

ANNUAL SCHOOL MEETING WARRANT.

STATE OF NEW HAMPSHIRE.

*To the Inhabitants of Union School District in Concord,
N. H., qualified to vote in district affairs:*

You are hereby notified to meet at the Auditorium on Prince Street, in said district, on the fifth day of April, 1923, at 7.30 o'clock in the evening, to act upon the following subjects:

1. To choose a moderator for the ensuing year.
2. To choose a clerk for the ensuing year.
3. To hear and act upon the report of the Board of Education for the past year.
4. To choose three members of the Board of Education to serve three years to fill the vacancies arising from the expiration of the term of office of Bennett Batchelder, Elisabeth R. Elkins, and Joseph S. Otis.
5. To choose one or more auditors for the ensuing year.
6. To see what sum of money the district will raise and appropriate for the payment of the debts of the district.
7. To see what sum of money the district will raise and appropriate for the support of the schools for the ensuing year.
8. To see what sum of money the district will raise and appropriate for special repairs and general upkeep of the school buildings of the district.

9. To see if the district will authorize the Board of Education to sell the Millville school buildings to be made vacant by the occupation of the new buildings.

10. To see if the district will authorize the Board of Education to purchase the lot and building located on the east side of Dunklee Street and now owned by John A. Cate, raise and appropriate money for the same, which is to be used for kindergartens and other public school purposes.

11. To transact any other business that may legally come before said meeting.

Given under our hands this fifth day of March, 1923.

HARRY F. LAKE,
ELISABETH R. ELKINS,
OSMA C. MORRILL,
W. STANLEY EMERY,
BENNETT BATCHELDER,
CHARLES DUNCAN,
DOROTHY B. JACKSON,
C. H. FOSTER,
JOSEPH S. OTIS,

Board of Education of Union School District.

A true copy of the original warrant. Attest:

HARRY F. LAKE,
ELISABETH R. ELKINS,
OSMA C. MORRILL,
W. STANLEY EMERY,
BENNETT BATCHELDER,
CHARLES DUNCAN,
DOROTHY B. JACKSON,
C. H. FOSTER,
JOSEPH S. OTIS,

Board of Education of Union School District.

RECORD OF ANNUAL MEETING.

In accordance with the foregoing warrant a meeting of the legal voters of Union School District was held at the City Auditorium in Concord, N. H., on Thursday, April 5, 1923, at 7.30 o'clock p. m.

Because of a vacancy in the office of moderator due to the death of Louis C. Merrill, the meeting was called to order and the warrant read by Ray E. Burkett, clerk of the district.

ARTICLE 1. On motion of Henry H. Metcalf the clerk was instructed to cast one ballot for Arthur P. Morrill for moderator of the district for the ensuing year, and he was declared duly elected moderator and took the oath of office before Ray E. Burkett, Justice of the Peace.

ART. 2. On motion of Rev. W. Stanley Emery the moderator was instructed to cast one ballot for Ray E. Burkett for clerk of the district for the ensuing year, and he was declared duly elected and took the oath of office before the moderator.

ART. 3. On motion of Henry E. Chamberlin it was unanimously

Voted: That the reading of the report of the Board of Education be dispensed with, and that the report as printed be accepted and placed on file.

ART. 4. On motion of Henry H. Metcalf it was unanimously

Voted: To proceed to the election by ballot of three members of the Board of Education to serve for a term of three years and that the polls remain open for the reception of ballots until 8.15 o'clock; and that the moderator appoint three tellers to sort and count the ballots.

The moderator appointed as tellers Ernest P. Roberts, Frank W. Brown, and Miss Elisabeth Parker.

At 8.15 o'clock the moderator declared the polls closed, and announced the result of the vote as follows:

Total number of ballots cast	342
Necessary for a choice	172
Dr. E. S. Sullivan had	1
Persis Metcalf had	1
James M. Langley had	1
Grace P. Amsden had	1
E. K. Woodworth had	2
W. L. Stevens had	3
Bennett Batchelder had	334
Joseph S. Otis had	337
Elisabeth R. Elkins had	338

and Bennett Batchelder, Joseph S. Otis, and Elisabeth R. Elkins were declared duly elected members of the Board of Education for a term of three years.

ART. 5. On motion of Burns P. Hodgman, duly seconded, Henry H. Metcalf, and John P. George were unanimously elected auditors of the district for the ensuing year.

ART. 6. On motion of Harry F. Lake, duly seconded, it was unanimously

Voted: That there shall be raised and is hereby ordered to be raised by tax on the polls and ratable estates within Union School District, Supervisory Union No. 8, the sum of Nineteen Thousand Ninety-Five Dollars (\$19,095), of which sum Twelve Thousand Dollars (\$12,000) shall be appropriated for the payment of the bonds maturing July 1, 1923, and October 1, 1923, and Seven Thousand Ninety-Five Dollars (\$7,095) for the payment of the interest on its bonded debt accruing during the year.

ART. 7. On motion of Carl H. Foster, duly seconded, it was unanimously

Voted: That there shall be raised and is hereby ordered to be raised by tax on the polls and ratable estates within Union School District, Supervisory Union No. 8, and appropriated for the support and the general administration of the public schools for the ensuing year, such a sum as, in addition to the amount required by law, will amount to the sum of Two Hundred Forty-Nine Thousand, Nine Hundred Sixty and 69/100 Dollars (\$249,960.69).

ART. 8. Bennett Batchelder read a detailed statement of estimated amounts required for repairs to the property of the district during the coming year, and on his motion, duly seconded, it was

Voted: That there be raised and is hereby ordered to be raised on the polls and ratable estates within Union School District and appropriated for special repairs to school buildings the sum of Seventeen Thousand One Hundred Dollars (\$17,100).

ART. 9. On motion of Joseph S. Otis, duly seconded, it was unanimously

Voted: That the Board of Education be authorized to sell by public auction, or to the highest bidder in private sale, the buildings to be made vacant by the occupation of the new school buildings at Millville, and directed to enter the sum received by the sale to the credit of Union School District.

ART. 10. On motion of Dorothy B. Jackson it was

Voted: That the Board of Education be authorized to purchase of John A. Cate his lot on the east side of Dunklee Street held under option of purchase by Union School District, and that the sum of Fifteen Hundred Dollars

(\$1500) be raised and is hereby ordered to be raised on the polls and ratable estates within Union School District and appropriated for the purchase of said lot.

ART. 11. On motion of Ira Leon Evans it was unanimously

Voted: That Dr. Samuel S. Drury, John D. Bridge, Fred C. Demond, Burns P. Hodgman, and John S. B. Davie be appointed a committee of citizens to assist the Board of Education, or a committee thereof, to make an investigation of housing conditions in Concord so far as such conditions relate to the schools thereof, and report to the District not later than November first, 1923, with any recommendations that to them seem wise on the facts disclosed, particularly as to a new High School building, or any other school buildings, or any school building program, and any other matters relating thereto.

On motion of Harry F. Lake the meeting adjourned.

A true record. Attest:

RAY E. BURKETT,
Clerk.

A true copy of the record. Attest:

RAY E. BURKETT,
Clerk.

WATER DEPARTMENT.

1923.

BOARD OF WATER COMMISSIONERS.

HENRY E. CHAMBERLIN, Mayor, *ex-officio*.

CARLOS H. FOSTER,	to March 31, 1927.
MELVIN L. TOWLE,	to March 31, 1927.
HARRY H. DUDLEY,	to March 31, 1926.
NATHANIEL E. MARTIN,	to March 31, 1926.
BURNS P. HODGMAN,	to March 31, 1925.
JOHN B. ABBOTT,	to March 31, 1925.
FRANK P. QUIMBY,	to March 31, 1924.
GEORGE T. KENNEY,	to March 31, 1924.
OLIVER J. PELREN,	to June 3, 1923.

NATHANIEL E. MARTIN, *President*.

BURNS P. HODGMAN, *Clerk*.

SUPERINTENDENT.

P. R. SANDERS.

CLERK.

ALICE G. COCHRAN.

FOREMAN.

JAMES T. DAVIS.

ENGINEER.

HENRY A. ROWELL.

CONSTRUCTION.

Cost of land damages, flowage and water rights:

Paid B. F. & D. Holden, for water rights,	\$60,000.00
Concord Manufacturing Co., for water rights,	83,000.00
W. P. Cooledge, for mill privilege and land,	5,500.00
Humphrey & Farnum, for kit-shop privilege,	5,000.00
flowage rights around Penacook Lake,	4,375.61
for land at Penacook Lake,	94,184.95
C. H. Amsden, water and flowage rights,	5,000.00
Cost of property and rights of Torrent Aqueduct Association,	20,000.00
dam, gate-houses and appurtenances,	39,267.74
conduit and upper gate-house,	29,818.94
mains (low service main and pump main from the dam to Penacook Street, force main from the pump to the reservoir, fire main through North and South Main Streets, and high service main from Penacook Street to Stark Street, Penacook),	182,241.70
distribution pipe,	427,574.00
service pipe,	78,900.59

Cost of reservoir, including land,	\$45,044.09	
p u m p i n g station, shop,		
stable and storehouse, in-		
cluding land,	29,743.35	
pumping machinery,	20,706.72	
engineering and superin-		
tendence,	14,913.12	
incidentals,	6,875.97	
		<hr/>
Cost of works, January 1, 1924,		\$1,152,146.78
Less amount received for lumber, land and		
buildings sold,		7,919.11
		<hr/>
		\$1,144,227.67

Bonds of the city have been issued to pay a part of said cost, of which the following are still outstanding :

<i>Due.</i>	<i>Rate.</i>	<i>Amount.</i>
January 1, 1924,	3½,	\$15,000.00
January 1, 1924,	4½,	18,000.00
January 1, 1925,	4½,	18,000.00
Januray 1, 1926,	4½,	18,000.00
January 1, 1927,	4½,	18,000.00
January 1, 1928,	4½,	18,000.00
January 1, 1929,	4½,	18,000.00
January 1, 1930,	4½,	18,000.00
January 1, 1931,	4½,	18,000.00
January 1, 1932,	4½,	18,000.00
January 1, 1933,	4½,	18,000.00
January 1, 1934,	4½,	18,000.00
January 1, 1935,	4½,	18,000.00
January 1, 1936,	4½,	18,000.00
January 1, 1937,	4½,	18,000.00
		<hr/>
		\$267,000.00

CITY OF CONCORD WATER WORKS INCOME.

INVESTMENT ACCOUNT.

Amount of capital, January 1, 1924,	\$25,000.00
Invested in	
U. S. First Liberty Loan, converted, 4¼% bonds,	\$5,000.00
U. S. Third Liberty Loan, 4¼% bonds,	10,000.00
U. S. Fourth Liberty Loan, 4¼% bonds,	10,000.00
	\$25,000.00

CITY OF CONCORD WATER WORKS PROFIT.

INCOME ACCOUNT.

Income received, 1922,	\$1,207.54
Income received, 1923,	1,127.07
	\$2,334.61

**REPORT OF THE BOARD OF WATER
COMMISSIONERS.**

Concord, N. H., February 7, 1924.

*To the Mayor and Board of Aldermen of the City of
Concord:*

We hereby submit the annual report of the Superintendent of the Water Works for the year ending December 31, 1923.

The report is in detail, giving full and complete information of the standing of the Water Works at the end of the year.

You will notice that the bonded debt has been reduced from \$575,000—January 1, 1911, to \$234,000—January 1, 1924.

The receipts from the Water Department hereafter will be sufficient or more than sufficient to meet annually the bonds which become due each year.

Respectfully submitted,

NATHANIEL E. MARTIN,
HARRY H. DUDLEY,
FRANK P. QUIMBY,
BURNS P. HODGMAN,
JOHN B. ABBOTT,
GEORGE T. KENNEY,
CARLOS H. FOSTER,
MELVIN L. TOWLE,
HENRY E. CHAMBERLIN, *ex-officio*,
Board of Water Commissioners.

IN M E M O R I A M**OLIVER J. PELREN**

Born at Concord, N. H., January 8, 1856

Died at Concord, N. H., June 3, 1923

Member of the Board of Water

Commissioners, 1918-1923

Resolved: That the Board of Water Commissioners at this time record their appreciation of the faithful services of OLIVER J. PELREN, who held it an honor to serve his native city as a member of the Board of Water Commissioners.

They also desire to express their deep sense of loss by his death, of a valued friend and wise counsellor.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners:

I herewith present to you the fifty-second annual report of the operations of this department, showing the receipts, expenditures and abatements, together with a statement of the extensions and improvements made during the year ending December 31, 1923.

RECEIPTS.

For water from consumers at fixed rates,	\$9,907.42	
For water from consumers by meter rates,	75,455.80	
From delinquents,	116.75	
For water for building purposes,	53.00	
For wood and farm lands,	235.00	
For labor and materials furnished on private fire lines,	865.94	
For pipe and stock sold and labor,	782.34	
For old iron and brass,	28.40	
For shutting off and turning on water, non-payment of bill,	2.00	
For repairs of automobile on account of collision,	33.00	
Rebate on insurance,	6.55	
	\$87,486.20	
Deduct abatements,		16.09
		\$87,470.11
Net receipts for 1923,		\$87,470.11

EXPENDITURES.

MAINTENANCE ACCOUNT.

General care and maintenance :

Salaries and labor,	\$11,954.24	
Team account,	122.64	
Automobile account,	1,296.82	
Miscellaneous supplies and repairs,	624.90	
Tools,	281.06	
Repair of buildings,	104.57	
Telephones and lighting,	89.64	
Insurance,	547.66	
Incidentals,	647.48	
	—————	\$15,669.01

Office expenses :

Salaries and clerical work,	\$1,803.50	
Postage and printing,	494.78	
Miscellaneous supplies,	91.41	
Repairs,	8.92	
Telephone,	42.55	
	—————	2,441.16

Care and repair of hydrants :

Stock,	\$26.25	
Labor,	475.34	
	—————	501.59

Care and repair of meters :

Stock,	\$262.32	
Labor,	1,266.58	
	—————	1,528.90

WATER DEPARTMENT.

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Relaying service pipes:

Stock,	\$402.68	
Labor,	1,647.56	
	<u> </u>	\$2,050.24

Repairing leaks, labor,		488.17
Work at Lake,		128.30
Care of wood-lots,		244.19
Penacook Park,		74.19
Taxes, town of Webster,		96.00
Incidentals,		15.40
Repairs to cottage at Lake,		645.10

Pumping station:

Salaries,	\$1,657.00	
General supplies and repairs,	10.41	
Telephone and lighting,	50.63	
Steam pump, supplies and repairs,	28.60	

Electric pump:

Power,	\$1,910.64	
Supplies and repairs,	10.52	
Heating,	357.00	
	<u> </u>	2,278.16
		<u> </u>
		4,024.80

Total maintenance account,		<u> </u>
		\$27,907.05

CONSTRUCTION ACCOUNT.

Distribution pipes:

Stock,	\$3,509.52	
Labor,	2,008.05	
	<u> </u>	\$5,517.57

Service pipes:

Stock,	\$2,018.43	
Labor,	1,245.97	
	<u> </u>	3,264.40

Hydrants:

Stock,	\$707.62	
Labor,	214.59	
		\$922.21

Meters:

Stock,	\$1,244.82	
Labor,	320.30	
		1,565.12

Total construction account,	\$11,269.30
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Settlement of claim of John J. McLaughlin and expenses,	\$2,495.11
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Total expenditures, 1923,	\$41,671.46
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EXTENSIONS AND IMPROVEMENTS.

Distribution pipes laid in 1923:

Bridge Street, east from North Main Street, 195 feet of 8-inch pipe.

Rumford Avenue, east from Hall Street, 875 feet of 6-inch pipe.

Broad Avenue, west from Broadway, 812 feet of 6-inch pipe.

Wood Avenue, west from Broadway, 289 feet of 6-inch pipe.

Dunklee Street, extended south to Holly Street, 415 feet of 6-inch pipe.

Holly Street, extended west to Dunklee Street, 30 feet of 6-inch pipe.

Clarke Street, West Concord, extended east, 118 feet of 6-inch pipe, replacing 1 $\frac{1}{4}$ -inch pipe.

Also 215 feet of 1¼-inch and 655 feet of 1-inch pipe.

On hydrant branches, 10 feet of 8-inch and 45 feet of 6-inch pipe.

Total length of main and distribution pipes now in use, 386,205 feet, or 73.15 miles.

Seven gates were added during the year; total number now in use, 1,082.

Four new hydrants have been set as follows: On Bridge Street, high service, on north side at Carpenter's paint shop; on Broad Avenue, 500 feet from Broadway; on Rumford Avenue, at east end; on Clarke Street, West Concord, at east end.

Total number of hydrants now in use, 475.

Ninety-one services have been laid, consisting of 1,708 feet of ¾-inch; 388 feet of 1-inch; 120 feet of 1¼-inch; and 120 feet of 2-inch pipe.

Three 6-inch high service connections have been made for sprinkler service for the following premises: Hoyt Electrical Instrument Works, Harry G. Emmons, and Phenix Hotel.

Fourteen services have been discontinued. Total number now in use, 4,038.

Total length of service pipes, 95,731 feet or 18.13 miles.

Eighty-four services have been relaid and curb valves placed on 43 old services.

Seventy-eight new meters have been set and 2 meters have been removed, making total now in use, 2,843.

Respectfully submitted,

PERCY R. SANDERS, *Supt.*

REPORT OF THE ENGINEER AT PUMPING STATION.

PUMPING STATION, CONCORD WATER WORKS.

P. R. Sanders, Superintendent:

Sir: I would report that the pumping machinery at the pumping station, including boilers is in good working condition.

Both steam pumps have been turned over every two weeks by high service pressure to see that they were in good working order.

RECORD OF MOTOR-DRIVEN CENTRIFUGAL PUMP.

MONTHS.	Total days pumping.	Total hours pumping.	Average hours pumping.	K. W. H. monthly.	Daily average K. W. H.	K. W. H. per 1,000,000 gallons.	Total gallons pumped Venturi meter.	Pints of oil.	Pounds of packing.	Pounds of waste.	Pounds of coal heating.
January.....	31	175:25	5:39	14,170	457	511	27,680,000	4	4	5	8,500
February.....	28	166:	5:26	13,260	473	508	25,260,000	4	4	4	8,060
March.....	31	180:35	5:43	14,380	463	512	28,075,000	7	4	3	8,095
April.....	30	155:45	5:11	12,350	411	503	24,526,000	9	4	4	4,887
May.....	31	173:40	5:36	13,860	447	500	27,674,000	6	4	2	.....
June.....	30	202:35	6:45	16,170	539	501	32,275,000	6	3	2	.....
July.....	31	178:15	5:44	14,200	458	501	28,341,000	6	4	3	.....
August.....	31	167:30	5:24	13,290	428	501	26,500,000	6	6	3	.....
September. ...	30	154:26	5: 8	12,330	411	504	24,446,000	8	6	3	.....
October.....	31	166:25	5:22	13,670	440	501	27,238,000	3	3	3	1,000
November.....	30	150: 5	5: 5	11,990	399	504	23,789,000	6	4	4	800
December	30	138:50	4:28	11,050	356	503	21,944,000	7	4	5	4,826
Total.....	364	2,009:31		160,720			317,745,000	72	50	41	36,168
Daily ave..			5:33		441	505	870,534				171

There were also pumped by steam pumps 1,472,312 gallons.

Respectfully submitted,

HENRY A. ROWELL, *Engineer.*

CITY TREASURER'S CONDENSED STATEMENT
OF WATER WORKS ACCOUNT.

C. H. FOSTER, *Treasurer*, in account with Concord Water
Works.

RECEIPTS.

Balance on hand, January 1, 1923,	\$25,059.07
Interest on investments,	2,334.61
Receipts, P. R. Sanders, Superin- tendent,	87,470.11
	\$114,863.79

EXPENDITURES.

Orders paid,	\$41,649.55
Bonds paid,	21,000.00
Interest on bonds,	12,322.50
Balance on hand, January 1, 1924,	39,891.74
	\$114,863.79

BONDED INDEBTEDNESS OF WATER PRECINCT.

<i>Due.</i>	<i>Rate.</i>	<i>Amount.</i>
January 1, 1924,	4½,	\$18,000.00
January 1, 1925,	4½,	18,000.00
January 1, 1926,	4½,	18,000.00
January 1, 1927,	4½,	18,000.00
January 1, 1928,	4½,	18,000.00
January 1, 1929,	4½,	18,000.00
January 1, 1930,	4½,	18,000.00
January 1, 1931,	4½,	18,000.00
January 1, 1932,	4½,	18,000.00
January 1, 1933,	4½,	18,000.00

January 1, 1934,	4½,	\$18,000.00
January 1, 1935,	4½,	18,000.00
January 1, 1936,	4½,	18,000.00
January 1, 1937,	4½,	18,000.00
January 1, 1924,	3½,	15,000.00
		<hr/>
		\$267,000.00

STATEMENT OF COUPON ACCOUNT OF THE WATER PRECINCT.

Dr.

To coupons overdue January 1, 1923, and not presented,	\$146.00	
To coupons due, 1923,	12,375.00	
	<hr/>	\$12,521.00

Cr.

By coupons paid, 1923,	\$12,322.50	
By coupons due and not presented,	198.50	
	<hr/>	\$12,521.00

RECEIPTS FOR EACH YEAR SINCE THE CONSTRUCTION OF THE
WORKS.

For the year ending January 31, 1874,	\$4,431.10
For fifteen months ending April 1, 1875,	17,535.00
For the year ending April 1, 1876,	16,921.24
“ “ “ 1877,	19,001.07
“ “ “ 1878,	20,763.03
“ “ “ 1879,	21,869.86
“ “ “ 1880,	22,451.53
“ “ “ 1881,	26,744.58
For nine months ending December 31, 1881,	25,534.01
For the year ending December 31, 1882,	27,243.06
“ “ “ 1883,	28,255.48
“ “ “ 1884,	28,915.65
“ “ “ 1885,	30,222.54
“ “ “ 1886,	30,862.64
“ “ “ 1887,	34,047.52
“ “ “ 1888,	38,441.32
“ “ “ 1889,	40,237.53
“ “ “ 1890,	42,133.41
“ “ “ 1891,	46,075.16
“ “ “ 1892,	48,351.52
“ “ “ 1893,	52,299.66
“ “ “ 1894,	53,230.10
“ “ “ 1895,	55,343.19
“ “ “ 1896,	56,557.81
“ “ “ 1897,	55,156.42
“ “ “ 1898,	59,147.54
“ “ “ 1899,	*53,953.13
“ “ “ 1900,	*57,003.71
“ “ “ 1901,	62,253.61
“ “ “ 1902,	63,430.85

* No hydrant rental this year.

For the year ending December 31, 1903,		\$65,088.45
“ “ “ 1904,		68,570.48
“ “ “ 1905,		71,076.44
“ “ “ 1906,		73,063.45
“ “ “ 1907,		73,782.64
“ “ “ 1908,		71,362.67
“ “ “ 1909,		*67,307.84
“ “ “ 1910,		68,673.71
“ “ “ 1911,		71,881.34
“ “ “ 1912,		76,145.13
“ “ “ 1913,		76,154.45
“ “ “ 1914,		74,422.15
“ “ “ 1915,		78,940.06
“ “ “ 1916,		75,052.72
“ “ “ 1917,		77,092.10
“ “ “ 1918,		78,077.15
“ “ “ 1919,		73,671.71
“ “ “ 1920,		78,589.63
“ “ “ 1921,		77,323.78
“ “ “ 1922,		82,090.42
“ “ “ 1923,		87,470.11
		<hr/>
Total receipts for 51 years,		\$2,704,249.70

MEAN HEIGHT OF WATER EACH YEAR.

1873,	175.86	1879,	179.74
1874,	179.50	1880,	175.30
1875,	180.00	1881,	174.70
1876,	180.28	1882,	179.15
1877,	176.46	1883,	176.40
1878,	179.50	1884,	178.18

*No hydrant rental after 1908.

WATER DEPARTMENT.

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1885,	176.80	1905,	183.37
1886,	178.10	1906,	183.94
1887,	179.04	1907,	183.59
1888,	181.96	1908,	183.41
1889,	180.91	1909,	181.40
1890,	181.90	1910,	180.22
1891,	180.00	1911,	177.60
1892,	174.32	1912,	178.86
1893,	173.38	1913,	179.20
1894,	172.81	1914,	179.55
1895,	171.15	1915,	180.00
1896,	178.96	1916,	184.15
1897,	183.33	1917,	183.81
1898,	184.31	1918,	181.84
1899,	183.49	1919,	183.32
1900,	183.09	1920,	184.28
1901,	183.86	1921,	183.96
1902,	184.98	1922,	183.98
1903,	184.75	1923,	182.92
1904,	184.40		

SCHEDULE OF IRON AND CEMENT-LINED PIPES AND GATES.

STREETS.	BRICK CON- DUIT.	LENGTH AND SIZE OF IRON PIPE IN FEET.										Number of gates.		
		30- in.	24- in.	20- in.	18- in.	16- in.	14- in.	12- in.	10- in.	8- in.	6- in.		4- in.	
Conduit	2220													
Reserve main.....		282												
Low service main..				331	1905	75								7
Pump main				13598	58	75	147							6
Gate-houses and layout														29
Force main.....		240	2962			42	20							5
Pumping station and layout														8
Abbott.....											23	349		2
Academy											458			1
Albin									785					1
Alleyways.....									776		450	505		2
Allison											2492			4
Auburn.....							2182							1
Avon											724			2
Badger											5	689		1
Beacon											2145			3
Blake											265	250		2
Blanchard											475			1
Blossom Hill											1781			1
Bow											590			1
Bradley									1577		260			4
Bridge									327	195	1123			2
Broad Ave.....											812			1
Broadway							2278	2052						3
Cambridge											6	154		1
Capitol									508		763			5
Carter											1077			2
Centre									3529	2690				14
Chandler											306			1
Chapel											585	56		2
Charles												516		1
Chestnut											265			1
Church										21	1600	547		7
Clarke											350			
Clinton									1942	180	1663			3
Columbus Avenue.							2100							1
Concord											1593	286		5
Court											670			2
Curtice Avenue...											422			2
Dakin											19	836		2
Dartmouth											590			2
Depot											387	242		2
Donovan											456			1
Downing											1977	92		4
Dunklee											2063			4
Durgin											265			1
Eastman											400	400		1
Electric											550			1
Elm											270	607		4
Engel											388			1
Essex											587			2
Essex, North.....											262			1
Fairbanks.....											165			
Fayette											1187			3
Ferry										1000		1066		4

SCHEDULE OF IRON AND CEMENT-LINED PIPES AND GATES.—Continued.

STREETS.	LENGTH AND SIZE OF IRON PIPE IN FEET.											Number of gates.	
	BRICK CON- DUIT.	30- in.	24- in.	20- in.	18- in.	16- in.	14- in.	12- in.	10- in.	8- in.	6- in.		4- in.
Martin											400		...
McKinley											738		2
Merrimack. [School											1729		6
Mill Road, S. P.										750	124	2604	3
Mills											26	1294	4
Minot											860		2
Monroe											1289		2
Montgomery											700		2
Morton											516		1
Myrtle												324	1
Noyes										1016			...
Oak												305	1
Odd Fell'ws Avenue										19		229	...
Old Hopkinton Road												814	1
Old S. Mill R'd, S. P. S.												3446	2
Orchard											620		1
Palm											596		1
Park									62		601		3
Peabody											380		1
Pearl											584		2
Penacook						300			2457		2448		9
Perkins											616		3
Perley											2215		4
Perry Avenue												460	2
Pierce												300	1
Pillsbury											2493		1
Pine											681	985	4
Pitman												480	6
Pleasant							10791	3546	292	185			18
Prince												531	1
Princeton											661		2
Prospect											800		...
Railroad											584		1
Ridge Road											1012		1
Rockingham											1320		2
Rollins												195	1
Rowell											176		1
Rumford								9	15	3502			17
Rumford Avenue											875		1
School									5202	708	575		10
Second, W. Concord											210		1
Sewall's Falls Road											1655		1
Sexton Avenue											210		1
Short												223	1
South								4036	2422		4585		4
Spring, North									390	26	2629		12
Spring, South										2391		388	5
State, North			5969						31				6
State, South						3049	839		21				5
Stevens Avenue										53	385		1
Stickney Avenue									250				...
Stone											1080		1
Summer											19	370	1
Summit												172	1
Tahanto											1015		4
Thompson									38	326	1380		4
Thorndike									1898	250			4
Tremont										823	748		4
Union											1005		2

SCHEDULE OF IRON AND CEMENT-LINED PIPES
AND GATES.— *Concluded.*

STREETS.	LENGTH AND SIZE OF CEMENT-LINED PIPE IN FEET.						
	18-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.
Old cement-lined main		2230					
Low service main	11391						
Chestnut						373	
Franklin						120	
High						1218	
Perkins							34
Rumford			5952	1203			
State, North			1764				
Valley						675	
Warren						11	
Hydrant branches						298	88
Blow-offs							44
PENACOOK.							
Penacook, high service main		13110	1221				
Canal, East					628		
Canal, West					422		
Centre					479	245	
Charles						1777	
Church						482	
Cross					734		
High						2100	
Main			2573				
Merrimack			57		1181	2023	
Spring					652		
Stark				529			
Summer					1149		276
Washington					1193		
Hydrant branches						675	
Blow-offs							55
Totals	11391	15340	11567	1732	6438	10201	497

HYDRANTS.

H, HIGH SERVICE; L, LOW SERVICE.

STREETS.	LOCATIONS.	Service.	Number.	
North Main...	Southwest corner of Penacook.....	L		
	East side, near J. B. Walker's.....	L		
	Junction of Fiske.....	L		
	East side, near Larkin's store.....	H		
	Northwest corner of Franklin.....	H		
	East side, opposite Pearl.....	H		
	Northwest corner of Washington.....	L		
	West side, at West Garden.....	H		
	East side, opposite Chapel.....	L		
	Northwest corner of Court.....	L		
	Northwest corner of Pitman.....	H		
	Northwest corner of Montgomery.....	H		
	East side, opposite Montgomery.....	L		
	Northwest corner of Centre.....	H		
	Southeast corner of Bridge.....	L		
	Southwest corner of Park.....	L		
	East side, opposite Park.....	H		
	Northwest corner of Capitol.....	H		
	Northwest corner of School.....	L		
	West side, at Centennial Block.....	H		
	East side, opposite Centennial Block.....	L		
	East side, near Eagle Garage.....	H		
	East side, in rear Robinson's Store. ...	H		
	East side, in rear Phenix Block.....	H		
	Northwest corner of Warren.....	L		
	West side, at Central Block.....	H		
	Northwest corner of Depot.....	L		
	Northwest corner of Pleasant.....	L	28	
	South Main....	Southeast corner of Pleasant.....	H	
		Northeast corner of Freight.....	L	
		East side, opposite Fayette.....	H	
East side, opposite Thompson.....		L		
Southeast corner of Chandler.....		H		
Northwest corner of Wentworth Avenue....		H		
Northwest corner of Thorndike.....		L		
East side, opposite St. John's Church.....		H		
Northwest corner of Perley.....		L		
West side, near Abbot & Downing Co.'s....		H		
East side, opposite Abbot & Downing Co.'s..		L		
East side, near West.....		H		
Northeast corner of Gas.....		L		
West side, opposite Holt Bros. Mfg. Co....		H		
Southwest corner of South State.....	H			

HYDRANTS.—*Continued.*

STREETS.	LOCATIONS.	Service.	Number.		
South Main....	Northwest corner of Pillsbury.....	L	21		
	East side, opposite Pillsbury.....	H			
	West side, opposite entrance to R. R. shops..	H			
	West side, 110 feet north of McKinley.....	L			
	West side, between McKinley and Rockingham	L			
Water.....	West side, below Wiggin.....	L	1		
	West side, below Bridge.....	L			
	Hall.....	West side, opp. Rolfe and Rumford Asylum.		L	
		West side, below No. 18.....		L	
	Hammond.....	West side, at No. 32.....		L	
		West side, opposite Hammond.....		L	
		West side, opposite Home Avenue.....		L	
		East side, at No. 85.....		L	
		East side, near Rumford Field.....		L	
		West side, near Nysten's.....		L	
		West side, near Thompson's.....		L	
	Railroad.....	West side, at Gilman's.....		L	10
		North side, near Bridge.....		L	
Fiske.....	Rumford Ave.....	L	1		
	East side, opposite Ford & Kimball's.....	L			
Summer.....	West side, near North State.....	H	2		
	West side, south line of Walker School.....	H			
Durgin.....	Northeast corner of Pitman.....	L	1		
	East side, opposite Toof's laundry.....	L			
North State...	Southwest corner of Penacook.....	H	14		
	Northwest corner of Walker.....	H			
	Northwest corner of Church.....	L			
	Northeast corner of Franklin.....	L			
	Northwest corner of Tremont.....	L			
	Northeast corner of Washington.....	L			
	West side, opposite Court.....	L			
	Southwest corner of Maple.....	L			
	Southeast corner of Centre.....	L			
	Southeast corner of Park.....	L			
	Southwest corner of School.....	L			
	Southeast corner of Warren.....	L			
	Northwest corner of Warren.....	H			
	Northwest corner of Pleasant.....	L			
South State...	Southeast corner of Pleasant.....	H			
	East side, opposite Wall.....	L			
	Southeast corner of Fayette.....	L			
	Northwest corner of Thompson.....	L			
	Southwest corner of Monroe.....	L			
	East side, opposite Laurel.....	L			
	Northeast corner of Downing.....	L			
	Northeast corner of West.....	L			
Southwest corner of Harrison.....	L	9			

HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Service.	Number.
Mills.....	West side, at No. 22.....	L	
	Northwest corner of Allison.....	L	2
Dakin.....	West side, 220 feet north of Allison.....	L	1
Glen.....	West side, at No. 10.....	L	1
Dunklee.....	West side, 150 feet south of West.....	L	
	Northwest corner of Allison.....	L	
	Northwest corner of Pillsbury.....	L	3
Broadway.....	West side, 80 feet north of Humphrey.....	L	
	Northwest corner of Allison.....	L	
	Northwest corner of Carter.....	L	
	Northwest corner of Stone.....	L	
	West side, at Rollins Park.....	L	
	West side, opposite McKinley.....	L	
	West side, between McKinley and Rockingham	L	7
Donovan.....	Northeast corner of Wiggin.....	L	1
Green.....	Northwest corner of Prince.....	H	
	East side, opposite Prince.....	L	
	Northwest corner of Warren.....	L	3
South.....	West side, opposite Wall.....	L	
	Northwest corner of Fayette.....	L	
	Northwest corner of Thompson.....	L	
	West side, opposite Monroe.....	L	
	West side, opposite Laurel.....	L	
	West side, below N. H. Memorial Hospital..	L	
	West side, opposite Downing.....	L	
	West side, opposite Allison.....	L	
	West side, opposite Pillsbury.....	L	
	West side, near Paige's.....	L	
	West side, opposite I. W. Bushey's.....	L	
	Northwest corner of Iron Works Road.....	L	
	East side, at Quint's.....	L	
	West side, near Bow line.....	L	14
Bradley.....	Southwest corner of Penacook.....	H	
	Northwest corner of Walker.....	L	
	East side, opposite Highland.....	L	
	Northwest corner of Franklin.....	L	4
Union.....	Northwest corner of Maple.....	L	1
Jackson.....	Northeast corner of Church.....	H	
	North corner of Cole Court.....	L	2
Lyndon.....	Southwest corner of Tremont.....	H	
	East side, opposite Abbott.....	H	2
North Spring..	Northeast corner of Maple.....	L	
	Southwest corner of Centre.....	H	
	West side, at High School.....	H	
	East side, opposite High School.....	L	
	Southwest corner of School.....	H	5

HYDRANTS.—*Continued.*

STREETS.	LOCATIONS.	Service.	Number.
South Spring..	Southwest corner of Oak.....	L	4
	West side, opposite Thompson.....	L	
	West side, opposite Concord.....	L	
	West side, near Memorial Hospital.....	L	
Academy.....	East side, at No. 10.....	H	1
Hanover.....	West side, at No. 10.....	L	1
Rumford.....	West side, south of cemetery gate.....	H	11
	West side, opposite Perkins.....	L	
	Southeast corner of Walker.....	L	
	Northeast corner of Albin.....	L	
	Northeast corner of Franklin.....	L	
	Northwest corner of Beacon.....	H	
	Northeast corner of Abbott.....	L	
	Northeast corner of Cambridge.....	L	
	Northwest corner of Centre.....	H	
	Northeast corner of School.....	L	
	West side, at Morrill School.....	L	
Huntington....	West side, at head of Short.....	H	1
Tahanto.....	Northwest corner of School.....	H	1
Pine.....	Southwest corner of Centre.....	H	2
	Southwest corner of Warren.....	H	
Holt.....	East side, at No. 10.....	H	1
High.....	Northwest corner of Auburn.....	H	4
	Northwest corner of Valley.....	H	
	East side, opposite Forest.....	H	
	Southwest corner of Franklin.....	H	
Gladstone....	West side, at No. 13.. ..	H	1
Valley.....	Northeast corner of Forest.....	H	1
Auburn.....	Northeast corner of Chestnut.....	H	3
	Northeast corner of Forest.....	H	
Ridge Road....	North side, between Centre and Forest....	H	1
Westbourne Rd.	North side, 135 feet north of Centre.....	H	1
Dartmouth....	Southwest corner of Clinton.....	L	2
	Northwest corner of Noyes.....	L	
Princeton.....	Southwest corner of Clinton.....	L	2
	Northwest corner of Noyes.....	L	
Fruit.....	Northeast corner of Woodman.....	H	4
	West side, 700 feet south of Pleasant.....	L	
	East side, opposite No. 70.....	L	
Minot.....	East side, opposite No. 114.....	L	3
	West side, north of Odd Fellows' Home....	H	
	West side, south of Odd Fellows' Home....	H	
Kensington Rd.	Northwest corner of Pleasant.....	H	1
	Northwest corner of Pleasant.....	H	
Stevens Ave...	Northeast corner of Pleasant.....	H	1

HYDRANTS.—*Continued.*

STREETS.	LOCATIONS.	Service.	Number.
Penacock.....	South side, near Concord Lumber Co.....	H	8
	South side, east of P. B. Co.'s storehouse...	L	
	South side, near P. B. Co.'s.....	H	
	South side, near P. B. Co.'s office.....	H	
	Southeast corner of North Main.....	H	
	Southwest corner of Rumford.....	H	
	North side, opposite No. 69.....	H	
	Southeast corner of Columbus Avenue.....	H	
Walker.....	Southwest corner of Martin.....	L	2
	South side, 500 feet west from Rumford...	L	
Albin.....	North side, 160 feet west of Bradley.....	L	1
Highland.....	North side, at No. 22.....	L	2
	Northeast corner of Rumford.....	L	
Church.....	South side, east of Bradley.....	L	3
	North side, opposite Lyndon.....	H	
Franklin.....	Northeast corner of Rumford.....	H	6
	Northwest corner of Jackson.....	H	
	Northeast corner of Lyndon.....	H	
	Southwest corner of Rumford.....	H	
	South side, opposite No. 64.....	H	
	North side, between High and Auburn.....	H	
Chestnut.....	Northeast corner of Auburn.....	H	1
Tremont.....	Northwest corner of High.....	H	2
	North side, east of Harrod.....	L	
Pearl.....	Southwest corner of Jackson.....	H	1
	North side, at No. 14.....	L	
Beacon.....	North side, opp. Merrimack Apartments	H	5
	Northwest corner of Jackson.....	H	
	Southwest corner of Lyndon.....	H	
	North side, opposite White.....	H	
	South side, opposite Charles.....	H	
Rowell.....	Northeast corner of White.....	H	1
Blanchard.....	Northwest corner of Essex.....	H	1
Ferry.....	North side, opposite Ford's foundry.....	H	4
	North side, near N. E. Granite Works.....	H	
	North side, east of C. & M. R. R.....	L	
	Northwest corner of Huntoon Avenue.....	H	
Washington....	North side, opposite Rollins.....	L	7
	North side, opposite Alert Hose House.....	L	
	Southwest corner of Union.....	L	
	Northeast corner of Lyndon.....	H	
	Northwest corner of Rumford.....	H	
	Northwest corner of North Essex.....	H	
Chapel.....	North side, opposite Perry Avenue.....	H	1
	South side, near Methodist Church.....	L	

HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Service.	Number.
Montgomery...	South side, opposite No. 18.....	L	1
Centre.....	Northeast corner of North State.....	H	
	Southwest corner of Green.....	L	
	Northwest corner of Union.....	H	
	Northwest corner of North Spring.....	L	
	South side, opposite Essex.....	H	
	Southwest corner of Summit Avenue.....	H	
	South side, on east line of Dewey School lot	H	
	Northeast corner of Ridge Road.....	H	8
Bridge.....	North side, at Carpenter's shop.....	L	
	South side, near easterly barn.....	L	
	North side, opposite Concord Coal Co.'s....	H	
	North side, opp. Concord Shoe Factory.	H	4
Park.....	North side, at St. Paul's Church.....	L	1
Capitol.....	North side, at south gate of State House yard	H	
	Northeast corner of North State.....	H	2
Garden.....	Northeast corner of Huntington.....	H	1
School.....	South side, west of Durgin.....	H	
	Northwest corner of North State.....	H	
	Northeast corner of Green.....	H	
	Northwest corner of Green.....	L	
	Northwest corner of North Spring.....	L	
	Northwest corner of Rumford.....	H	
	Northwest corner of Merrimack.....	H	
	Northwest corner of Pine.....	H	
	Northeast corner of Liberty.....	H	
	North side, at No. 106.....	H	
	Southeast corner of Giles.....	H	11
Warren.....	Southeast corner of Odd Fellows Avenue....	H	
	Southeast corner of Fremont.....	L	
	Northwest corner of North Spring.....	L	
	Northwest corner of Rumford.....	H	
	Southwest corner of Merrimack.....	H	
	Northwest corner of Tahanto.....	H	
	Northeast corner of Liberty.....	H	
	Northeast corner of Giles.....	H	
	Junction of Pleasant, near Fruit.....	H	9
Depot.....	South side, at north end of train shed.....	H	
	Northwest corner of Railroad Square.....	L	2
Blake.....	South side, opposite Nos. 8-10.....	L	1
Orchard.....	South side, opposite No. 8.....	H	1
Pleasant.....	Southwest corner of Railroad Square.....	H	
	Northwest corner of Railroad Square.....	L	
	South side, at South Congregational Church.	L	
	Southeast corner of South.....	L	
	Northeast corner of Fremont.....	L	

HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Service.	Number.	
Pleasant.....	Southwest corner of Spring.....	H	13	
	South side, opposite Rumford.....	H		
	South side, opposite Merrimack.....	H		
	South side, opposite Pine.....	H		
	South side, opposite Liberty.....	H		
	North side, near city stable.....	H		
	South side, near Gale.....	H		
Kent.....	South side, opposite No. 220.....	H		
	North side, at Stevens Ave.....	H		
Pleasant.....	South side, near Mrs. Eddy's cottage.....	H		11
	South side, at Lavery's.....	H		
	South side, opposite No. 270.....	H		
	North side, near E. B. Chesley's.....	H		
	North side, opposite No. 291.....	H		
	North side, near J. McC. Hammond's.....	H		
	South side, opposite Fiske Road.....	H		
	Southwest corner of School Avenue.....	H		
	North side, at chapel.....	H		
	South side, opposite Lower School.....	H		
	South side, near new Upper School.....	H		
Fiske Road....	East side, at Trask's.....	H	1	
Hopkinton Rd..	South side, near new infirmary.....	H	1	
Mill Road,				
St. P. School...	East side, near laboratory.....	H	3	
	North side, at Orphans' Home.....	H		
	South side, at tenement No. 7.....	H		
Old Hopkinton				
Road.....	Junction of Hopkinton road.....	H	1	
Wall.....	Northeast corner of Elm.....	L	1	
Marshall.....	North side, opposite Fuller.....	L	1	
Freight.....	No. side, at southwest corner pass. station..	H	1	
Hill's Avenue..	Southwest corner of Railroad Square.....	L	2	
	Northeast corner of South Main.....	L		
Fayette.....	Northwest corner of Elm.....	L	1	
Thompson.....	North side, opposite Jefferson.....	L	1	
Chandler.....	South side, opposite Railroad.....	L	1	
Concord.....	Southwest corner of South State.....	L	3	
	Northwest corner of Jefferson.....	L		
	Northeast corner of South.....	L		
Monroe.....	North side, opposite Grove.....	L	2	
	South side, at Rumford School.....	L		
Thorndike.....	North side, between So. Main and So. State	L	5	
	Southwest corner of South State.....	L		
	Northeast corner of Grove.....	L		
	North side, opposite Pierce.....	L		
	Northeast corner of South Spring.....	L		

HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Service.	Number.
Laurel.....	Northwest corner of Grove.....	L	2
	Northwest corner of Pierce.....	L	
Perley.....	Southwest corner of South State.....	L	4
	Northwest corner of Grove.....	L	
	Northeast corner of Pierce.....	L	
	South side, at No. 75.....	L	
Downing.....	South side, opposite Grove.....	L	3
	Southeast corner of Mills.....	L	
	Southwest corner of Redwood Avenue.....	L	
Clinton.....	North side, opposite Harvard.....	L	5
	North side, opposite Avon.....	L	
	Northeast corner of Fruit.....	L	
	North side, near No. 108.....	L	
	North side, at State Fair grounds.....	L	
West.....	North side, near South Main.....	L	5
	North side, near Badger.....	L	
	Northeast corner of Mills.....	L	
	North side, opposite Dakin.....	L	
	Northwest corner of Broadway.....	L	
Avon.....	Northwest corner of South.....	L	1
Noyes.....	Northwest corner of Harvard.....	L	2
	Northwest corner of Yale.....	L	
Harrison.....	Northwest corner of Morton.....	L	1
Humphrey.....	North side, near Kimball.....	L	1
Allison.....	Northeast corner of Badger.....	L	1
Pillsbury.....	North side, opposite Foster Ward.....	L	3
	Northeast corner of Broadway.....	L	
	Northwest corner of Kimball.....	L	
Carter.....	Northeast corner of Eastman.....	L	1
Stone.....	North side, 300 feet from Bow.....	L	1
Holly.....	North side, west of South Main.....	L	2
	Southeast corner of Dunklee.....	L	
McKinley.....	North side, at Dunklee St. proposed exten'n.	L	1
Broad Ave....	L	1
Rockingham....	Northeast corner of Broadway.....	L	2
	North side, at Donovan.....	L	
Iron Works Rd.	South side, at Brown's.....	L	1
Prospect.....	Northwest corner of Granite Avenue.....	L	2
	East side, north of Granite Avenue.....	L	
Curtice Ave...	North side, 230 feet east of North State....	L	1
North State...	West side, at Water-Works storehouse.....	L	L
	Northeast corner of Foster.....	L	
	East side, at Tahanto School.....	L	
	Northeast corner of Curtice Avenue.....	L	
	East side, near north entrance Blossom Hill Cemetery.....	H	
	West side, near Calvary Cemetery.....	L	

HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Service.	Number.		
North State..	East side, near No. 226.....	H	13		
	East side, near No. 252.....	H			
	East side, near No. 262.....	L			
	East side, near No. 272.....	H			
	West side, at south line of prison wall.....	L			
	West side, at north line of prison wall.....	L			
	East side, near No. 296.....	L			
	Palm.....	North side, west of Fairbanks.....		H	1
		North State... Northwest corner of Palm.....		H	
	North State...	West side, near Concord Woodworking Co...		L	9
		East side, near No. 312.....		L	
		East side, near No. 324.....		H	
		East side, near No. 330.....		L	
East side, opposite Dolan.....		L			
East side, opposite No. 362.....		H			
West side, opposite No. 382.....		L			
East side, at No. 382.....		H			
WEST CONCORD.					
North State...	Southeast corner of K.....	H	10		
	Northeast corner of Peabody.....	L			
	East side, at No. 426.....	H			
	East side, near engine house.....	H			
	East side, at No. 464.....	H			
	West side, near Crescent Mfg. Co.....	H			
	East side, at No. 498.....	H			
	East side, at No. 516.....	H			
	East side, opposite No. 533.....	H			
	East side, near Sewall's Falls Road.....	H			
Fisher.....	Southwest corner of Engel.....	L	1		
View.....	Northeast corner of K.....	L	1		
Electric.....	Northeast corner of North State.....	L	2		
	North side, near power station.....	L			
Clarke.....	Northeast corner of Fisher.....	L	2		
	North side, at east end.....	L			
Lake.....	East side, near S. W. Kellom's.....	L	5		
	West side, at No. 13.....	H			
	West side, near Wilson's.....	H			
	East side, at No. 33.....	L			
Knight.....	South side, near Quaker.....	H	2		
	South side, opposite railroad station.....	H			
Hutchins.....	South side, at Quaker.....	L	3		
	North side, near No. 22.....	H			
	North side, near C. & C. Railroad.....	H			
	North side, at No. 40.....	H			

HYDRANTS.—*Continued.*

STREETS.	LOCATIONS.	Service.	Number.
First.....	North side, near A. H. Knight's.....	H	1
Sewall's Falls Road.....	East side, at north line of cemetery.....	H	1
Penacook Rd...	West side, opposite Frost's.....	H	
	West side, opposite Blanchard's.....	H	
	West side, near Warner Road.....	H	3
PENACOOK.			
South Main....	West side, at Empey's.....	H	
	West side, at Heath's.....	H	
	West side, at Garvin's.....	H	
	West side, south of Willow Hollow.....	H	
	West side, north of Willow Hollow.....	H	
	West side, at south end of Woodlawn Cem'y	H	
	West side, at north end of Woodlawn Cem'y	H	
	West side, opposite Stark.....	H	
	West side, near Hoyt's garage.....	H	
	West side, near No. 88.....	H	
	Southwest corner of Union.....	H	
	Washington Square, opp. Exchange Block..	H	
	Northwest corner of Charles.....	H	
	North side, opposite East Canal.....	H	
	North side, near iron bridge.....	H	15
West Main....	West side, opposite cemetery.....	H	
	West side, at Pine.....	H	2
High.....	Northwest corner of Stark.....	H	
	East side, opposite Summit.....	H	
	Northwest corner of Maple.....	H	
	Northwest corner of Spring.....	H	4
Washington....	South side, near South Main.....	H	
	Southeast corner of Union.....	H	
	South side, at No. 41.....	H	
	South side, opposite Charles.....	H	
	South side, near Contoocook bridge.....	H	
	North side, at Rolfe's sawmill.....	H	6
Fowler.....	West side, at Charles Holmes'.....	H	
	East side, near Elliott's.....	H	2
Electric Ave...	South side, junction of Washington.....	H	1
Elliott.....	Northeast corner of Electric Avenue.....	H	1
Charles.....	Southwest corner of Warren.....	H	
	South side, at schoolhouse.....	H	
	North side, near No. 36.....	H	3
West Canal....	Southeast corner of Warren.....	H	1

HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Service.	Number.
East Canal....	North side, near N. H. Spinning Mills ..	H	
	North side, near Crescent.....	H	2
Crescent.....	West side, north of Canal.....	H	1
Walnut.....	North side, at Bye.....	H	1
Merrimack.....	South side, opposite Merrimack Avenue.....	H	
	North side, opposite Nos. 36-38-40.....	H	
	North side, opposite Cross.....	H	
	South side, opposite Bye.....	H	
	South side, opposite Rolfe's shop.....	H	
	South side, opposite Symonds' factory.....	H	
	North side, near road to Island.....	H	
	Northwest corner of Penacook.....	H	8
Summer.....	North side, opposite High.....	H	
	Northeast corner of Centre.....	H	
	North side, opposite Church.....	H	3
Spring.....	Northeast corner of Church.....	H	1
Maple.....	Northeast corner of Pleasant.....	H	1
Summit.....	Southeast corner of Pleasant.....	H	1
Winter.....	North side, near Pleasant.....	H	1
Centre.....	Northwest corner of Spring.....	H	
	West side, opposite No. 47.....	H	2
Cross.....	Northwest corner of Spring.....	H	
	Southwest corner of Summer.....	H	2
Rolfe.....	North side, near angle of street.....	H	
	South side, at No. 38.....	H	
	Northwest corner of Penacook.....	H	3
Penacook.....	West side, opposite A. W. Rolfe's.....	H	
	West side, at No. 35.....	H	
	East side, at No. 41.....	H	3
	Whole number public hydrants.....		475
PRIVATE HYDRANTS.			
	Abbot & Downing Co.....	H	6
	Boston & Maine Railroad, upper yard...	L	3
	Boston & Maine Railroad, shops.....	H	17
	Boston & Maine Railroad, new round house	H	6
	Boston & Maine Railroad, power house, West Concord	H	1
	Standish Worsted Co.....	H	3
	Concord Gas Co.....	L	1
	Concord Shoe Factory.....	H	1

HYDRANTS.—*Concluded.*

STREETS.	LOCATIONS.	Service.	Number.
	Concord Worsted Mills.....	H	2
	Wm. B. Durgin Co.....	H	1
	Crawford Manufacturing Co....	L	1
	Rumford Printing Co.....	H	1
	N. E. Box Co.....	H	3
	N. H. Spinning Mill.....	H	6
	N. H. State Hospital.....	H	16
	N. H. State Prison.....	H	4
	Page Belting Co.....	H	9
	Page Belting Co.....	L	1
	St. Paul's School.....	H	11
	John Swenson Granite Co.....	H	2
	Water-works pumping station.....	H	1
	Whole number private hydrants.....		96

SUMMARY OF STATISTICS.

FOR THE YEAR ENDING DECEMBER 31, 1923.

CONCORD WATER WORKS.

CITY OF CONCORD, COUNTY OF MERRIMACK, STATE OF NEW
HAMPSHIRE.

GENERAL STATISTICS.

Population by census of 1920—22,167.

Date of construction—1872.

By whom owned—City of Concord.

Source of supply—Penacook Lake.

Mode of supply—Gravity, also pumping to reservoir for
high service and fire protection.

PUMPING.

Builders of pumping machinery—Worthington Pump and
Machinery Corporation.

1 triple expansion horizontal engine, capacity, 2,000,000
gallons per 24 hours, 1893.

1 triple expansion horizontal engine, capacity, 2,000,000
gallons per 24 hours, 1904.

1 Worthington 8", type "BS", slow speed, horizontal
split casing, volute, centrifugal pump, capacity
3,500,000 gallons per 24 hours, 1919.

Motor, G. E., 100 H. P., A. C.

ELECTRIC PUMP.

1. Description of power :
 - a. Alternating, 3 phase, 60 cycles, 2,200 volts, 1,800 R. P. M.
 - b. Price per K. W. H., \$0.01 1/3, 8 p. m. to 6 a. m.; maximum, \$1,800 per year, 300,000,000 gallons; \$6.00 per 1,000,000 gallons, over 300,000,000.
2. K. W. H. used for year, 160,720.
3. Total pumpage, by Venturi meter, 317,745,000 gallons.
4. Average static head against which pump works, 90 feet.
5. Average dynamic head against which pump works, 120 feet.
6. Gallons pumped per K. W. H., 1,977.
7. K. W. H. used per 1,000,000 gallons pumped, 505.8.
8. Efficiency of pump,

$$\frac{317,745,000 \text{ (gallons pumped)} \times 8.34 \text{ (lbs.)} \times 120 \text{ (dynamic head)}}{160,720 \text{ (K. W. H.)} \times 33,000 \times 60 \times 1.34 \times 88.2 \text{ (efficiency motor and switch board.)}} = 84.5 \%$$
9. Total pumping for year, steam and electric pumps, 319,217,000 gallons.
10. Cost of total pumping figured on pumping station expenses—\$4,024.80.
11. Per million gallons pumped—\$12.607.
12. Per million gallons raised one foot (dynamic)—\$0.105.

DISTRIBUTION.**MAINS.**

1. Kind of pipe—cast iron and cement-lined.
2. Sizes—from two-inch to twenty-four-inch.
3. Extended—3,659 feet during year.
4. Relaid—feet during year.
5. Discontinued—118 feet during year.
6. Total now in use—73.15 miles.

7. Number of leaks per mile for year—
8. Length of pipes two inches and less diameter—3.51 miles.
9. Number of hydrants added during year—public, 4.
10. Number of hydrants now in use—public, 475; private, 96.
11. Number of stop gates added during year—7.
12. Number of stop gates now in use—1,082.
13. Number of stop gates smaller than four-inch—
14. Number of blow-off gates—81.
15. Range of pressure on mains at center of city—88 pounds high service and 48 pounds low service.

SERVICES.

16. Kind of pipe—cement-lined.
17. Sizes—three-fourths-inch to ten-inch.
18. Extended—2,362 feet.
19. Discontinued—381 feet.
20. Total now in use—95,731 feet.
21. Number of service taps added during year—77.
22. Number now in use—4,038.
23. Average length of service—23.68.
24. Average cost of service for the year—.
25. Number of meters added during year—76.
26. Number now in use—2,843.
27. Percentage of services metered—70.40.
28. Percentage of receipts from metered water—87.72.
29. Number of elevators added—none.
30. Number now in use—9.
31. Number of standpipes for street watering—44.

FINANCIAL.

RECEIPTS.		EXPENDITURES.	
Balance brought forward:		Water-Works Maintenance:	
(a) From ordinary (maintenance) receipts,	\$25,059.07	AA. Operation (management and repairs),	\$27,261.95
(b) From extraordinary receipts (bonds, etc.),	.....	BB. Special,	645.10
Total,	\$25,059.07	CC. Total maintenance,	\$27,907.05
From Water Rates.		DD. Interest on bonds,	12,322.50
A. Fixture rates,	\$9,486.78	(CC+DD, \$40,229.55)	
B. Meter rates,	75,547.10	EE. Payment of bonds,	21,000.00
C. Total from consumers,	85,033.88	FF. Investment of net income,	.....
D. For hydrants,	.....	Water-Works Construction:	
E. For fountains,	.....	GG. Extension of mains,	\$6,439.78
F. For street watering,	.....	HH. Extension of services,	3,264.40
G. For public buildings:		II. Extension of meters,	1,565.12
School,	\$483.00	JJ. Special,	.....
All others,	.....	KK. Total construction,	11,269.30
H. For miscellaneous uses,	.....	LL. Unclassified expenses,	2,495.11
I. General appropriation,	.....	MM. Balance:	
J. Total from municipal departments,	483.00	(aa) Ordinary,	\$39,869.83
K. From income investment account,	2,334.61	(bb) Extraordinary,	.....
L. From bond issue,	.....	Total balance,	39,869.83
M. From other sources,	1,953.23		
N. Total,	\$114,863.79		\$114,863.79

O. Net cost of works to date, \$1,144,227.67.
 P. Bonded debt at date, \$267,000.
 Q. Average rate of interest, 4.44 per cent.
 R. Value of investment of net income, \$25,000.00.

FIRE DEPARTMENT.

REPORT OF CHIEF ENGINEER.

To the Board of Aldermen:

In accordance with the requirements of the city ordinance, I herewith submit for your consideration the report of the Fire Department for the year 1923:

The department responded to 56 bell alarms and 327 still alarms.

In addition two fires entailing loss occurred for which no alarms were given, accounts of which will be found in the order of occurrence.

	Bell	Still	No Alarm	Total
Precinct,	31	255	2	288
Penacook,	12	60		72
East Concord,	7	3		10
West Concord,	6	9		15
	<hr/> 56	<hr/> 327	<hr/> 2	<hr/> 385

This report will be found to contain statements in detail embracing the amount of expenditures, a complete roll of the department with residence and occupation of each member, a record of all fires and alarms which have occurred during the year and the causes thereof as nearly as could be ascertained, with the names of the owners or occupants and the value, loss, insurance, and insurance recovered in each case.

While the loss entailed by fire was considerably less than that of the previous year, still it was heavy.

The apparatus is in good condition. The rear wheels of Combination Engine 2 were cut down and single tires substituted for the dual type. In addition the machine was overhauled, retouched and varnished.

All four wheels of Combination Engine 1 were cut down and solid tires displaced by pneumatics of larger type.

In August a new double bank Seagrave ladder truck was placed in commission and two horses turned over to the Highway Department.

A new Buick Chief's car was also placed in commission.

A building fifty feet by fifteen feet for storing the old ladder truck and one reserve hose wagon was erected by the permanent men, on the Central Station lot.

Four thousand feet of hose was purchased during the year.

I would respectfully recommend the purchase of one thousand feet during the coming year.

The fire alarm systems of the Precinct and Penacook are in good condition. In the precinct system the location of several boxes was changed and four siren horns were placed at convenient localities in the business section for the purpose of clearing the streets in case of fire.

One private box was also added to the system.

The Superintendent of Fire Alarm at Penacook recommends the addition of two boxes to that system.

During the month of October I attended the convention of the International Association of Fire Engineers held at Richmond, Va., a report of which I rendered at that time. I wish again to thank your honorable body for the privilege afforded me to learn.

Respectfully submitted,

W. C. GREEN.

Chief Engineer.

APPROPRIATION AND DISBURSEMENTS.

Appropriation,	\$59,729.00
Resolution, outstanding claims,	1,582.52
	<hr/>
	\$61,311.52

DISBURSEMENTS.

Permanent men,	\$27,900.00
Vacations,	973.06
Call men,	10,245.00
House man,	100.00
Rent, Veterans' Association,	210.00
Forage,	630.89
Fuel,	2,770.63
Lights,	828.34
Incidentals,	7,083.91
Horse shoeing,	78.75
Horse hire,	1,679.36
New equipment,	685.55
Fire alarm,	1,971.91
Penacook fire alarm,	159.92
Supplies auto combinations,	288.92
Hose,	5,200.00
Laundry,	81.85
Fire inspections,	423.43
	<hr/>
	\$61,311.52

1923.

ALARMS.

PRECINCTS.

STILL. January 5, 6.17 a. m. Slight fire in the United Bank Building, 18 North Main Street, owned by W. K. and A. A. MacFarland and occupied by various parties. Fire originated in office of the Metropolitan Life In-

urance Co. Caused by spontaneous combustion in oily rags which had been used to treat floor and then placed in closet.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$42,000.00	\$12.85	\$25,000.00	\$12.85

STILL. January 6, 6.31 a.m. A call to investigate cause of smoke in residence of Joseph Doherty, 6 Perley Street. Combination 1 responded and found the trouble to lay in plugged smoke pipe. No loss.

STILL. January 7, 10.50 a.m. Chimney fire in residence of A. F. Bolton, 32 Maple Street. Extinguished by Combination 1. No loss.

STILL. January 7, 12.16 p. m. Chimney fire in residence of Mrs. H. B. Quint, 136 North Main Street. Extinguished by Combination 1. No loss.

STILL. January 8, 9.59 a. m. Chimney fire in residence of George Rockwell, 9 Lee Ave. Extinguished by Combination 1. No loss.

Box 2-2-2. January 8, 11.30 a.m. School signal.

STILL. January 10, 5.03 p. m. Chimney fire in residence of Ola Anderson, 256 North State Street. Extinguished by Combination 1. No loss.

STILL. January 13, 7.51 p. m. Chimney fire in residence of Mrs. A. E. Rowe, 85 South Street. Extinguished by Combination 1. No loss.

STILL. January 15, 2.31 a.m. Fire in building, 22 Bridge Street, owned and occupied by the New England Cable Co. Caused by spontaneous combustion in oily rags which painters had left in closet. Combination 1 responded but found that the fire had been practically extinguished by the automatic sprinklers. Loss trifling—no claim filed.

STILL. January 16, 2.31 P. M. Chimney fire in residence of A. L. Maher, 106 South State Street. Extinguished by Combination 1. No loss.

STILL. January 16, 9.49 p. m. Slight fire in moving picture booth at the Auditorium. Combination 1 responded but no assistance was required. Extinguished by operator. Loss trifling.

STILL. January 17, 2.05 p. m. A call to investigate cause of smoke at 55 North Main Street. Detail sent from Central Station located smouldering broom in basement. No loss.

STILL. January 17, 5.55 p. m. Chimney fire in residence of Mrs. E. F. Hastings, 155 South State Street. Extinguished by Combination 1. No loss.

STILL. January 18, 7.21 a. m. Fire in barn attached to residence 25 Fayette Street, owned by Arthur LaPlante and occupied by owner and Wilson & Co. Cause unknown. Combination 1 responded but before arrival a bell alarm was sent in. See next alarm.

Box 412. January 18, 7.22 a. m. Box pulled for preceding fire. 1800 feet hose wet. Recall 9.14 a. m.

	Value.	Loss.	Ins.	Ins. Paid.
Buildings,	\$3,000.00	\$525.00	\$2,000.00	\$525.00
Contents:				
A. LaPlante,	12.00	9.00	None	None
Wilson & Co.,	800.00	143.91	143.91	*143.91

*Floater policy.

STILL. January 20, 6.29 p. m. Chimney fire in residence of J. L. Cossett, 77 Center Street. Extinguished by Combination 1. No loss.

STILL. January 23, 9.57 a. m. Chimney fire in residence of Warren Foote, South Pembroke Street, Plains District. Extinguished by Combination 1. No loss.

Box 12. January 24, 6.56 a. m. Slight fire in residence 4 Foster Street. Owned by Krepor Sumpadian. Caused by overheated chimney. Extinguished with chemicals. Recall 7.29 a. m.

	Value.	Loss.	Ins.	Ins. Paid.
Buildings,	\$2,300.00	\$20.05	\$1,900.00	\$20.05

STILL. January 24, 9.30 a. m. A call to investigate cause of smoke in residence of Martha Noyes, 26 Union Street. Detail from Alert Company responded. No assistance required. No fire.

No ALARM. January 24, 2.30 p. m. Slight fire in residence, 49 Church Street, owned by and occupied by J. B. Larkin. Caused by short circuit of electric wires in electric heater. Extinguished by permanent man F. P. McKenna who happened to be passing building on day off.

	Value.	Loss.	Ins.	Ins. Paid.
Buildings,	\$8,000.00	\$100.00	\$6,500.00	\$100.00
Contents,	2,500.00	250.00	2,500.00	250.00

STILL. January 24, 5.28 p. m. Chimney fire in residence of J. J. Welch, 22 Church Street. Extinguished by Combination 1. No loss.

STILL. January 25, 9.14 p. m. Chimney fire in residence of Andrew Saltmarsh, 60 Beacon Street. Extinguished by Combination 1. No loss.

STILL. January 27, 8.09 p. m. Chimney fire in residence of E. K. Woodworth, 117 School Street. Extinguished by Combination 1. No loss.

STILL. January 28, 7.45 p. m. Chimney fire in residence of E. A. Belliveau, 46 Laurel Street. Extinguished by Combination 1. No loss.

STILL. January 30, 3.50 a.m. A call from Penacook for assistance. Combination 1 sent. See Penacook report.

STILL. January 30, 8.59 a. m. Chimney fire in residence of C. L. Pool, 67 North State Street. Extinguished by Combination 1. No loss.

STILL. January 30, 9.06 a. m. Chimney fire in residence of E. F. Sullivan, 81 North State Street. Extinguished by Combination 1. No loss.

STILL. January 31, 8.32 a. m. Chimney fire in residence of D. D. Pillsbury, 14 Thompson Street. Extinguished by Combination 1. No loss.

Box 413. January 31, 11.10 p. m. Fire in the office building of the G. N. Bartemus Co. plant, R. R. Square. Cause incendiary. 1800 feet hose wet. Recall 12.52 a. m., February 1st.

	Value.	Loss.	Ins.	Ins. Paid.
Buildings,	\$5,000.00	\$3,300.00	\$3,000.00	\$3,000.00
Contents,	1,500.00	600.00	500.00	500.00

Box 11-11. February 2, 4.26 a. m. A call for assistance from Lebanon. Steamer and hose wagon were loaded on flat car, when word was received that fire was under control.

STILL. February 6, 9.11 a. m. Chimney fire at State Garage rear of Eagle Hotel. Extinguished by Combination 1. No loss.

STILL. February 8, 7.09 p. m. Chimney fire in residence of Henry Hodgman, 196 North State Street. Extinguished by Combination 1. No loss.

STILL. February 9, 8.52 p. m. A call to examine hot chimney in K. of P. Hall, 27 North Main Street. Detail sent from Central Fire Station. No fire.

STILL. February 10, 11.26 a. m. A call to investigate cause of smoke in residence of Dr. Dodge, 14 North State Street. Detail from Central Station sent. No fire.

STILL. February 11, 6.50 a. m. Chimney fire in residence of Robert Clark, 5 Monroe Street. Extinguished by Combination 1. No loss.

Box 11-11. February 13, 5.56 a. m. A call for assistance from Franklin. Orphans' Home destroyed. Detail with apparatus proceeded as far as Penacook by train when word was received that the fire was under control.

STILL. February 14, 10.14 a. m. Slight fire in residence 41 Concord Street, owned by Niram Keyes and occupied by Leon Parker. Fire originated in pantry from some unknown cause. Extinguished by Combination 1.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$2,000.00	\$45.00	\$2,000.00	\$45.00

STILL. February 14, 1.10 p. m. Slight fire in stairway in residence of Dr. Sullivan, 7 North State Street. Detail from Central Station responded but no assistance was required. Loss confined to a few brooms. Extinguished by occupants. Caused probably by carelessness of workmen employed in the basement. Loss trifling.

STILL. February 14, 6.04 p. m. Chimney fire in residence of A. N. Geary, 10 Pierce Street. Extinguished by Combination 1. No loss.

Box 47. February 14, 8.26 p. m. Fire in building, 81 South Street owned by Mrs. Fred I. Blackwood and occupied by Mrs. A. Gifford as a grocery store. Cause unknown. 300 feet of hose wet. Recall 9.05 p. m.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$2,800.00	\$671.00	\$1,000.00	\$671.00
Contents,	4,000.00	3,384.00	3,000.00	2,200.00

STILL. February 15, 1.12 p. m. Chimney fire in residence of Emma Clay, 42 South Street. Extinguished by Combination 1. No loss.

STILL. February 15, 8.29 p. m. Chimney fire in residence 61 South Main Street, owned by Stanley Goodrich and occupied by E. O. Swain. Extinguished by Combination 1.

	Value.	Loss.	Ins.	Ins. Paid.
Buildings,	\$2,000.00	\$45.00	\$1,150.00	\$45.00

STILL. February 16, 6.33 a. m. Chimney fire in residence of William McKenzie, 18 Walker Street. Extinguished by Combination 1. No loss.

STILL. February 16, 9.31 a. m. Chimney fire in residence of E. P. Young, 47 Laurel Street. Extinguished by Combination 1. No loss.

STILL. February 16, 1.42 p. m. Chimney fire in residence of George Cilley, Iron Works Road. On account of condition of the roads the run was made with sleigh. Extinguished by Combination 1. No loss.

STILL. February 18, 1.03 p. m. Chimney fire in residence of Mary A. Philips, 148 Rumford Street. Extinguished by Combination 1. No loss.

STILL. February 19, 8.31 a. m. Chimney fire in residence of James Daly, 11 Whittredge Avenue. Extinguished by Combination 1. No loss.

STILL. February 20, 8.49 a. m. Chimney fire in the HARRS Larsen carpenter shop, Hall's Court. Extinguished by Combination 1. No loss.

STILL. February 21, 6.50 a. m. Chimney fire in residence of H. M. Sanders, 34 Franklin Street. Extinguished by Combination 1. No loss.

STILL. February 23, 10.36 a. m. Chimney fire in residence of W. S. Anderson, 8 Maple Street. Extinguished by Combination 1. No loss.

STILL. February 23, 6.24 p. m. Chimney fire in residence of R. F. Walker, 5 Pearl Street. Extinguished by Combination 1. No loss.

STILL. February 23, 7.17 p. m. Chimney fire in residence of M. J. Sullivan, 46 Concord Street. Extinguished by Combination 1. No loss.

STILL. February 25, 8.05 a. m. Chimney fire in residence of Joseph Begin, 9 Holly Street. Extinguished by Combination 1. No loss.

STILL. February 25, 8.07 p.m. Slight fire in residence 43 Penacook Street, owned and occupied by Edgar Pelky. Caused by explosion of kerosene lamp. Combination 1 responded but no assistance was required. Extinguished by occupants.

	Value.	Loss.	Ins.	Ins. Paid.
Contents,	\$1,000.00	\$150.00	\$1,000.00	\$150.00

Box 24. February 28, 8.07 p. m. Fire in blacksmith shop in rear of the Commercial House, Center Street, owned by Otto J. Carlen and occupied by A. F. Gross. Cause unknown. 1550 feet hose wet. Recall 9.11 p. m.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$1,000.00	\$300.00	None	None
Contents,	600.00	300.00	None	None

February 28, 9.22 p. m. A call to the scene of preceding fire. Steam mistaken for smoke. Combination 1 responded but no assistance was required. No fire.

STILL. March 1, 1.30 p. m. Fire in residence 115 Rumford Street, owned by Mrs. Gladys Hoit and occupied by Charles C. Sargent, Fred R. Walker, and Henry F. Robinson. Cause unknown. Combination 1 responded but on arrival sent in a bell alarm. See next alarm.

Box 13. March 1, 1.34 p. m. Box pulled for preceding fire. 1600 feet of hose wet. Recall 3.14 p. m.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$3,700.00	\$2,000.00	\$2,000.00	\$2,000.00
Contents:				
H. F. Robinson,	1,000.00	325.00	600.00	325.00
C. C. Sargent,	1,000.00	300.00	200.00	300.00

No ALARM. March 1, 1.40 p. m. Fire in residence 35 South Main Street, owned by Lewis Crowell. Caused by hot ashes in wooden box. Extinguished by occupants.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$8,000.00	\$75.00	\$6,000.00	\$75.00

STILL. March 3, 3 p. m. A call to investigate cause of smoke in residence of S. A. Johnson, 4 Myrtle Street. Combination 1 responded but no assistance was required. Back draft. No loss.

Box 25. March 3, 10.34 p. m. Fire in basement of Hill Block, 58 North Main Street, owned by the Eagle & Phenix Hotel Co., and occupied by Capital Hardware Co., Harry G. Emmons, Cudworth & Parlow, millinery, Mrs. Mabel Hutchinson, specialty shop, Brotherhood of Locomotive Engineers, law offices, club rooms, etc. Before this fire had been extinguished it had worked its way into the adjoining block owned and occupied by Harry G. Emmons, dry goods store on first, second floor and basement. Upper floor occupied as tenements, club rooms, etc. Cash Outlet clothing on south side of scene of fire suffered loss by smoke. Merrimack County Farmers' Exchange, Inc., in rear of building afire suffered loss by flow of water across driveway into basement, wetting a large quantity of grain. Cause of fire unknown. Ten high-service hydrant streams used. 2200 feet of hose wet. Recall 2.39 a. m., 4th inst. Detail left to watch.

	Value.	Loss.	Ins.	Ins. Paid.
Buildings :				
E. & P. Hotel Co.,	\$40,000.00	\$12,107.62	\$22,000.00	\$12,107.62
H. G. Emmons,	50,000.00	6,383.27	50,000.00	6,383.27
Contents :				
Cap. Hdw. Co.,	18,154.54	13,404.54	20,500.00	13,404.54
H. G. Emmons,	106,504.00	57,621.16	100,000.00	57,621.16
Cudworth & Parlow,	4,000.00	1,500.00	1,000.00	925.00
Mabel Hutchinson,	6,000.00	3,000.00	5,000.00	2,424.06
Cash Outlet Co.,	19,000.00	1,710.00	10,000.00	1,710.00
Merrimack Farmers' Exchange,	28,446.84	1,433.08	22,000.00	1,300.00

STILL. March 4, 5.25 p. m. Chimney fire in residence of Miss Mary Pierce, 19 North State Street. Extinguished by detail from Central Station. No loss.

STILL. March 5, 5.47 a. m. Chimney fire in Board of Trade Block, 83 North Main Street. Extinguished by Combination 1. No loss.

STILL. March 6, 11.39 a. m. Chimney fire in State Garage rear of Eagle Hotel. Extinguished by Combination 1. No loss.

STILL. March 6, 11.47 a. m. Chimney fire in residence of Edgar Wells, 13 Fayette Street. Extinguished by Combination 2. No loss.

STILL. March 6, 2.10 p. m. A call to investigate cause of smoke at 140 North Main Street. Combination 1 responded but no assistance was required. No fire.

STILL. March 8, 5.55 a. m. Chimney fire in Board of Trade Block, 83 North Main Street. Extinguished by Combination 1. No loss.

STILL. March 9, 3.49 a. m. A call to investigate cause of smoke in Board of Trade Block, 83 North Main Street. Combination 1 responded. Dampers of boiler closed. Smoke escaping.