08
E. Morrill Furniture Co., furnishings	2,545 09
R. Hollings & Co., gas light furniture	2,573 28
O. L. Story, scene painting	1,600 00
Geo. H. Richter & Co., safe shelving	225 00
Kendall & Slade, electric furnishing	1,034 79
Geo. H. Flickenger, setting up furniture	475 00
Geo. T. McLauthlin, elevator	225 00
E. A. Herbert, electric furniture	261 00
Elastic Tip Co., sundries	3 75
Boston & Maine R. R., freight	441 90
E. B. Foss, paid freight and express	99 30
F. W. Merrill, committee expense.	107 91
Charles E. Hodsdon, clocks, etc	248 50
H. C. Grime, sundries	4 50
Ed. Caverly, labor	31 50
Converse & Hammond, stock	36 85
D. Foss & Son, stock	21 84
Harris M. Shaw, carpenter work	1,289 18
J. H. Randlett, iron work	21 25
W. A. Morrill, furnishings	441 43
George Shapleigh, carpenter work	379 25
John W. Howe, lettering signs, etc	16 41
Newell H. Shaw, paint and painting	157 19
A. G. Clark, furniture	60 65
Littlefield, Frary & Co., stock and labor	51 06
Frank H. Keenan, labor	19 00
Herbert M. Stevens, "	16 00

Mary A. English, labor A. Moulton & Co., stock and labor C. L. Jenness, hardware J. E. Goodwin, labor J. B. Folsom & Co., paint, etc.	\$9 00 66 75 46 41 22 00 2 58
j. b. i olsom ee eo., paint, etc	\$18,959 36
HIGHWAYS.	
J. F. Wessenger, stock and labor	\$33 65
Cyrus Littlefield, hay	140 08
Dover Water Works, service	18 50
J. S. Abbott, labor	4 20
J. A. Clough & Son, grain	695 88
C. W. Demeritt, hay	10 93
Samuel B. Hartford, hay and bedding	52 17
George Perkins, carpenter work	30 56
David M. Howard, stock and labor	15 65
Frank 7. Snell, blacksmith work	3 25
Foot & Snell, hardware	59 56
Lebbeus Hill, hay and bedding	185 65
Nath'l Parker, " "	11 62
Samuel Bonser, stock and labor	80 61
E. B. Lane, stationery	1 95
M. B. Hutchings, doctoring horses	35 00
John K. Tibbetts, cutting down trees	12 00
Henry Sayward, gravel	60 50
J. B. Folsom & Co., paints, oil, etc	17 93
F. C. Howard, labor	2 25
C. L. Wolcott, two lanterns	1 00
J. H. Randlett, work on certs, etc.,	104 60
George & Langmaid, stone work	11 30
J. Herbert Seavey, hardware	156 32

J. W. Hartford, stock and labor	\$23 40
Strafford Co. Dem. Ass'n, advertising	54 35
C. L. Jenness, hardware	65 31
Converse & Hammond, stock	46 35
Furbish & Spinney, blacksmith work	358 30
Robinson Rea. M'f'g Co., castings	85 00
C. H. Trickey & Co., coal for crusher	98 25
Somersworth Machine Co., castings	77 49
Valentine Mathes, grain etc.,	383 10
W. L. Elder, stone and labor	175 41
Boston & Maine R. R., freight	3 88
Tibbetts & Clark, carpenter work	15 40
Patrick Clark, labor	9 00
Samuel Emerson, stone and labor	37 35
Scales & Quimby, advertising	18 00
J. V. & D. E. Hanson, stock and labor	43 30
Parker & Kennedy, pair horses	250 00
B. D. Stewart, stock and labor	72 74
Wm. H. Hacking, " "	24 10
W. B. Guy, self and horse	25 50
Hiram Burley, labor	7 50
A. J. Seavey, doctoring horses	39 00
Rochester Foundry and Machine Co., castings	30 00
Consolidated Light & Power Co., service	37 70
Dover Cement, Drain & Sewer Pipe Co., pipe	536 81
Cocheco M'f'g Co., sundries	4 50
Hiram F. Snow, crossings	140 00
C. W. Hull, blacksmith work	69 55
I. B. Williams & Sons, sundries	10 32
Beach Soap Co., soap	2 04
Peter Drapeau, labor	31 40
C. H. Dearborn, blacksmith work	96 08
Whitehouse & Pinkham, sundries	\$22 96

J. H. Burleigh & Son, blacksmith work	\$64 00
H. Law, repairing harnesses, etc	64 05
Harris M. Shaw, carpenter work	2 01
Varney's Pharmacy, horse medicine	3 5 5
Geo. J. Foster & Co., advertising, etc	24 00.
Walter S. Perkins, repairs	2 50
District No. 1	11,541 13.
DISTRICT NO. 4.	
Orrin Bolo	\$51 72
W. S. Babb	11 50
J. Wentworth	1 80
Joseph Gilman and oxen	29 70
W. T. Page	38 25
W. T. Page, men and oxen	98 10
W. T. Page, teams and loam	38 49
Harry Page	16 87
Frank Page	34 87
Elmer Pray	19 75
Frank Pray	7 50
M. Littlefield	17 12
J. Littlefield	10 50
C. Littlefield	3 50
Cyrus Smith	3 75
John Pray	187
John Baxter	6 38
Frank Fall	5 62
Joseph Gilman	18 75
Robert Jordan	5 25
Walter Jordan	2 25
Andrew Rollins	3 00
G. W. Page Estate	49 50
	\$476 04

DISTRICT NO 5.

3	
W. F. Gage and horses	\$43 95
Sidney Young	13 65
Frank Henderson	5 55
Daniel Gage	23 70
Cyrus Smith	3 30
Montgomery Smith	3 00
John Hanson	1 05
Benjamin Hussey	60
Charles Hussey	1 50
Charles Hussey and oxen	21 75
Thomas Bickford	2 55
	\$120 60
district no. 6.	
Daniel A. Gage	\$23.75
Daniel A. Gage, horses	50 00
Daniel A. Gage, nails and spikes	95
Daniel A. Gage, 2200 feet pine plank	44 00
Daniel A. Gage, 80 feet spruce	1 28
Daniel A. Gage, 79 " boards	1 26
Daniel A. Gage, carting	90
Frank Lord	90
Frank Lord and horses	9 00
Frank Lord, horses	7 50
Stephen Walsh	9 50
Thomas Walsh	8 50
Win. E. Rines	5 50
Wm. E. Rines horse	2 25
Frank Varney	5 25
Frank Varney, horses	3 00
Ivory Varney	
	7.5

Ivory Varney and oxen	\$2 25
Ivory Varney, oxen	5 00
John Hersom and horses	13 50
E. C. Varney	4 25
M. L. Lord	2 25
M. L. Lord and horses	10 50
M. L. Lord, horses	3 00
Charles Staples	4 50
Charles Staples, Jr	4 50
Stearns Corson	3 00
Hiram Corson and horses	9 00
Arthur G. Varney	1 50
Shubael V. Lord	1 80
	\$247 44
DICUDIOU NO 7	
DISTRICT NO. 7.	
W. T. Wentworth, men and horses	\$35 25
Jasper Hayes	2 10
	\$37 35
district no 8.	
Freeman Hussey	\$10 50
Freeman Hussey, horses	13 50
A. J. Sterling	10 50
A. J. Sterling, horses	11 10
Nathaniel Horne	45
Nathaniel Horne, horses	90
C. O. Baker	45
	\$47 40
DISTRICT NO 9.	
James Y. McDuffee	\$3 15

George D. McDuffee	\$5 85
C. Hayes	1 95
Charles Mitchell	1 80
Eli Page	2 40
C. H. Cole	т 80
G. I. Jenness	1 35
W. T. Wentworth	4 95
W. H. Johnson	7 80
	\$31 05
DISTRICT NO. 10.	
Charles H. Cole, man and horse	\$7 95
Jesse Cole and horses	9 45
G. I. Jenness and horses	7 35
Eli Page, man and oxen	2 40
	\$27 15
DISTRICT NO. II.	
George Pinkham and team	\$26 55
Henry Pinkham "	21 75
Henry Pinkham " "	7 50
J. W. Clements	7 50
J. W. Clements	7 50 19 50
J. W. Clements	7 50 19 50 3 60
J. W. Clements	7 50 19 50 3 60 4 50
J. W. Clements	7 50 19 50 3 60 4 50
J. W. Clements J. W. Clements and team John Henderson and oxen John Henderson, oxen John Henderson, 85 loads gravel C. S. Roberts.	7 50 19 50 3 60 4 50 12 75 10 50
J. W. Clements	7 50 19 50 3 60 4 50 12 75 10 50
J. W. Clements J. W. Clements and team John Henderson and oxen John Henderson, oxen John Henderson, 85 loads gravel C. S. Roberts C. S. Roberts and team John Hanson.	7 50 19 50 3 60 4 50 12 75 10 50 15 75 4 50
J. W. Clements J. W. Clements and team John Henderson and oxen John Henderson, oxen John Henderson, 85 loads gravel C. S. Roberts C. S. Roberts and team John Hanson. Elbridge Gage	7 50 19 50 3 60 4 50 12 75 10 50 15 75 4 50 5 70
J. W. Clements J. W. Clements and team John Henderson and oxen John Henderson, oxen John Henderson, 85 loads gravel C. S. Roberts C. S. Roberts Dohn Hanson Elbridge Gage Heman Blackwood	7 50 19 50 3 60 4 50 12 75 10 50 15 75 4 50 5 70 90

Alphonso Austin	\$7.50
John Nute	7 50
Wm. Penn Tuttle	15 00
Wm. Penn Tuttle, team	7 50
George Austin	3 75
Stephen Austin	2 25
Stephen Austin, team	2 25
True Hanson	4 50
True Hanson and team	32 40
Charles Cushing	1 50
Israel Cousens	2 25
John Coleman	2 25
Luther Coleman	2 25
	\$278 03
DISTRICT NO. II I-2.	2-70 03
J. W. Ford, men and horse	\$36.00
G. W. Ford, "	48 75
G. W. Ford, 242 loads of gravel	40 33
I. F. Pinkham and horse	6 00
C. H. Morang "	17 25
Wm. Card "	12 75
J. Parle	16 35
True Hanson and horses	12 75
Felix Deelos	24 75
Alonzo Pinkham	8 85
Thomas Parle and team	15 00
E. O. Pinkham	2 55
Aaron Pinkham and team	5 55
James Ford	90
George Card	45
Heman Blackwood	45
	\$2.18 68

365

DISTRICT NO. 12.

A. Schuyler	\$21 45
A. Schuyler and horse	36 00
A. Schuyler, horse	9 75
A Schuyler, 110 loads gravel	00 11
A. Schuyler, plank and spikes	40
Daniel Drew	6 90
Daniel Drew, and horse	12 00
Daniel Drew, horse	7 50
Patrick McDonough	
Charles Cushing	6 00
Charles H. Twombly	14 85
Charles H. Twombly, horses	27 00
Charles H. Twombly, use of plow	
Stephen Austin	
Stephen Austin, horse	
Stephen Austin, 45 loads gravel	
1. Varney	
I. Varney, horse	
Joseph Wingate	
Joseph Wingate, oxen	
R. A. Varney, 45 loads gravel	
James O'Neil	
Peter McDonough	
H. R. Twombly	
C. W. Twombly	
Charles Varnev	
•	\$262 65
	\$202.05
DISTRICT NO. 13.	
William P. Tuttle	\$3 00
William P. Tuttle, man	
	. 00

Thomas Gage	\$6.60
Thomas Gage, man	1 57
Thomas Gage, oxen	13 95
Frank Varney	7 12
Frank Varney, men	13 50
Frank Varney, horses and oxen	37 87
Ai Austin	5 70
	\$96 66
DISTRICT NO. 15.	
John H. Watson	\$27 00
John H. Watson, horses	12,00
Thomas E. Watson	20 25
Thomas E. Watson, 62 loads of gravel	14 20
Sam'l I. Hanson	15 00
Sam'l I. Hanson, oxen	24 00
Thomas Roach	5 25
Patrick McDonald	1 50
Charles Lilly	i-50
John Doherty	75
Thomas Sweeney	3 00
John Nute	2 25
	\$126 70
DISTRICT NO. 16.	
John T. G. Tuttle	\$30.90
John T. G. Tuttle and man	17 10
John T. G. Tuttle, horses	10 20
Edgar Meserve	27 68
Andrew Meserve	44 25
Andrew Meserve, oxen	9 00
Joseph Gagner	8 55
Joseph Gagner and man	4 50
•	

Joseph Gagner, horse	\$2 85
Thomas P. Drew	42 96
Thomas P. Drew, and man	F1 10
Thomas P. Drew, and oxen	6 75
Thomas P. Drew, men	15 75
Thomas P. Drew, oxen	52 20
Thomos P. Drew, posts and poles:	3 00
Thomas P. Drew, 54 loads of sand	5 40.
Charles Wadleigh	9 76
Samuel T. Dunn	14 60
Samuel T. Dunn, oxen	37 80
Greenleaf Nute	13 58
Greenleaf Nute, oxen	19 80
Ham Foss	3 52
Ham Foss, and horses	4 50
Ham Foss, horses	6 75
Mark Chase	3 52
Mark Chase, horses	6 75
H. Drew	13 35
James Meserve	11 85
Frank Prescott	9 90
Frank Prescott, horses	10 50
	\$458 37
	2450 37
DISTRICT NO. 17.	
Herbert Wadleigh	\$4.50
Herbert Wadleigh, team	4 50
J. B. Towle	33 30
J. B. Towle, team	30 90
J. B. Towle, lumber and iron work	5 85
J. B. Towle, snow-plough (labor)	9 00
Albert Austin	24 00
Albert Austin, team	31 50

Peter Peverly	\$9 75
Peter Peverly, team	19 50
Joseph Gagner	12 00
Charles Cassily	15 45
Charles Austin	5 85
Hayes Perkins	30 75
Hayes Perkins, horse	3 90
Hiram Towle	75
Charles Wadleigh	26 25
Jasper E. Hackett	31 50
Jasper E. Hackett, team	30 75
Thomas Twombly	5 85
Edwin Hackett	10 50
Edwin Hackett, horse	5 25
W. H. Ford	4 20
Thomas Nute	7 80
Thomas Nute, oxen	15 60
A. Leathers	4 50
L. E. Towle	9 45
H. B. Rounds	3 15
Wilbur Corson	4 50
J. H. Hodgdon	8 85
J. H. Hodgdon, horse	60
Thomas Cash	2 40
Thomas Cash, horses	6 60
Daniel Buckley	6 75
Daniel Buckley, horse	4 05
Lyman Lougee	3 00
Lyman Lougee, team	3 00
James Meserve	1 50
	\$437.55

367

DISTRICT NO. 18.

John F. Torr	\$36 00
John F. Torr, men and teams	134 25
John F. Torr, horses and oxen	103 50
John F. Torr, 236 loads of gravel	28 32
James B. Rand	15 00
Allen Kenniston	4 50
Lyman Lougee	15 00
Harry Hooper	3 75
W. Hooper	12 00
W. Hooper, horses	12 00
Charles Mendum	24 00
James Ryan	4 50
Joseph Drew	4 50
Edgar Gerrish	1 50
Edgar Gerrish, oxen	1 50
John Ryan	1 50
Henry Ryan	1 50
Andrew Torr	7 50
Abraham Cilley	16 50
Joseph Meserve	10 50
Joseph H. Hodgdon	9 75
Andrew Meserve	9 75
Frank Lord	1 50
Frank Lord, horses	3 00
	\$461 82
	9.402 112
DISTRICT NO. 19.	
David S. Hanson	\$15 00
David S. Hanson, horses	21 00
David S. Hanson, lumber	2 00
David S. Hanson, ten loads of gravel	1 20
0-11-11-11-11-11-11-11-11-11-11-11-11-11	

John Nimblett	10 95
James D. Hayes	7 05
James D. Hayes, horses	16 20
Reuben Davis	2 25
Reuben Davis, horses	4 20
Frank Davis	5 10
Frank Davis, horses	7 20
Wm. H. Peirce	1 20
Frank Lord	2 25
Frank Lord, horses	I 20
Austin Randall	1 50
Austin Randall, horses	3 00
John F. Torr, ten loads of gravel	1 20
James Cole	3 15
George Smith	3 15
	\$108 80
DISTRICT NO. 20.	
	.4.
Young Bros	\$79 20
John Lucas	23 10
S. C. Hayes	6 30
D. F. Stoddard	18 15
Charles Miles	5 10
L. Steuerwald	3 60
E. J. York	6 68
James Stackpole	
	4 05
Edward Kay	4 0 5 1 50
Edward Kay	4 05 1 50 2 25
Edward Kay	4 05 1 50 2 25 45
Edward Kay A. K. Wormell Charles F. Willey. James Rand	4 05 1 50 2 25 45 1 50
Edward Kay A. K. Wormell Charles F. Willey James Rand N. Foss	4 05 1 50 2 25 45 1 50 2 10
Edward Kay A. K. Wormell Charles F. Willey. James Rand	4 05 1 50 2 25 45 1 50

TPI/ V		
Harry Kelley	\$2	55
A. Berry	4	95
	\$164	63
Payroll No. 1378	13	33
	\$177	<u> </u>
DISTRICT NO. 21.		
Joseph A. Clough	\$36	
John F. Winkley	27	
William Canney	10	80-
Joseph Delaney	5	25
Albert Sargent	15	00
Cornelius Scannell	13	20
Horace Wallace	3	75
Hiram P. Tebbetts	2	25
Jonathan K. Felker	4	05
Allcott Barker	3	75
J. H. Barker	6	30.
Nathán Case	ī	05
William Burley		60-
A. R. Clough	4	50
Nathaniel Eaton	3	15
John Lucas	3	00-
Tristram Young	2	25
William Allen.	I	20
Aaron Drew	2	CO
	·	0 =
	\$145	05
DISTRICT NO. 22.		
Eben F. Faxon	816	80
Eben F. Faxon, horses		
Wm. A. Allen	20	
11 111. 23. 23.1Cil	11	85,

Wm. A. Allen, horses	\$18 00
Elbridge R. Perkins	11 25
Elbridge R. Perkins, horse	7 50
Francis Cassily	4 95
Francis Cassily, horses	7 65
Joseph Garland	9 45
Joseph Garland, horse	7 50
Albert S. Faxon	6 00
Patrick Cassily	5 25
Patrick Cassily, horse	6 75
George F. Faxon	8 10
Joseph A. Perkins	3 60
Aaron W. Drew	2 25
Joel W. Holmes	3 75
Frank Locke	I 20
Alonzo Horne	2 25
	\$154 80
	\$154 80
DISTRICT NOS. 23 AND 24.	\$154 80
DISTRICT NOS. 23 AND 24. B. F. Brownell	\$154 80 \$36 00
B. F. Brownell	Ü
B. F. Brownell	\$36 00 51 75
B. F. Brownell	\$36 00
B. F. Brownell and horses B. F. Brownell, man and horses	\$36 00 51 75 56 25
B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank	\$36 00 51 75 56 25 3 25
B. F. Brownell. B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank Eben Annis and horses Jas. Irwin	\$36 00 51 75 56 25 3 25 67 50
B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank Eben Annis and horses	\$36 00 51 75 56 25 3 25 67 50 9 00
B. F. Brownell. B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank. Eben Annis and horses Jas. Irwin. John Ham.	\$36 00 51 75 56 25 3 25 67 50 9 00 30 75
B. F. Brownell. B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank. Eben Annis and horses Jas. Irwin. John Ham. Orrin Nason.	\$36 00 51 75 56 25 3 25 67 50 9 00 30 75 1 50 12 75
B. F. Brownell B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank Eben Annis and horses Jas. Irwin John Ham Orrin Nason Lewis Tuttle	\$36 00 51 75 56 25 3 25 67 50 9 00 30 75 1 50
B. F. Brownell B. F. Brownell and horses B. F. Brownell, man and horses B. F. Brownell, 130 feet plank Eben Annis and horses Jas. Irwin John Ham Orrin Nason Lewis Tuttle Frank Ham	\$36 00 51 75 56 25 3 25 67 50 9 00 30 75 1 50 12 75 21 75

Andrew Minitur	\$3.00
Mark Annis	10 50
John Gage	75
John Drew	2 25
Edward Austin	3 00
John Ham, Jr	8 25
John Minitur	2 25
John Joyce	2 25
Eddie Drew	2 25
John H. Drew	2 25
John Mahre	1 50
Israel Hanson	1 50
J. H. Fernald	2 25
Daniel York	1 50
George Austin	5 25
A. I. Austin	3 75
Peter Hughes	1 50
Alphonzo Austin	6 75
1. L. Lucas, 130 loads gravel	22 10
Frank Jeff, man and horses	27 00
John Dennett	4 50
Irwin Austin	6 00
	\$425 85
DISTRICT NO 24.	
H. G. McDuffee	\$149.55
Fred Davis	39 45
John L. Bennett	7 80
John L. Bennett, poles and fencing	5 00
John Gowen	75
John Haley	75
T. H. Rollins	64 05

W. A. Gilman	29 70
W. A. Gilman, 42 loads gravel	6 30
Henry Paul	2 25
Charles Nute	3 00
Chas. Nute, for closing road running from H. G.	
McDuffee's house to Ex-Mayor Guppy's	10 00
Peter Hurd	15 75
John Cotey	2 25
Richard Hurd	1 50
Louis Rousseau	22 50
Michael McLaughlin	9 00
Richard Roberts	4 95
Mrs. Geo. Horne, 100 loads sand	5 00
Converse & Hammond, lumber	II 22
	\$390 77
Total Highways	\$21 102 01









Births, Marriages, and Deaths,

REGISTERED

IN THE

CITY OF DOVER,

FOR THE

YEAR ENDING DECEMBER 31, 1891.

Births Registered in the City of Dover, for the Year ending December 31, 1891.

1.	Ç-mi	
	0	
	Birthplace of Mother.	Mahne Broyilenee, R. I. a. a. a. brovilenee, R. I. Cancord Concord Billeried, Mass. W. Roxbury, M. Roxbury, M. Roxbury, M. Roxbury, M. Roxbury, M. Roxburd, M. Rox
	걸	Manne Brovillenee, R. I. Canada As. Johnsburry, VI Concord Dover Dover Dover Canada Ireland Ireland England Canada Canada Ireland England Canada Canada Ireland England Canada Ireland Dover Canada
	E E	Mahne Dover Canada St. Johnsbury, V. Canada Canada Canada Canada Pelanda Canada
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Births Registered in the City of Dover, for the Year ending December 31, 1891.

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Births Registered in the City of Dover, for the Year ending December 31, 1891.

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Birthplace of Father.	Berwick, Me. Fort Wayne Fort Wayne Fingland Dover Rhodte Island, Norway Fingland Singland Norway Fingland Canada Alton Scotlanda Canada Canada Canada Canada Alton Scotland Fenebunk, Me. Scotland Fenebunk, Mes. England Fenebunk, Me. England Fenebunk, Me. Scotland Fenebunk, Me. England Fenebunk, Me. England Fenebunk, Me. England Fenebunk, Me. Scotland Scotland Scotland Scotland Scotland Scotland Scotland
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Births Registered in the City of Dover, for the Year ending December 31, 1891.

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Births Registered in the City of Dover, for the Year ending December 31, 1891.

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Birthplace of Father.	Carpenter Ireland Dover Canada Barber Canada Canada Nortinglam Barber Barber Dover Pover P
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Name of Child, if any.	Mary Oldina. Marie Florence E. Thom. O Paniel Roorge Kate Krate K
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Births Registered in the City of Dover, for the Year ending December 31, 1891.

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E. Labuissouniere. Emma B. Harekete. Mary E. collins. Ellon Benner. Mary Loughlin. Jennie Rennie. Mary C. Fillebrown. Jerine Refemie. Mary C. Fillebrown. Jerine Rennie. Mary C. Fillebrown. Fillen T. Aloisio. Lydia Chapman. Grare Rolley. Grare Rolley. Ellon T. Aloisio. Lydia Chapman. Loughlin. Jerine Beaulien. Sarah J. Littlefted. Eloia A. Thompson. Louise Wormell. Annie I. Meade. Carrie Gibbs. Sarah Byrnes. Mary Loughlin. Annie L. Marde. Cadlorine Harvey. Mary Loughlin. Aurelie Roberge. Loutin M. Rogers. Loutin M. Rogers. Loutin M. Rogers. Mary Loughlin. Aurelie Roberge. Cadlorine Harvey. Mary Ellonghin. Aurelie Roberge. Cadlorine Harvey. Nary Ellonghin. Aurelie Roberge. Cadlorine Farney. Nary Ellonghin. Aurelie Roberge. Cadlorine Farney. Nary Ellonghin. Aurelie Roberge. Cadlorine Formier. Nary E. Hurd. Niby E. Hurd. Schere Roberge. Ellen McCoole.
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9 Ferdinand Lebhane, E. Labuissonniere, 1 Samuel Hussey, Emma B. Hackett, 2 Michael Murphy, Ellen Benner, 2 Michael Duffy, Jennie Hennie, 3 Michael Duffy, Jennie Hennie, 3 Wm, W. Bryant, Jennie Hennie, 4 Wm, W. Bryant, Jennie Hennie, 5 Wm, F. Walker, Jennie Hennie, 5 Wm, F. Walker, Jeda Chapman, 6 Char, H. List., Ellen T. Aloisio, 7 Partick Graman Charle Midmided, Crare Kelley, 7 Partick Graman Charle Morang, Sarah J. Littleffeld, 7 David Roman, Victoria Beaulin, 7 Paul Gandrean, Victoria Beaulin, 7 Paul Gandrean, Victoria Beaulin, 7 Paul Gandrean, Victoria Beaulin, 8 Calvin Wallingford, Carrie Gibls, 8 Michael Falvey, Annie I. Meade 9 Joseph Dondero, Annie I. Meade 1 Peter Murphy, Annie I. Meade 1 Honore Brollette, Aurelie Roberge, 1 Honore Brollette, Aurelie Roberge, 1 John Crielton, Sarah Byrnes 1 John Crielton, Aurelie Roberge, 1 John Crielton, Aurelie Roberge, 1 John Crielton, Aurelie Roberge, 1 John Crielton, Aurelie Georgia E. Lamprey, 1 Ellma Eigene Blood Mary Tasker Haves 1 John Crielton, Aurelie Georgia E. Lamprey, 1 Chas, A. Davis, Norice, Wannie Garrow, 2 John Crielton, Aurelie Georgia E. Lamprey, 3 Chas, A. Davis, Norice, Wannie Garrow, 4 Harry Keating, Mary L. Nute, 4 Michael Haughey, Ellen McCoole
Perdinand Leblane, Sanuel Hussey, Michael Murphy, Frank H Hurd Michael Duffy Fred Murphy, Frank H Hurd Michael Duffy Mrn. W Bryant, Chas. H List. History, Mrn. W Bryant, McCannigle, A. L. Blaisdell, A. L. Blaisdell, A. L. Blaisdell, A. L. Blaisdell, Pauf Gandrean, Carwin Wallingford, M. L. Blaisdell, Pauf Gandrean, Carwin Wallingford, Carwin Wallingford, Carwin Wallingford, Michael Falvey, Michael Haughey, Michael Haughey, Michael Haughey, Michael Haughey,
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Civ. 9 W Ferdinand Leblane. Samuel Hussey. Michael Murphy. Frank H Hard Michael Duffy. Fred Shorey. Chas. H List. David Won. Re Walker. Partick Gorman. Partick Gorman. Calvin Wallingford. A. L. Blaisdell. Partick Gorman. Calvin Wallingford. A. L. Blaisdell. Partick Gorman. Calvin Wallingford. Calvin Wallingford. Calvin Rowe. Michael Falvey. Michael Montester. Chas. H. Moorester. Chas. H. Moorester. Chas. H. Moorester. Chas. H. Moorester. Chas. A. Davis. Frank Casidy. Harry Keating. Harry Keating.
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10 Joseph F. 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Births Registered in the City of Dover, for the Year ending December 31, 1891.

Birthplace of Mother.		reland Lee Maine Maine Preland Preland Dover Freland Frined States Frind States Frined States Frind States Frinc States Frind States Frind States Frind States Frind States Frinc States Frinc States Frinc States Frinc States Frinc Stat
	Birthplace of Father.	
Occupation of Father.		Teamster Canada Fireman Bottler Bottler Bottler Bottler Bover Canada Laborer Sincenaker Canada Laborer Frittery hand, Bittleford, Mc Dover Laborer Frittery hand, Bittleford, Mc Dover Laborer Frittery hand, Bittleford, Mc Dover Laborer Laborer Frittery Cappente Cappente Cappente Cappente Clerk Frittery Clerk Laborer Clerk Frittery Cappente Cap
Residence of Parents.		
Maiden Name of Mother. Color of Parents.		Mariah Farley W Dover Rose Cady Annie I. Hoitt Annie I. Joht Kate Loughlin Etta L. Abrich Rate Loughlin Etta L. Abrich Mary E. Hickey Many E. Hickey Mata B. Foss Mary E. Hibbets Catherine McGrory Mary A. McArdle B. D. Parshley Mary C. Hester
Name of Father.		Hugh Carr. John Buckley John Buckley John O'Brien Jas. Hughes. John O'Brien Jiss. Hughes. John Will Kellett John Will Kellett John Will Chinson Sigan H. Henders M. MeDomough David J. Robinson Bliss Light. John Sutherhand J
Sex and Condition.	Pemale. Living or Stillborn. Zo. Child. Color.	42 2222 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Name of Child, if any.		Herbert V Charles J. Thos John E Chas H. Juo Jas Mary
Date.	Month.	00000

Births Registered in the City of Dover, for the Year ending December 31, 1891.

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Dover Great Pulls Fireland Fireland Dover Madbury Heband Haverbill, Mass Brookifeld Cleisterfield Cleisterfield Liefand Newmarket Dover Fireland Newmarket Conserved Newmarket Newmarket Conserved Newmarket Newmarket Dover Nels Me	
England Dover Merctith, Great Falls Ireland Great Falls Portsmouth England Fortsmouth Madbury Fortsmouth Madbury Eilot, Me. Havenhil, Mass Billerica, Mass. Brookfield Dover Chesterrifeld Ireland Freland Freland Havenhil, Mass Broker Chesterrifeld Dover Chesterrifeld Freland Hampshire Dover Freland Freland New Hampshire Dover Freland Nover	
Dover Emisher, P. W. Emborer P. M. Endorer P. M. Mill hand Fireman Laborer P. Shoemaker Shoemaker Electric Car Con Printery Shoemaker Burcher Printery Shoemaker Electric Car Con Printery Shoemaker Burcher Shoemaker Burcher Shoemaker Burcher Burcher Shoemaker Burcher	
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Annie York	11
w John Hester. Annie York. w Charles H. Jenness, Etta E. Randall Jas, MaCvell. Rose Wilkinson. Jas, Machell. Rose Wilkinson. John Duggan. Mary Elening. John Duggan. Mary Elening. Pred Cole. Mary Elening. Mary Kelley. Frenk A. Butlews. Mary Mervey. Bernice M. Flynn. Frank A. Indiews. M. Burns. McCorroll W. Chase. Sarah Linannen. Jas. Keenan. David E. Farr. M. Burns. McDonald Gatherine O'Boxd. John Comell. Catherine O'Boxd. Mary Hanseom. Jas. McCane. Mary Hanseom. Jas. McCane. Catherine O'Boxd. Catherine Colas McCone. Hannes O'Neal Gatherine O'Boxd. Mary Hanseom. Jas. McCane. Catherine Feeney. Catherine Feeney. Catherine Feeney. Catherine Feeney. Catherine Larry Hough. Georgietta.	
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Flizabeth Bridget. Margaret Francis Stephen F John Mabel Q	
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Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Name and Res' dence of Person by whom Married.	Rev. W. Warkeman Rev. A. J. Eastman Rev. A. J. Eastman Rev. Geo. E. Hall Rev. Geo. E. Hall Rev. Geo. E. Hall Rev. Geo. E. Hall Rev. Geo. E. J. Hall Rev. Geo. E. J. Hall Rev. Geo. E. J. Hall J. Rev. Geo. E. J. J. Lewiston, Me. J. G. Wargen J. B. Stevens, Jr. Justice J. B. Stevens, Jr. Justice Rev. Rush Rees Rev. Rush Rees J. B. Stevens, Jr., Justice
.93 sirriage.	•
Name of Parents.	Manchester 20 w Perkins 20 wer 20 w Perkins 20 wer 20 w
Place of Birth.	20 W Freland 21 Action 22 Action 23 Action 24 Action 25 Action 26 Bover 27 Forthand Me 28 Forthand Me 29 Strondwater, Me 20 So. Hope, Me 20 So. Hope, Me 21 Forthand, Me 22 Strondwater, Me 23 Forthand, Me 24 Forthand, Me 25 Forthand, Me 26 So. Bover 27 Forthand, Me 28 Forthand 29 Forthand 20 So. Bover 21 Forthand 22 Bath, Me 23 Forthand 24 Forthand 25 Forthand 26 Forthand 27 Forthand 28 Forthand 28 Forthand 29 Forthand 20 Forthand 20 Forthand 21 Forthand 22 Forthand 23 Forthand 24 Forthand 25 Forthand 26 Forthand 27 Forthand 28 Forthand 28 Forthand 29 Forthand 20 F
.roloJ	82878284888888844888834488
Residence of each at time of Marriage.	Manchester 19 Dover 19 Dover 29 Dover 20 Every 20 Every 30 Every 3
Name and Surname of Groom and Bride.	Michael Concannon Hannah Kingwell Stephen D. Perkins Hannah Kingwell Stephen D. Perkins Hannah Kingwell Stephen D. Perkins Hannah C. Wear Hattie A. Getchell Maximilian Hachist Hattie A. Getchell Hattie A. Getchell Hattie E. Robinson Harren E. Maxey Hanty E. Robinson Hattie E. Robinson Hattie E. Bawtley Hante E. Bawtley Hante E. Bawtley Hante E. Bawtley Hant C. So. Hope, Me Hattie A. So. Hope, Me Hattie M. Gobb Harren L. Maxey Hant C. Bawtley Harren L. Maxey Hant C. Bawtley Hartie M. Gobb Harren L. Maxey Hant C. Bawtley Hant C. Bawtley Hartie M. Jordan Hartie M. So. Hope, Me Hattie M. Jordan Haverhill, Mass Gracie Millen Barth, Me Hattie M. Jordan Haverhill Barth, Me Hant Cown Hover Hattie M. Jordan Haverhill Barth, Me Hant Cown Hover Hattie M. Jordan Haverhill Barth, Me Hant Cown Hover Hattie M. Jordan Haverhill Barth Hover Hattie M. Jordan Haverhill Hav
Place of Marriage.	1 Dover 1 Hampton Falls 1 Dover 1 1 Dover 1 1 1 1 1 1 1 1 1
Day. Date.	

Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

	1 D. W. Murphy, R. C. P		2 Rev. James Thurston 2 Rev. A. J. Eastman	-21	I Rev. Geo. L. Collyer Rev. Geo. L. Collyer Rev. Ithamar W. Beard	1 D. W. Murphy, R. C. P 2 Rev. R. T. Sawyer 1 John Casey, R.C. P
Robert and Katie 25 w Ireland Robert and Katie 28 28 29 w.c. Peter and Mary 29 29 w.c. 20 w.c.						Wm. and Auchtda James and Auri John and Maria James N. and Mary A. Rodney N. and Marcella John and Rose.
Dover 25 w Ireland Robert and Ratie 25 w	22 Man Delread, Mass. 24 Freland 25 7d, Me. 30 So. Boston, Mass.	រកាត់និង	60 Tamworth 55 Durkun 29 Milton 29 Great Falls 21 Lewiston, Me	ន្ទន្ទន្ទន្ទន្ទន្ទន្ទន្ទន្ទន្ទន្ទនេទ្ធន	្ត ស្នែកក្តុ	~ # # # # # # # # # # # # # # # # # # #
Dover 25 w 23 w 23 w 24 w 24 w 24 w 24 w 24 w 24	Biddeford, Me	Biddeford, Me.	Dover	Kennebunk, Mc Haverhill, Mass	Salmon Falls	Wells, Me. 15. Dover 25. 19. 19. 19. 19. 19. 19. 19. 1
	Patrick H. Gorman Julia Crowley Michael Thumons Walter B. Lounbard. Briderford, Me	Cora E. Demeritt Cora E. Demeritt Edwin Marshall Carr Joseph H. Marston Emma Ponbriant	Joseph W. Cate	Jessie A. Jardine		Anneda Uilton. John Morgavet Quinan Margavet Quinan Margavet Quinan Margavet Quinan Margavet Quinan Emma G. Burke Peter Murphy.
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130 Dove:	2:0:1	: 21 : 22 : 33 : 31 : 32 : 33	3 5 Dover		. : : : : : : : : : : : : : : : : : : :	: : : : : : : : : : : : : : : : : : :

Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Name and Residence of Person by whom Married.	Rev. Geo. E. Hall D. W. Murphy, R. C. P Rev. Geo. E. Hall D. W. Murphy, R. C. P Rev. James Thurston D. W. Murphy, R. C. P Rev. Geo. E. Hall Rev. Geo. E. Hall Bev. Geo. E. Hall D. W. Murphy, R. C. P Bev. Geo. L. Collyer
Name of Parents.	Archibald and Sarah A. and A. A. and Blen. Levi and Martha. Samuel and Luvy. John S. and Sarah Alongs and Arrah Alongs and Arrah Ferdinand and Mary Andrew and Mary Andrew and Mary I pounds and Arrah Dudley and Luchda. Dudley and Luchda. Perdinant and Arrah Raphact and Angelique. Prudend and Arrhimise Augustus and Mary M. W. and Mary Losehba E. and Ellen. Joseph E. and Mille. Ban'l and Mary Losehb E. and M. E. Ban'l and Arrah Augustus and Mary Augustus and Arrah Augustus and Augustus
Age. Color. Blace	Dover 30 W Scotland Archibald and Sarai Ereland Beering, Me 21 Annine Beering, Me 22 Health Me Samues and Ellen James Me 22 Hollis, Me Anjight and Mary's Hollis, Me 29 Hollis, Me James and Lury James and Arary Suver 20 Ossipec James and Carchine Beering Suver Aloxo and Arary Suver 20 Ossipec James and Arary Suver 20 Ossipec James and Arary Suver 20 Dover Thomas and Mary 20 Dover Mess Anderson Andrew and Mary 14 Dover Beering Mass Andrew and Lucind Mary 15 Dover Beering Mass Andrew and Lucind Mary 16 Dover Beering Mass Andrew and Artin Mass Andrew and Artin Mass Andrew and Artin Mass Andrew
Residence of could have of Marriage.	Dover 20 w Sentla
Name and Surname of Groom and Bride	Duncan Methifice, 2d. Dover 30 Scotland Marian Mehaffey 22 Eveland Baywar G. Collect 22 Fredmid Leef E. Leighton 20 Follonis F. M. Cisher 29 Follonis E. A. Davis 29 Follonis E. M. Cisher 29 Follonis C. Davis 29 Follonis C. Davis 29 Follonis C. Davis 29 Follonis C. Davis 29 Follonis C. Pinkham 29 Follonis Margaret 19 Saco, Me Margaret 10 Fover Hubber 20 Fover Hubber 20 Forent palls Challed 31 Forent palls Challed 31 Forent palls Challed 32 Forent palls Lydia 34 Forent palls Lydia 34 Forent palls Lydia 34
Place of Marringe.	Dover 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Month. Date.	$\frac{4}{6} \cdot \frac{1}{4} \cdot \frac{1}$

Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Rev. Geo. L. Collyer Rev. Idiamar W. Beard Rev. Ezra Haskell	[Name not given.] J. H. Riley, R. C. P	Rev. Geo. L. Collyer D. W. Murphy, R. C. P J. B. Stevens, Jr., Justice	F. L. Shapleigh, Justice Somersworth Rev. Geo. L. Collyer	Rev. Ithannar W. Beard Rev. Daniel A. Wiggin	Tuftonborough Rev. Ithannar W. Beard John Casey, R. C. P	J. B. Stevens, Jr. Justice Rev. John A. Shaw	Rev. Geo. L. Collyer Rev. R. T. Sawyer John Casey, R. C. P
Jumes B. and Emily. Freeman and Olive Joseph and Mary John R. and Lutina		Biddeford, Mc Henry G. and Frances Ogunquit, Mc Jannes and Charlotte Itudson, Masss Jannes and Ann Ireland, Alasss Lawrence and Africe Gavenous and Africe So, Berwick, Mc John II. and Lucy E	Los Angeles, Cal., Henry G, and Louise E, Pembroke, Me, Everett M. and Fanny E Dover, James E, and Mary F, Portland, P. Q, L. and Flemming	Joseph and	Wolfboro', Mc Joseph and Ella	Tatrack and Catherine Thomas and Angelia Ezra and Helen	Joseph H. and Emily F Asa min Surah A Swain and Matilda
	ត្ត ភេត្តភ	::::: %	3528 3528	22 Fingland	Woltboro', Me Bover Subattis, Me, 	32 Jefferson, Me 22 Providence, R. 1. 33 Richford, N. Y. 35. Waterbury, Ct	20 Boston, Mass 20 Bostonster 52 Barrington 46 Dover 27 Ireknd
Dover 30 w Bast Barrington 24 Dover 30	Biddeford, Me 124 N. Kennebankport 21 Dover 24 Great Falls 25	Bover	Los Angeles, Cal Dover	Dover		Portland, Mc Providence, R. I. New Britain, Ct	Dover
Frank J. Putter John Pickup Efizabeth A. Wrigley Lorenzo D. Hanson		Harry W. Sutherland Alida L. Maxwell James McParthen Katie Murphy Arthur L. Clark	Gertic O. Emberson	Mula La Locue Robert Tyler Mary Ann Benson Edward M. Hale	Etta M. Lowd. Frank E. Tuttle Eva Heeney. Francis Knott.	Annue Mematus Santord II. Tvask Gertie Gardner Irving L. Tyler Sarah (Collins) Turney	Joseph R. French. Nellie R. Hull. Richard A. Drew. Nellie M. Ford. John Forles. Mary Coatkley.
÷			t Falls	5 29	,		
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Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Name and Residence of Person by whom Married.	Michael J. Renaghan Dover Catherine Galleghey 196 Patrick and Martha 150hn Casey, R. C. P. Akin W. Perkins Wilhout 23 Wilhout 1501 n and Ann. 16 v. C. P. Abmin W. Perkins Willer W. Perkins Wilhout 15 16 v. C. C. P. Abmin J. Cowdey 23 Perkins 16 v. C. C. P. Frederick J. Wiltchead 16 v. C. C. C. Collyer 16 v. C. C. C. Collyer Ven. L. Abitchead 16 v. C. C. C. Collyer 17 v. H. and Markha Jean V. Poster 16 v. C. C. C. C. Collyer 17 v. H. and Mary Jeannic May Venner 18 v. J. C. C. C. Collyer 18 v. H. A. C. C. C. C. Collyer Annic May Venner 19 v. J. C. C. C. C. C. C. Collyer 19 v. J. C.
Name of Parents.	Michael J. Renaghan. Ocathorine Galloghey. Mest Windsor, VL 25 West Windsor, VL 35 West Windsor, VL 30 Love Cornelins and Phebe Pentield, N. B. Joshua Land Ellen Joshua Land Lucretta Joshua Land Ellen Joshua Land Mary Ellen Joshua Land Mary Ellen Joshua Land Joshua
Place of Birth.	Wilmort Wilmort West Windsor, Vr Lawvence, Mass. Penfield, N. B. Bangor, Me Libbey, Me Portland, Me Protland, Me Rambington Newburyport, Ms Middlefon, Norek, Me Baldeford, Me Baldeford, Me Baldeford, Me Baldeford, Me Willey, Me Baldeford, Me Baldeford, Me Willey, Me Baldeford, Me
Residence of each at time of Marriage.	Dover 261 West Windsor, VL 25 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Name and Surname of Groom and Bride.	Michael J. Renaghan Dover 9.6 w
Place of Marriage.	Dover White River June. Lover L L Rarmington Newburyport, Ms. L L L L L L L L L L L L L
Month. Date.	0 : 5 : 6 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5

John Casey, R. C. P J. B. Stevens, Jr., Justice John Casey, R. C. P.	John Casey, R. C. P	Rev. J. M. Durrell	Rev. R. T. Sawyer Rev. James W. Ford	Rev. F. K. Chase	Rev. F. K. Chase Rev. James Thurston	Rev. James Thurston J. B. Stevens, Jr., Justice	2 J. B. Stevens, Jr., Justice P. Rev. Chas. S. Perkins D. W. Murphy, R. C. P
Dover 2 w Ireland John and Catherine EastRochester 3 Mt. Vernou, Me. John B. and Mary J. Prank and Mary J. Epping E. China, Me. Oliver D. and Orilla Paping Epping B. Mest I pping Surah		John and Walten		Kobert L. and Jennic L I Levi and Comfort 3 Dan'l Newbury and Lydia 2 Andrew and Hannah	Joseph and Almira J I Chas. F. and Caroline A I Leonard A. and Olive M. I John P. and Ellen James Moore and Mary	01 00 01 0	Leonard and Mary J. Leonard and Sarah P. Alonsor and Jane. Geo. S. and Estella M. James and Ann.
Dover 25 w treland 25 x x 26 x x 27 x x 28 x x 29 x x 20		3443	8.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	81:848	20 So. Berwick, Mc 21 Dover 18 Great Falls 22 Moultonboro	::::	e 33 Portland, Me
	987826	" " Lancast	Dover Auburn Dover		So. Berwick, Mc 20 Dover 18 18	38 38 38 38 38 38 38 38 38 38 38 38 38 3	Grey, Me Dover
James York Rose Ann Donnelly Laforest Williams Gertrade Hamilton Epping Carrie Canven Epping Example Dover Example Carpender Example Carbender Example Carb	James O'Neil	Mary Moulton. John Tootill. Hester A. Garside	Lizzie Frances Drew Dover Charles T. Lewis Lottle A. Brooks John Abisha Shaw	Jenne Florence Colwell Morgan Fark, III. Anrichan Thompson Softinglam Anric Wiggin So. Newmarket. Orrin C. Grant Berwick, Me	Mercy Joy. William G. Freeman. Olive E. Merrill. John H. Gowen.	Engene Ricker Sarah Spray Alonzo F. W. Berry Elizabeth Gowen.	
7 Dover	3 3 3	3 2	7 28 ". Morgan Park, Ill	8 5 "	3 3	3 3 3	3 3
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Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Name and Residence of Person by whom Married.	Rev. Geo. L. Collyer Rev. Geo. L. Collyer D. W. Murphy, R. C. P J. B. Stevens, Jr., Justice Hermon Weed Stevens Nowton, Massic Rev. David L. Eurner Nowton, Massic Rev. C. H. Chapin Rev. C. H. Chapin Rev. Geo. E. Hall J. B. Stevens, Jr., Justice Rev. Geo. E. Hall
No. of Marriage.	MESES 10000000000000000000000000000000000
Name of Parents.	James K, and Philena. James and Elizabeth. James and Hamah. Levi W, and Thurza. Class E, and Mary C. Stebolas and Mary. Nicholas and Mary. Sholos and Mary. James and Mary. James and Ann. J. E, Jr., and Lydia A. James and Ann. Jabez H. and Catherine Edward and Catherine Thomas and Any. James and James Allinas S. Mill E, and Angle E. John and Mary. Walter E, and Angle E. John and Mary. James A. and Sasan. Henry W, and Sasan. Henry W, and Sasan. Benj. F, and Caroline A. George and Eliza W.
Place of Birth.	Dover 27 Halifax
. Age.	**************************************
9.0 ($\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}$
Residence of each at time of Marriage,	Dover 34 W
Name and Surname of Groom and Bride	William S. Lord Sarah (eilbess, Annies A. Wilson. Annies A. Talbot. Annier McColloster Phe Patrick Bremmin Andrew Wilson. Andrew Wilson. Andrew Wilson. Andrew Wilson. Andrew Wilson. Andrew Wilson. Patrick I. Follin. Ann O'Holland. Patrick I. Follin. Ann O'Holland. Ann O'Holland. Annies Ryan. Anny Priscilla Sears. Mary J. Goodwin. John Edwin Vickery. George S. Snell. Mare E. Young. William H. Cook Gerace Thompson Ham Gesse L. Snell. Mare E. Snell. Mare E. Snell. George S. Bilott. George S. Bilott. George S. Bilott. George P. Keniston.
Place of Marriage.	8 19 Dover 8 25
Month. Date.	Δ : Ω : Ω : Ω : Ω : Ω : Ω : Ω : Ω : Ω :
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Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Name and Residence of Person by whom Married.	Rev. J. P. Sheafe
Name of Parents,	Frederick and Jane M. John and Margaret. Wh. and Elizabeth. D. G. and Hammah P. George and Rosmu. Albert and Naney Jefferson and Elizabeth. James and Mary Geo. II and Frances P. Dan't W. and Lavina II. Wh. P. and Christiana M. Jas. M. and Elizabeth J. Geo. and Malcola Jonnithan and Christiana M. Geo. and Malcola Jonathan and Mary Dan't and Mary Dan't and Mary Dan't and Mary Dennis and Catherine Arthur and Ann Peter and Julia Arthur and Mary Felix and Mary
Place of Birth.	Wells, Me Wells, Me Kennebunk, Me Waterville Parsonsifed Pover Ireland Union Village Boston, Mass Ganada Durham Boothbay, Me Mexivo, " Ganada Dover Chivopee, Mass So. Berwick, Me Dover Pover Lieland
ge. olor.	0
Residence of cach at time of Marriage.	Portland, Me. 22, W. Kennebunk, Me. 53, Bo. Berwick, Me. 53, Bo. Bover 25, C. Bover 26, C. Bover 27, C. Bover 28, C. Bover
Name and Surname of Groom and Bride.	Safford Macumber Clara Macumber Joseph Wilbert Hopper Cenne W. Hatch Remebank, Me. 35 George W. Hatch Mary A. Collins Julia Maryh Lewiston W. Seavey Rolinsford Roycou L. Drew Weldon W. Seavey Rolinsford Albert L. Reed Albert L. Reed Marytor Lavache Dover Marytoc Cotter Josephine Devocheau Josephine Devocheau Marytoc Cotter John Haman Marytoc Cotter John Haman Marytoc Sould Marytoc Cotter John Haman Marytoc Sould Marytoc Cotter John Haman Marytoc Sould Marytoc Sould Marytoc Sould Josephine Devocheau Josephine Devoche
Place of Marriage.	30 Dover 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Month. Date.	1 6 : 6 : 6 : 5 : 5 : 6 : 6 : 6 : 6 : 6 :

Inyer Tr., Justice R. C. P C. P Printle C. P R. C. P Thyer Br. C. P Br. C. P Thermal Physics of the control	11,5 01
Hev. Geo. L. Collyer J. B. Stevens, Jr., Justice D. W. Murphy, R. C. P. Rev. Geo. L. Collyer D. W. Murphy, R. C. P. Rev. James Tluriston J. H. Riley, R. C. P. Rev. F. K. Chase Bev. James Thurston L. W. Murphy, R. C. P. Rev. F. K. Chase Rev. James Thurston Rev. Junes Thurston Rev. Junes Collyer Rev. Geo. L. Collyer Rev. Geo. L. Collyer Rev. J. P. Sheafe	. 000.
	121
Dover George and Harriet T. Jynn, Mass Mark and Sarah F. Dover Demis and Sarah F. Freland George and Chara B. Dover Demis and Filzabeth. Dover Galward II. and Filzabeth. John and Rose. Freland Felix and Catherine. Budeford, Me Bude And Sarah F. Budeford, Me Bude And Sarah F. John and Base C. Bude Gatherine. Freland Britist and Catherine. Britist and Catherine. Britist and Catherine. Freland Britist and Catherine. Freland Britist and Julia. Freland James H. and Hana. Freland James H. and Hana. Freland James H. and Hana. Chester And Britist Hall and James and Stand. Freland James and Stand. Freland Thomas and Strain. Freland Thomas and Strain. Freland Thomas and Strain. Freland Thomas and Strain. Buxton, Me James and Strain. Freland Thomas and Strain. Buxton, Me James and Strain. Buxton, Me James and Strain. Buxton, Me James and Britis. Buxton, Me James and Britis. Buxton, Me James and Buste. Freland Charles and Hattle. James H. Strain F.	genquit, Me 36 Groudester, Mass. Adron a and sustration 36 Wells, Me Solomon and Annie
24 w Dover 25 Strailord 15 Strailord 16 Strailord 17 Strailord 18 Strailord 18 Strailord 19 Strailord 10 Strailord 11 Strailord 12 Strailord 13 Strailord 14 Strailord 15 Strailord 16 Strailord 16 Strailord 17 Strailord 18 Strai	e 36 Wells, Me
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Dover 29 W Dover 65 Stratiford	ogundant, me
Ernest O. Pray Dover 22 W. Dover	Charles F. Ferkuts
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Marriages Registered in the City of Dover, for the Year ending December 31, 1891.

Name and Residence of Person by whom Married.	Rev. Chas. S. Perkins Rev. Geo. E. Hall Rev. Geo. E. Hall Rev. Geo. E. Hall Rev. Geo. E. Hall Rev. John A. Shaw Rev. J. P. Sheafe Rev. J. P. Sheafe Rev. J. B. Stevens, Jr., Justice Rev. Geo. L. Collyer Rev. Geo. L. Collyer Rev. Geo. L. Collyer Rev. Chas. S. Perkins
Name of Parents.	96 W Tuftonborough. Bradley M. and L. J. 24 So. Berwick, Mc. John and Annie. 25 So. Berwick, Mc. John and Annie. 26 Tufton. 27 Tufton. 28 Tufton. 29 Dover. 29 Chester. 20 Dover. 20 Chester. 20 Chester. 20 Povelland, Mc. Asn and Nellie C. 20 Povelland, Mc. Asn and Angusta. 20 Povelland, Mc. Asn and Margeret. 21 Providence, R. I. John D. and Margeret. 22 Parkman, Mc. Charles A. and Lydia G. 23 Parkman, Mc. Charles A. and Lydia G. 24 Providence, R. I. John D. and Margeret. 25 Parkman, Mc. Charles A. and Lydia G. 26 Dover. 27 Dover. 28 Boston. 29 Logenh and Margerett. 29 England. 30 Logenh and Margerett. 31 Chron. 32 Chester. 33 Chron. 34 Chron. 35 Providence, R. I. Timothy and John P. 36 Providence, R. I. Timothy and Julia. 37 Providence, R. I. Timothy and Julia. 38 Son Berwick, Mc. 39 Chron. 30 Chron. 30 Chester. 31 Providence, R. I. Timothy and Julia. 32 Chron. 33 Chron. 34 Chron. 35 Providence, R. I. Timothy and Julia. 36 Son Berwick, Mc. 37 Providence, R. I. Timothy and Julia.
Place of Parce of Par	*::::::::::::::::::::::::::::::::::::::
Residence of each at time of Marriage.	Pover 95 10 10 10 10 10 10 10 1
Name and Surname of Groom and Bride	George A. Brown Dover 29 Walson Nason Wanse B. Nason Wanse B. Robinson Wary E. Willey Washes Cloutman Wary E. Willey Walson Wary E. Willey Walson Wary E. Willey Walson Wanse B. Grous Wanse B. Walson Wanse B. Walson Wanson Walson Walson
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Rev. J. P. Sheafe PRev. Geo. L. Collyer Rev. J. P. Sheafe	Rev. F. K. ChaseRev. Geo. L. Collyer	Rev. J. M. Darrell Rev. James Thurston	Rev. Geo. E. Hall D. W. Murphy, R. C. P Rev. James Thurston	
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25. W Mahne 24. Biddeford, Me. 38. Bowdon, Me. 21. Methnen, Mass. 28. Naffor, Mass. 26. Dover	::::::	::::::		\$1
son Saco, Me 2 Bildeford, Me 2 Great, Fills Advart, Me 3 Kennebunk, Me 2 Dover	Biddeford, Me 18 Dover		Portlan Brunsw Dover	_
Benjamin F. Hutchinson, Saco, Me. Mary E. Davis, Biddeford, Me. Scorge Whitchouse, Great Falls, Scorge Arabian, Aubarn, Me. Mred Hawley, Aubarn, Me. Millan Fodd, P. Markey, Me. Standy W. Ricker, Dover	Alice May Welch	Jhristina B. Seavey, Oostan P. Jenness. Arroline M. Meserve. Joseph A. Coleman. Annie Preston. Tarles F. Taylor.		
		:5 <u>454</u> 5	<u> </u>	
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Deaths Registered in the City of Dover, for the Year ending December 31, 1891.

			Age.	Place o	Place of Birth.		
	Place of Death.	Name and Surname of the Deceased.	Months. Days. Color.	Father.	Mother.	Name of Pather.	Maiden Name of Mother.
<u> </u>	Portsmouth Portsmouth	Frances J. Manley. Lydia G. Walker. Lydia G. Walker. Catherine Mitchell. John Moulfon. Saranh Watts. Sixor Mary gradiu. Dora Duchenne. Elijah V. Tuttle. Alice L. Retimond. Maryin Parsons. K. A. MLaughin. John Merkell. Jalanh V. Corson. Mary Gassily. Anne Lilly. Anne Lilly. Gordherine McKee. Mary Cassily.	생근하운 하나 우 다 이 문 하 있으로 : : : : : : : : : : : : : : : : : : :	2 Strafford 3 Strafford 1 Maine 2 Fork, Me 2 Fork, Me 1 Ireland 1 Canada 1 Canada 1 Canada 2 Middleton 2 Middleton 2 Ireland 2 Ireland 3 Rollins ford 4 Ireland 1 New Durham 1 New Durham 2 Ireland 3 Ireland 4 Ireland 5 Ireland 6 Ireland 7 Ireland 7 Ireland 8 Ireland 8 Ireland 8 Ireland 8 Ireland 9 Ireland	2 Reading, Mass. Barnstead. Jonathan Foster. Strafford New Hampshire. William Palmer Peter Collins. Perend. Peter Collins. Dover Dover David Moulton. Ireland. Dover Dover John Kelly. Dover Dover Dover David E. D. Frost Dover Dov	5 w 2 Reading, Mass Barnstead Jonathan Foster Mary Robers Strafford William Ham Mary Robers Strafford Nithan Ham Strafford Nithan Palmer Emily R. Russell Februed Ireband Dover Daniel Moulton Elizabeth Drew 19 19 2 York, Me Dover Daniel Moulton Elizabeth Drew 19 19 10 10 10 10 10 10	Mangaret R. Munsey Mary Roberts Emily R. Russell Elizabeth Drew Margaret Partridge Alive By Rand Alive By Rand Rannah Yarney Probeb Ellis Porothy Folsom Rose Rafferty Rosanna Wilkinson Rose B. Hilton Many McGery Many McGery Many McGery Many McGery Many Many McGuire
20	orthand, Me	Harrier M. Triffs v. frum 45 5 2 2 Massicumsetts	15-1: 888 1-2 15-1: 888 1-2 16: 12-2: 92 12-2 2: 22 12-2: 92 12-2	Massirmiseurs Frehand Bover England York, Me	2 Marsarameetts Massarameetts John L Platta. Preland Fredand Fr McDonald Fredand Dover John F Woodus Bover Flijah Pinkham England Fork, Me York, Me Fork, Me Benjamin Moulton	fr. McDonald John F. Woodus John F. Woodus Flijah Priklam John Garnett Renjamin Moulton.	Susan Mullan Susan Mullan Helen Easman Eanice Tuttle. Annie Lancaster Güth.

sarah Miller Sarah Sharkey Martha Lord Bridget McLaughlin Emna Denaureque Catherine Priny Sally Murray		htton	The reservance of the servance	eritte.
Sarah Miller Sarah Slaukey Martha Lord Bridget McLaug Ennua Denaure, Cantherine Printy, Sally Murtay	Mahala Horne. Abignil Evans. Porothy Dame.	De Acutoria Busanna Titcomb. Mary A. York Ariella S. Tibbets. Nellie E. Rogers	Orianne Fournier Rebekah Dolloff. Fernice M. Flynn Mary Lavine. Hannah Machone Agnes Bergeron.	Kate McKee Sal y Sheldon Fabelle Dewerth Matilda Reed Alice Rushton Mary Hinckley Emily B. Brown. Julia A. White
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	72	lse kett.	<u> </u>	Mer.
Wm Follett	Jonas Cooke	James Whitchouse JerenniahH. Hackett Frederick Andrews. Wm. C. Peavey	Daniel Randall Felix LaFontaine Francis Wingate. Frank A. Butler. Patrick Judge Thomas Roach	Peter Trahnor Luther Lord Frank B. Furber William B. Brown James Wood Goorge H. Dawis George H. Dawis
Wm Follett Was Follett Sweph Carpe Joseph Furbu Jonathan Con Edward Good Edward Good	s Coo	ss Wh miath erick C. Pe	Daniel Randall. Felix La Fontair Francis Wingato Franck A. Butler Patrick Judge. Fhomas Roach.	Pefer Trainor Lather Lord Frank B. Furbe Worlliam B. Bro James Wood John Gould George H. Pavi George H. Pavi Elhanan W. Fe
Wm Jose Jose Jona Jona Jona Jona Jede	Jona Rich Wint	Jame Jere Fred Wm.	Dani Feliy Fran Fran Fran Thou	Pete Luth Fran Willi Jame John Geor Elha
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Dover Canada Shapleigh, Me Lebanon, Ne United States. Canada Canada Faranington	Great Falls. Strafford Rochester	reland Freat Falls Pover Rochester Dover	Great Falls Granda Cornada Cortsmouth Haverhill, Ma reland Canada	richard. Beverly, Mass. Barrington. Medford, Mass England Lisbon, Me New Hampshire Taunton, Mass.
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88	Great Falls S Barrington V Newington	Dover Dover Great Falls Gilmanton	Creat Falls. Creat Falls. Contained. Filot, Me. Ireland	New Durham. Lebanon, Mc. Lee Germany England Bath, Me. Bath, Me. Providence, R
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James M. Hoore	Almira J. Cooke Abigail Berry Charles W. Adams.	Nellie B. Feeney John L. Jenks Edwin Whitehouse. Geo. S. Hackett Jessie W. Andrews. Anna O. Peavey	Clemantina Backford, 82, 9 Olive LaFontaine II Mary Jame Moody, 73 II 8. Everett M. Buffer 4 Johannah Comell. 52 Victoria Fredette 32	Jahe Fredette Jas. E. Tremor Emily J. Gray Bernice DeM. Furber. Josephine A. Brown. Wood John Gould Louise M. Davis. Albert Gallatin Fenner.
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27 Lawrence, Mass. James M. Hoore 28 Dover 29 Nellie G. Follett. 29 Thomas J. Goodwin, 29 Thomas J. Goodwin, 20 Thomas J. Goodwin, 20				20 I.S
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Dover Bover s s s	Dover	Ellot, Dover	: : : : : : : :	118 " " " " " " " " " " " " " " " " " "
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‡Widowed.

†Married.

*Single.

Deaths Registered in the City of Dover, for the Year ending December 31, 1891.

		Age.	Place o	Place of Birth.		
Place of Death.	Name and Surname of Deceased.	Years, Days.	Father.	Mother.	Name of Father.	Maiden Name of Mother.
Dover 1	December Mary McGowen 29 2 2 2 2 2 2 2 2	- 大名: (4年2년: 1915年: 1917年: 1	Cambridge, Mass. Ireland. Brownfield, Me South Hope Portsmouth Ireland Rachester Ireland Rachester Ireland Barrington Rye Portsmouth Ireland Oover England Dover England Fredand Oover England Fredand Fredand Fredand	16 W 15 Cambridge, Mass, York, Me. Goseph Hilliard. 2	Combridge, Mass. York, Me Combridge, Mass. York, Me Combridge, Mass. York, Me Combined Communication Communication	Sarah Langton Bridget Dany Kilen Woods Ann A Many Elugg Annie Armstrong Lidin Davis Sarah B. Ritey Julis Sullivan Rose Fox Lydin Bodge Lydin Poge Lydin Proge Alice McGee Lydin Proge Alice McRocel Lydin Proge Alice McRocel

Elizabeth Gage Elizabeth Gage Ellen Lannigan Abbie Emerson Audith Perkins- Jaulith Perkins- Jaulith Perkins- Mary Duffy Mary Duffy Mary Mary Mery Mary Mery Folly Piper Mary A. Nutc. Margaret Ilughes Abigail Thurlow Folly Piper Mary A. Nutc. Margaret Magen D. Meuder Bella J. Sterns Mary Eloy Mary Keley Mary	
Shadrach Hodgdon Patrick Geghan Samuel Marlen Felward S. Robinson Felward Plummer John Baker Joseph Bickford Joseph Bickford Joseph Bickford Joseph Bickford Joseph Bickford Joseph Bickford John Fitz Harris Chipman Hodgkins Joshua Converse James S. Young Moses B. Pettis Elijah H. Tibbetts Elijah H. Tibbetts L. J. Moses Fry Moses Fry L. J. Joseph Lorde Lord Lord Lord Lord Lord John Lord John Lord John Lumbard Bernard Oates Zachari Beas. Zachari Beas.	
W ST Dover Dov	27
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Daniel B. Gale Susan M. Paul John Geghan Grave Robinson Abigali A. Perkins Ball John Prices Baker Sandar Redmond John McQuade Olive Henderson Fitzharris Annis C. H. Clark John S. Checuins John C. H. Clark John C. H. Clark John C. H. Clark Goline Golverse John S. H. Fitzharris Annis C. H. Clark John C. H. Clark Goline B. Mecens Clarker P. Doughrey John S. H. Thibetts George E. Pinco Golyee E. Pinco Golyee E. Pinco Golyee E. Pinco Golyee A. Bonder Golyee E. Pinco Golyee A. Bonder Golyee A. Bonder Golyee E. Pinco Golyee A. Bonder Hennah P. Lord Golyee A. Bonder Hannah P. Looke Freddie Leghton Mary Eleo Napheel Hannah P. Looke Flanner Scholes Mary E. Lork Mary E. Looke Mary E. Lork Mary E. Looke Flanner Mary E. Lork Mary E. Looke Mary E. Looke Janese A. Bayevas Janese A. B	
229 Brooklyn, N. Y. S. 29 Brooklyn, N. Y. S. 20 Brooklyn, D. C. Sternford, D. C. Sternford, C. Sternfo	

Deaths Registered in the City of Dover, for the Year ending December 31, 1891.

Death			Age.	Place of Birth.	f Birth.		
Day.	Place of Death.	Name and Surname of the Deceased.	Years. Months. Color.	Father.	Mother.	Name of Father.	Maiden Name of Mother.
	Dover 12 Dover 13 Dover 15 Dover 15 Dover 15 Dover 17 Dover 17 Dover 17 Dover 18 Dov	Same Amnie Leduc 16 10 10 10 10 10 10 10	\$: : : : : : : : : : : : : : : : : : :	Dover New York Michael Ladue New York New York Michael Ladue Maine Cumberland, Me Greely Stardivant Preland Frank McGoven Preland Frank McGoven Prob. Me George Frost Eliot, Me George Frost Eliot, Me George Frost Eliot, Me George Frost Eliot, Me George Frost Dover Granda Dover Dover Great Ealls Wm. II. Millen Dover Great Ealls Wm. II. Millen Dover Great Ealls Men Duffee Buddeford, Me Clarifeston Mass. Mvin Proctor Buddeford, Me Clarifeston Min Proctor Buddeford Minnes McMannes Dover Granda Dower Dover Granda Dower Dover Granda Dower Dover Jamnes B. Rand Dover Jamnes B. Rand Dover Jamnes B. Rand Dover Jamnes B. Rand Dover Jamnes B. Hanler Dover Jamnes B. Hanler	Dover Now York Maine Comberland, Me. Freland Brookifield, Vt. Canada Great Earls Fingland Rochester Claricston, Mass. New Durland Ireland Over Fingland Over Fingland	inte-	Rebecca E. W. Peirce. Matilda Laboy. Lucy M. Welch. Deborah York. Bellon Lance. Sarah Bartlett. Armen Meshotte. Mary F. Hurd. Sarah J. Lucas. Lucy Roberts. Margaret Leddin. Sarah J. Lucas. Lucy Roberts. Margaret Leddin. S. Comolly. S. Comolly. S. Comolly. Judic Jamelle. Ludie Jamelle. Ludie Jamelle. Ludie Jamelle. Jamin Miggin. Mary Marshall. Jennie Bailey.
1 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 2 2 2 3	Albert H. Spurling 77 20 17 20 20 20 20 20 20 20 2	177 177 177 177 177 177 177 177 177 177	East Kingston Dover East Kingston Nottingham	East Kingston. Dover. England. Nottinglam. Kittery. Parsonsfield, Me. Dover. Minnesota.	George A. Spurling Albert E. Ashby Elliott Fernald Henry Hanscom	Nellie A. Hall Rose Dalton Sallie Mudgett Jennie Balley

Ellean Mulcahey Ellzabeth Burrows Nancy J. Ricker. Many B. Boss Rebecca Hayfield Abigail Lord Rose McConville Betcey Fall Nancy A. Hughes Narth Quinn Arice McNally Mary McLaughlin Mary McLaughlin Mary Hughes Norma M. Whitney Sally Huges	
m, Me. d d wick, Me e e e e e d m, Vi. m, V	
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Michael J. Roach. Betsey Farnham. John Colly Caverly. Charles E. Drew. Sarah Am Wood. Mary Jubbey. Mary Jubbey. Mary Jubbey. Mary Jubbey. Mary Mackin. Eliza Hoghes. James Casey. James Casey. James Casey. James Casey. James Casey. Mary Waldron. Jaylia M. Hageerty. William Need Cluff. Jonathan Need Cluff. Jose E. Kimball. Jose E. Kimball. Jose E. Kimball. Jose E. Kimball. Mary W. Home. Mary W. Home. Mary W. Home. Mary W. Home. Mary W. Homes.	‡Widowed.
Wask	†Married.
25 Dover 1	*Single.
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Deaths Registered in the City of Dover, for the Year ending December 31, 1891.

	Maiden Name of Mother.	Elizabeth Woodman Theodosia Young Margaret Quinlan Betsey Edgerity Martia Perham Margaret Hackay Margie Riley Margie Riley Mary Farmer Edisey D. Rich Lizzie Hughes, Elizaleth Champion Ann Roberts Ann Roberts Mary A. Mooney Georgiana Gagnon Ann Roberts Mary Dean Mary Bean Mary Bean Mary Bean Rhumatele Duppee Mary Allocate Lizzie Greyson Rhumatele Duppee Mary Allocate Lizzie Greyson Rhumatele Duppee Mary Allocate Mary Allocate Lizzie Greyson Rhumatele Duppee Mary Allocate Mar
	Name of Father.	John Graham John Marley John Marley John Marley Mm. Braginsky Martin P. Bennett George Tailby James Courtney Bernard Highes John L. Platts Bennard Martaugh Thomas Gloutier Thomas Gloutier Thomas Gloutier Thomas Merkee John L. Platts Brank Keley Thomas Merkee John L. Platts Brank Keley Thomas Merkee John L. Platts Arm Goodwin Thomas Gloutier Thomas Gloutier Thomas Legive Patrick McKee Jonathan Hanson Bliss Legive Patrick McKeley Aaron Grey James Hughes John L. Platts John L. John John L. John John L. John John L. John John J. John John John J. John John John John J. John John John John John John John John
Place of Birth.	Mother.	Secretary Secr
Place o	Father.	Exeter Wells, Me Street S
	*10100	名字表記:15:23:12:18:18:18:18:18:18:18:18:18:18:18:18:18:
Age.	Days.	で: : :011-1-1 : 1 - 1 - 2 : 1 - 2 : 2 - 3 - 3 - 3 - 3 - 3 - 3 : 2 : 2 : 3 : 3 : 3 : 3 : 3 : 3 : 3 :
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	Name and Surname of Percased.	ane Frost. liver Wyatt. ydian Davis. ydian Davis. ydian Davis. lary Alice Morley farrick Donolly. arrick Donolly. Benneth. Benn
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New York, N. Y. New York, N. Y. Fennsylvania Williamstown, V. Guanda Guanda Guanda Guanda Guanda Jules Bauquel Jul	
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Mrs. Ed. Shea	+
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Deaths Registered in the City of Dover, for the Year ending December 31, 1891.

			Age.	Place o	Place of Birth.		
	Place of Death.	Name and Surname of the Deceased.	Years. Months. Days. Color.	Father.	Mother.	Name of Father.	Maiden Name of Mother.
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ity, Minn.	M. May Follett. Mary Aston. Throofty Bernard. Throofty Bernard. John James Cowan. Franklin B. Randall. Christianna Watson. Christianna Watson. Christianna Watson. Learnet Chrock. Pat Micsorley. Pat Micsorley. Pat Micsorley. Pat Micsorley. Pat Micsorley. Buckley. Burd Scott. Mary E. Brown. Burd Scott. Mary M. Grimes. Hannah Susan Eaton. Henricta Lagace. Hannah Susan Eaton. Gertie N. Gring. Robert L. Scott. Rames L. Hanson. Names W. Leavitt. Ellen McArdle. Ellen McArdle. Ellen McArdle.	: \$1.50 : 14.5 : 15.5 :	Nover Dover Dover Preland Preland	Dover. Cunadd. Coope Wendel Augustin Bern Coope Wendel Millersburg In Win G. Cowan Sew Hampshire. Sewell Randall Scotland Creat Falls Fred Charest. Men Buckley. Scotland Dower Minelland. Brunswick, Mc Joshua Durgin Fredand. Dower Minelland. Brunswick, Mc Michael Muller Sandand. Michael Muller Stephen Toppa Scotland. Michael Muller Stephen Toppa Scotland. Michael Muller Scotland. Michael Muller Scotland. Michael Muller Scotland. Michael Muller Scotland. Molfeborough Scotland. Molfeborough Scotland. Patrick Meshan Freland. John Scott. John Scott.	Dover Dover Fat Agnew Eliza Miller Canada C	Eliza Miller. Kate Grimes. Amie Loughlin Fridget Couley Mary B. Randall. Jeunie Reney. Luzzle Lyden. Luzzle J. Cushman. Rose Cooley. Jane McIntire. Elizabeth Han. Vitaline Levelile. Elizabeth H. Hayes. Elizabeth H. Hayes. Elizabeth H. Hayes. Elizabeth H. Hayes. Man McKone Elizabeth H. Hayes. Ann McKone Elizabeth H. Hayes. Ann McKone Elizabeth H. Hayes. Anthree. Marite R. Marite R. Jane McIntire. Marite Dend. Guimby. Ellen Reynolds.

William M. Heuderson, 85 6 4 25 Daver Convention Malaboury Con	
Vinal Haven, Me. York, Me. York, Me. Comway Ireland Signature Southand Folland	£6
William M. Henderson, 85 6 4 13 Dover William M. Henderson, 85 6 4 15 Nover William M. Henderson, 85 6 4 15 Nover William M. Henderson, 82 9 25 1 Nover William M. Henderson Hoyt. 22 9 25 1 Nover Conwal Conwal Levi F. Levind Levi M. Levi F. Levi M. Levi F. Levi M. Levi F.	
安年を表に終すると表する 12名 : : : : : : : : : : : : : : : : : : :	
William M. Henderson, 81 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	‡Widowed.
Willian Almeeta Almeeta Alarkel Mark I, George	+Married.
	*single.
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Deaths Registered in the City of Dover, for the Year ending December 31, 1891.

эаге от Death.			Age.	Place o	Place of Birth.		
Month. I Day.	Place of Death.	Name and Surname of Deceased.	Years, Months, Days, Color,	Pather.	Mother,	Name of Father.	• Maiden Name of Mother.
911111238848888 : : : : : : : : : : : : : : : :	16 Dover Nezia M. M. M. M. M. M. E. 17 Collebon, Mass. Marco A. Coll. 17 Dover A. M.	Kezia M. Miles Ama S. Kistem Mayor C. Corox Mayor C. Tash Amin Calcutt Robert Christy. Sandra Drofet, Sandra Drofet, Sandra Brown. Albert R. Cocke Merry Dometly, Mariel Lesley, Mariel Lesley, Mariel Lesley, Mariel Lesley, Mariel Lesley, Mariel Castilly.	安良:の東一の一: コーロの :	Gilmanton No. Palmouth, Mas New Brunswick. New Durham. England. Canada. New Hampshire. Alred. Mc Feland. Newmarket Fredand.	Canada W. Fahnouth, Ms. Gardner, Mass. Lee England England Canada Scotland New Permswick Canada New Manswick New Manswi	10 1 1 1 1 1 1 1 1 1	Kezia Bickford Hannah Swift. Mary E. Gates Ellen J. James Ellen J. James Olive Writchouse Odelia Roberge Susta Gockering Sustan Gorkering Mary Carregher. Grave Meserve.
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	*Single. †Married.	rried. †Widowed.		-			







