

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FOR NPS USE ONLY
RECEIVED JUN 30 1978
DATE ENTERED NOV 20 1978

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY -- NOMINATION FORM

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

1 NAME

HISTORIC High Service Water Tower and Reservoir

AND/OR COMMON same

2 LOCATION

STREET & NUMBER *off MA 110*
just north of Yale Street

CITY, TOWN Lawrence VICINITY OF
STATE Massachusetts CODE 025 COUNTY Essex CODE 009 ✓
CONGRESSIONAL DISTRICT 5th

3 CLASSIFICATION

CATEGORY	OWNERSHIP	STATUS	PRESENT USE
<input type="checkbox"/> DISTRICT	<input checked="" type="checkbox"/> PUBLIC	<input checked="" type="checkbox"/> OCCUPIED	<input type="checkbox"/> AGRICULTURE <input type="checkbox"/> MUSEUM
<input type="checkbox"/> BUILDING(S)	<input type="checkbox"/> PRIVATE	<input type="checkbox"/> UNOCCUPIED	<input type="checkbox"/> COMMERCIAL <input type="checkbox"/> PARK
<input checked="" type="checkbox"/> STRUCTURE	<input type="checkbox"/> BOTH	<input type="checkbox"/> WORK IN PROGRESS	<input type="checkbox"/> EDUCATIONAL <input type="checkbox"/> PRIVATE RESIDENCE
<input type="checkbox"/> SITE	PUBLIC ACQUISITION	ACCESSIBLE	<input type="checkbox"/> ENTERTAINMENT <input type="checkbox"/> RELIGIOUS
<input type="checkbox"/> OBJECT	<input type="checkbox"/> IN PROCESS	<input checked="" type="checkbox"/> YES: RESTRICTED	<input type="checkbox"/> GOVERNMENT <input type="checkbox"/> SCIENTIFIC
	<input type="checkbox"/> BEING CONSIDERED	<input type="checkbox"/> YES: UNRESTRICTED	<input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> TRANSPORTATION
		<input type="checkbox"/> NO	<input type="checkbox"/> MILITARY <input type="checkbox"/> OTHER:

4 OWNER OF PROPERTY

NAME City of Lawrence, Lawrence P. Lefebvre, Mayor ✓

STREET & NUMBER City Hall, 200 Common Street

CITY, TOWN Lawrence VICINITY OF STATE Massachusetts 01840

5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC. Essex County North Registry of Deeds

STREET & NUMBER 381 Common Street

CITY, TOWN Lawrence STATE Massachusetts

6 REPRESENTATION IN EXISTING SURVEYS

TITLE Historic American Engineering Record
Inventory of Historic Assets of the Commonwealth

DATE 1976, 1977 FEDERAL STATE COUNTY LOCAL

DEPOSITORY FOR SURVEY RECORDS Library of Congress
Massachusetts Historical Commission

CITY, TOWN Washington, D.C., Boston, Massachusetts STATE

7 DESCRIPTION

CONDITION		CHECK ONE	CHECK ONE
<input checked="" type="checkbox"/> EXCELLENT	<input type="checkbox"/> DETERIORATED	<input type="checkbox"/> UNALTERED	<input checked="" type="checkbox"/> ORIGINAL SITE
<input type="checkbox"/> GOOD	<input type="checkbox"/> RUINS	<input checked="" type="checkbox"/> ALTERED	<input type="checkbox"/> MOVED DATE _____
<input type="checkbox"/> FAIR	<input type="checkbox"/> UNEXPOSED		

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

The Lawrence High Service Water Tower and Reservoir are located at the summit of Tower Hill in the western portion of the City of Lawrence. The Reservoir is slightly east and downhill of the tower. Both overlook the city center.

The grounds of the reservoir and tower are a meticulously maintained park. Together, the reservoir and surrounding park encompass approximately eighteen acres. West and north of the site is the city-owned Bellevue Cemetery. To the south is a late 19th century neighborhood of well maintained single and double family homes.

The Reservoir was constructed in 1874-75. The rectangular basin is surrounded by a simple iron spike fence. On the southern bank is a one story hip roofed, granite based, brick pumping house. This simple Italianate structure is three bays wide and two bays deep. The corners are quoined and the round arched six-over-six fenestration is capped by a projecting brick archivolt.

The High Service Tower was constructed in 1896. It consists of a large steel inner tank 102 feet high and thirty feet in diameter. At 100 feet is an eight-inch overflow pipe that carries overflow back into the reservoir. The capacity of the tank is 528,768 gallons. This standpipe is enclosed by a Richardsonian Romanesque styled 157 foot high tower. This octagonally shaped structure is divided horizontally into three sections: a thirty-foot high random ashlar granite base, a central brick shaft with granite trimmed fenestration, and belfry/observation area just under the flaring pyramidal roof. This section is divided from the shaft by granite brackets supporting the stone coursing that steps into the arched openings of each elevation. The openings are paired romanque arches divided by colonettes. Attached to the tower is a circular turret capped by a flaring conical roof that encloses a spiral staircase. The main entrance to the tower is a grand round arched entry located at the juncture of the tower and turret.

In 1977 the Tower underwent major maintenance repairs, including repainting and replacement of masonry as well as repainting the brick. A new entrance door, identical to the original, was also added.

8 SIGNIFICANCE

PERIOD	AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW			
<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input checked="" type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE
<input type="checkbox"/> 1600-1699	<input checked="" type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input checked="" type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER
<input checked="" type="checkbox"/> 1800-1899	<input type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input type="checkbox"/> TRANSPORTATION
<input type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input type="checkbox"/> OTHER (SPECIFY)
		<input type="checkbox"/> INVENTION		

SPECIFIC DATES Tower:1896; Reservoir:1874 BUILDER/ARCHITECT George G. Adams: Architect
Albert F. Noyes: Consulting Engineer

STATEMENT OF SIGNIFICANCE

The Lawrence High Service Water Tower and Reservoir is significant for its architecture and as an early example of comprehensive municipal planning.

With the completion of the Lawrence Tower in 1896, certain areas of the city previously not served by the public water system were able to benefit from it. The origins of a public water supply in Lawrence date back to 1874-75 when the reservoir directly to the east and downhill of the tower was constructed. Water for the reservoir was originally pumped there directly from the Merrimack River. In 1893, a filtration system was installed by the banks of the river to purify the water before it reached the reservoir. This system was highly innovative at the time as being the first municipal filtration system for the elimination of bacteria established in this country. Since then the original sand filter has been modernized and improved.

The original main extended from the Water Tower, down Haverhill Street to High Street. In 1906, new pipes were laid extending the high pressure water service to the business section, in downtown Lawrence, thereby providing better protection against fire.

Aside from its continued important function as a high service standpipe, the handsome and picturesque tower stands out as a fine example of 19th century romanticism. The tower has further distinction as being one of the earliest examples of a decorated standpipe in Massachusetts.

The tower was designed by George Adams, the leading Lawrence architect of the 19th century. The purposefully decorative nature of the tower and the surrounding parklands are evidence of the growing civic pride movement. The comprehensive water supply system and park demonstrate the growing awareness of the need for public amenities and delivery of basic services.

9 MAJOR BIBLIOGRAPHICAL REFERENCES

,1853-1903, Fifty Years a City, Lawrence: Hildreth & Rogers, 1903.
 Dorgan; Maurice, History of Lawrence, Massachusetts, Cambridge: Murray Printing Co., 1924.

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY 18 1/3 acres
 UTM REFERENCES

A	1,9	3,2,1	3,2,0	4,7	3,0	5,8,0	B	1,9	3,2,1	3,2,0	4,7	3,0	2,2,0
	ZONE	EASTING		NORTHING			ZONE	EASTING		NORTHING			
C	1,9	3,2,1	1,6,0	4,7	3,0	2,3,0	D	1,9	3,2,0	8,8,0	4,7	3,0	5,2,0

VERBAL BOUNDARY DESCRIPTION

Beginning at the point at the southeast corner of Bellevue Cemetery and Reservoir Street and proceeding southerly along the western edge of Reservoir Street to the rear property line of #12 Reservoir Street, Then proceeding westerly along said line and along the rear property lines of #10 & # 17 Reservoir Terrace, and 341-343 Ames Street, then proceeding northerly along the rear property lines of Ames Street, and proceeding westerly along the rear property lines of Yale Street, then northerly and easterly along the common line with the Bellevue Cemetery and returning to the starting point.

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE	CODE	COUNTY	CODE
STATE	CODE	COUNTY	CODE

11 FORM PREPARED BY

NAME / TITLE	Christine Pfaff, Preservation Planner
Joseph R. Orfant, National Register Editor &	Lawrence Community Development Department
ORGANIZATION	DATE
Massachusetts Historical Commission	24 March 1978
STREET & NUMBER	TELEPHONE
294 Washington Street	617-727-8470
CITY OR TOWN	STATE
Boston	Massachusetts 02108

12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL STATE LOCAL

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

STATE HISTORIC PRESERVATION OFFICER SIGNATURE *Peter L. Westberg*
 TITLE Executive Director, Mass. Historical Commission DATE 6/21/78

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

DIRECTOR, OFFICE OF ARCHEOLOGY AND HISTORIC PRESERVATION DATE 11.20.78

ATTEST: *James M. Dore* KEEPER OF THE NATIONAL REGISTER DATE 11/17/78

KEEPER OF THE NATIONAL REGISTER

Property

HIGH SERVICE WATER TOWER AND RESERVOIR

State Mass.

Working Number 6.30.78.3526

TECHNICAL
Photos 4
Maps 1

CONTROL
pl
OK 7.6.78
HISTORIAN

LAWRENCE WATER TOWER/RESERVOIR important for ARCHITECTURAL DESIGN AND ARCHITECT AS WELL AS ASSOCIATION WITH LOCAL COMMUNITY'S CIVIC GROWTH. ROMANESQUE REGIONAL STYLE OF TOWER & ITALIANATE STRUCTURE AT BASIN WITH WELL KEPT RESERVOIR make complex a very good extent example of municipal water system. water system also showed early advances in sanitation and filtration.

ARCHITECTURAL HISTORIAN

Jann H. Gilmore
11/8/78
ACCEPT

ARCHEOLOGIST

OTHER

Regionally significant example of industrial design

accept

HAER

Inventory

Review 10/26/78

Don Jackson

REVIEW UNIT CHIEF

SIGNIFICANCE DESCRIBED ABOVE.

ACCEPT
Mac Dougal
11/17/78

BRANCH CHIEF

KEEPER

Accepted
11/20/78

National Register Write-up

2-6-79

Send-back

Re-submit

Entered

NOV 20 1978

INT:2106-74



#1 View of Reservoir and water Tower looking west

High Service Water Tower & Reservoir
Lawrence, MA.
William Finch
Lawrence Community Development Department
City Hall
Lawrence, MA. 01840
1977

NOV 20 1978

JUN 30 1978

Photo #1

Looking west across the Reservoir toward the
tower



#2 Lawrence Water Tower - west side

High Service Water Tower and Reservoir
Lawrence, MA.

William Finch

1977

Lawrence Community Development Department

City Hall

Lawrence, MA. 01840

NOV 20 1978

JUN 30 1978

Photo #2

Looking east towards the west elevation of
the tower



#3 Lawrence Water Tower - east side

High Service Water Tower & Reservoir
Lawrence, MA.
1977

NOV 20 1978

William Finch
Lawrence Community Development Department
City Hall
Lawrence, MA. 01840

JUN 30 1978

Photo #3
Looking west towards the east elevation of
the tower.



#4 Looking Northwest
View of Reservoir Pump House, Reservoir and Water Tower

High Service Water Tower and Reservoir

Lawrence, MA.

1977

NOV 20 1978

William Finch

Lawrence Community Development Department

City Hall

Lawrence, MA. 01840

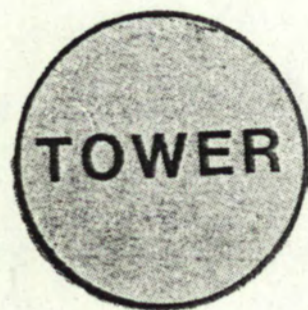
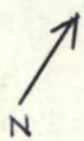
JUN 30 1978

Photo #4

Looking northwest towards the Reservoir Pump

House, Reservoir, and Water Tower

CEM.

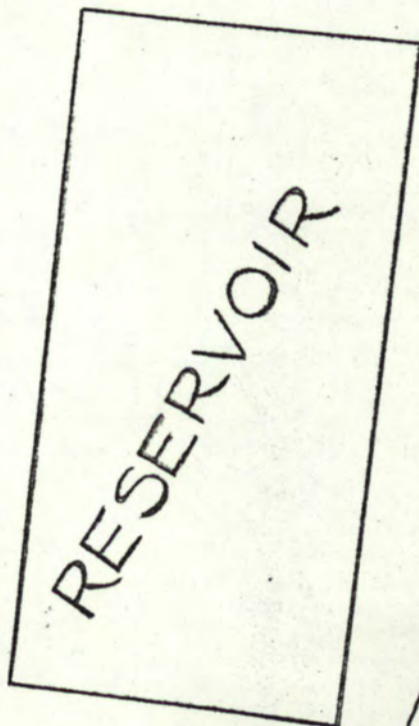


YALE ST.

DARTMOUTH ST.

HILLSIDE AVE.

AMES ST.



RESERVOIR TERRACE

RESERVOIR DRIVE

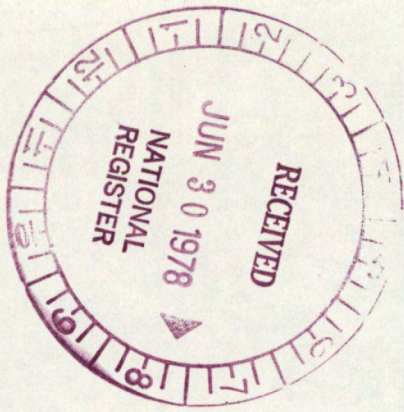
ST.

RESERVOIR

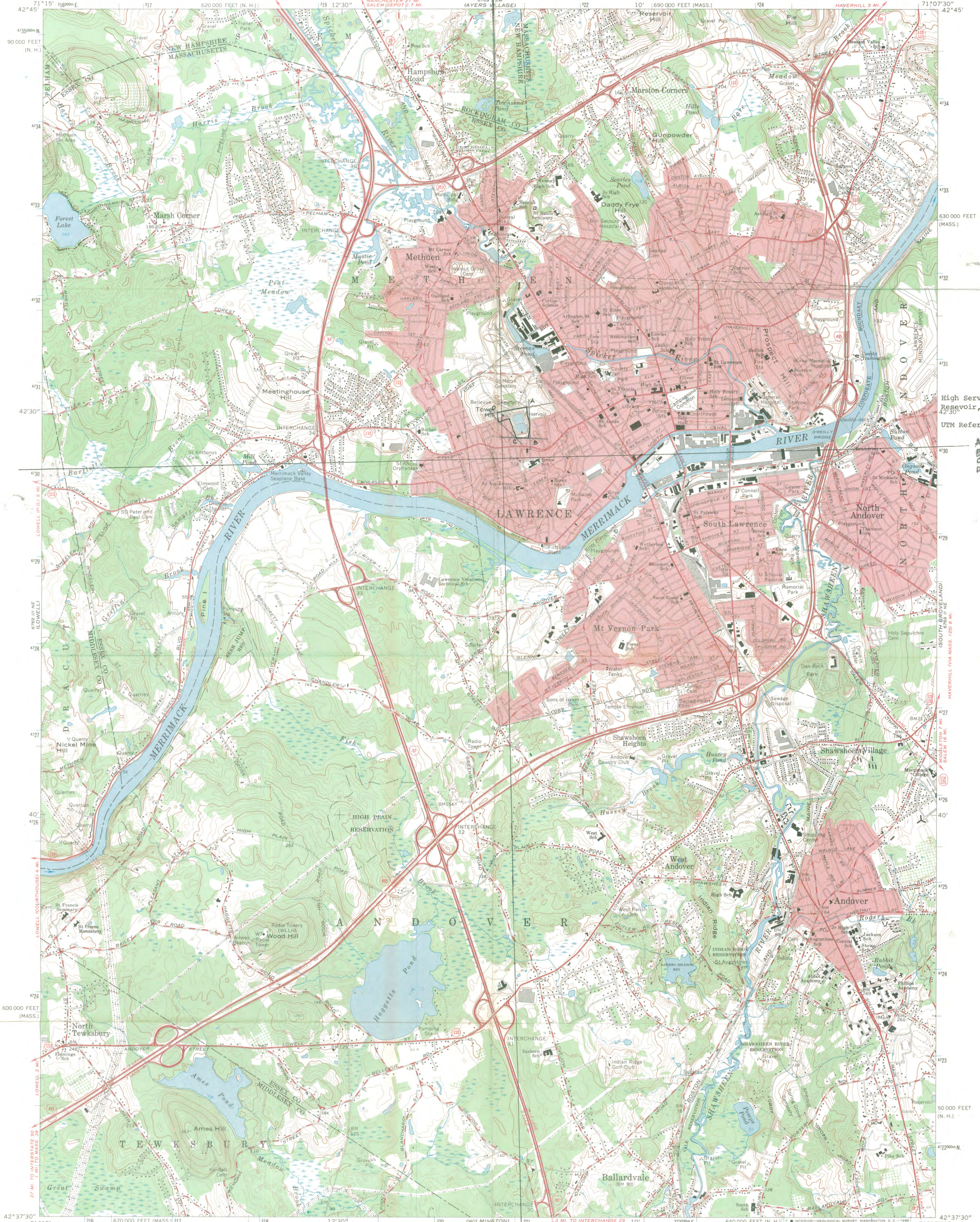
ST.

HIGHWAY

BELLEVUE ST.



NOV 20 1978

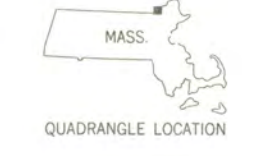
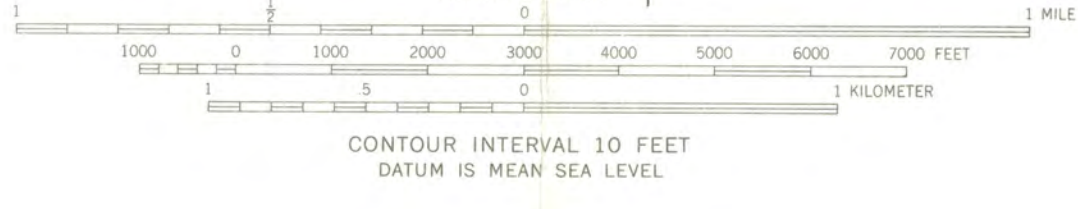


High Service Water Tower and Reservoir, Lawrence, MA.
42°30'

UTM References:

A	19/321320/4730580
B	19/321300/4730220
C	19/321160/4730230
D	19/320880/4730520

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Massachusetts Geodetic Survey
Topography by planetable surveys 1941 and 1942. Revised 1966
Polyconic projection. 1927 North American datum
10,000-foot grids based on Massachusetts coordinate system,
mainland zone, and New Hampshire coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 19, shown in blue
Red tint indicates areas in which only landmark buildings are shown



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

LAWRENCE, MASS.—N.H.
N4237.5—W7107.5/7.5

1966
AMS 6769 II NW—SERIES V814





PAUL GUZZI

Secretary of the
Commonwealth

The Commonwealth of Massachusetts

Office of the Secretary

Massachusetts Historical Commission

294 Washington Street Boston, Massachusetts 02108

(617) 727-8470

June 21, 1978

Mr. Charles Herrington, Chief
Registration Branch
National Register
OAHP, Heritage Conservation and
Recreation Service
Washington, D.C. 20240



Dear Mr. Herrington:

Enclosed you will find the following nomination forms:

- 1) Lawrence - High Service Water Tower & Reservoir
- 2) Chatham - Railroad Depot
- 3) Chatham - The Windmill
- 4) Oak Bluffs - Wesleyan Grove

All of the above have been voted eligible by the State Review Board, and signed by the State Historic Preservation Officer.

Sincerely,

Christine Boulding

Christine Boulding
Acting Survey Director
Massachusetts Historical Commission

CB/CJ/1h
Encls.

ENTRIES IN THE NATIONAL REGISTER

STATE MASSACHUSETTS

Date Entered NOV 20 1978

<u>Name</u>	<u>Location</u>
Robinson, Capt. Joel, House	Attleboro Bristol County
High Service Water Tower and Reservoir	Lawrence Essex County
Odd Fellow's Hall	Beverly Essex County

Also Notified

Honorable Edward W. Brooke
Honorable Edward M. Kennedy
Honorable Margaret M. Heckler
Honorable Paul Tsongas
Honorable Michael J. Harrington

State Historic Preservation Officer
Mrs. Patricia L. Weslowski
Executive Director
Massachusetts Historical Commission
294 Washington Street
Boston, Massachusetts 02108

NATIONAL REGISTER DATA SHEET

① NAME as it appears on federal register: **High Service Water Tower and Reservoir** ② OTHER NAMES: _____ ③ date of entry: **NOV 20 1978** ④ county code: **09**

⑤ LOCATION street & number: **N of Yale St.** city / town: **Lawrence** vicinity of: _____ state: **MA** county: **Essex** ⑥ NPS REGION: **NA**

⑦ OWNER PRIVATE STATE MUNICIPAL COUNTY MULTIPLE FEDERAL (agency name) _____ ⑧ ADMINISTRATOR: _____

⑨ EXISTING SURVEYS HAB: HAER NHL ⑩ FUNDED? YES NO ⑪ CONGRESS DISTRICT: **5th** ⑫ SOURCE of NOMINATION: STATE FEDERAL

⑬ WITHIN NATIONAL REGISTER HISTORIC DISTRICT? YES, NAME _____ NO ⑭ WITHIN NATIONAL HISTORIC LANDMARK? YES, NAME _____ NO ⑮ ACREAGE: _____ If state who prepared form? **MA Hist. Comm.**
 LOCAL PRIVATE ORGANIZATION

⑯ CONDITION deteriorated altered original site excellent ruins unaltered moved good unexposed reconstructed unknown fair unexcavated excavated

⑰ features: INTERIOR SUBSTANTIALLY INTACT-1 NOT INTACT-0 UNKNOWN-4 NOT APPLICABLE-7 EXTERIOR SUBSTANTIALLY INTACT-2 NOT INTACT-0 UNKNOWN-5 NOT APPLICABLE-8 ENVIRONS SUBSTANTIALLY INTACT-3 NOT INTACT-0 UNKNOWN-6 NOT APPLICABLE-9

⑱ ACCESS YES-Restricted YES-Unrestricted No Access Unknown ⑲ ADAPTIVE USE YES NO ⑳ SAVED? YES NO ㉑ IS PROPERTY A HISTORIC DISTRICT? yes no

㉒ AREAS OF SIGNIFICANCE: ARCHEOLOGY-prehistoric-2 ARCHEOLOGY-historic-1 AGRICULTURE-3 ARCHITECTURE-4 ART-5 ENGINEERING-11 ENTERTAINMENT-26 COMMUNICATIONS-7 CONSERVATION-8 ECONOMICS-9 EDUCATION-10 HEALTH-27 INDUSTRY-13 INVENTION-14 LANDSCAPE ARCH.-15 LAW-16 LITERATURE-17 MILITARY-18 MUSIC-19 PHILOSOPHY-20 POLITICS/GOVT.-21 RELIGION-22 SCIENCE-23 SOCIAL/HUMANITARIAN-24 SOCIAL/CULTURAL-30 TRANSPORTATION-25 RECREATION-28 SETTLEMENT-29 URBAN PLANNING-31 OTHER (SPECIFY) _____

㉓ CLAIMS: explain 'first' 'oldest' 'only'

㉔ functions WHEN HISTORICALLY SIGNIFICANT: _____ CURRENTLY: _____ ㉕ dates of initial construction: major alterations: _____ historic events: _____ ㉖ ETHNIC GROUP ASSOCIATION _____

㉗ architectural style(s): _____ ㉘ architect: _____ ㉙ master builder: _____ ㉚ engineer: _____

㉛ landscape architect / garden designer: _____ ㉜ interior decorator: _____ ㉝ artist: _____ ㉞ artisan: _____ ㉟ builder/contractor: _____

㊱ NAMES give role & date PERSONAL: _____ EVENTS: _____ INSTITUTIONAL: _____

㊲ NATIONAL REGISTER WRITE-UP

reviewers initials _____ date _____ IF ADDITIONAL SPACE NEEDED, NUMBER & PUT ON REVERSE