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FORM F - STRUCTURE

AREA	FORM NO.
	16-4

MASSACHUSETTS HISTORICAL COMMISSION
80 BOYLSTON STREET
BOSTON, MA 02116

Town Quincy

Address Reservoir Road

Name Forbes Hill Standpipe

Ownership: MDC Public
Private

Photo (3"x3" or 3"x5" black and white)
Indicate address on back of photo.
Staple to left side of form.

Type of Structure (check one):

bridge	_____	pound	_____
canal	_____	powder house	_____
dam	_____	street	_____
fort	_____	tower	_____
gate	_____	tunnel	_____
kiln	_____	wall	_____
lighthouse	_____	windmill	_____

other standpipe

Sketch Map: Draw map showing structure's location in relation to nearest cross streets, buildings and/or geographical features. Indicate all buildings between inventoried property and nearest intersection.
Indicate north. see attached

DESCRIPTION

Date 1900-1902

Source Metro. Water & Sewerage Bd. Annual Report for 1902

Architect Engineer/Designer (if known):
n/a

Construction material steel, concrete, granite

Alterations (with dates) 1955 reservoir filled, gatehouse demolished, area converted to park

Condition good

Moved no Date _____

Acreage 0. one acre

Setting residential neighborhood adjacent to a park

Recorded by Jane Carolan

Organization Louis Berger & Associates

Date January 1984; revised 1989

UTM REFERENCE 19/332680/4680160

USGS QUADRANGLE Boston South, MA

SCALE 1:25,000

NATIONAL REGISTER CRITERIA STATEMENT (if applicable)

The Forbes Hill Standpipe is one of three vertical reservoirs (Bellevue #16-1; Forbes Hill #16-2; and Arlington #16-3, NR: 9-27-1985) built by the Metropolitan Water Board as part of their distribution system and in response to demands for increasing amounts of water as suburban populations expanded. All three have a unique architectural style which clearly demonstrates the water board's commitment to good design and sensitivity to the surrounding community. No longer in service, the Forbes Hill Standpipe was an important component of the Metropolitan Water Board's in-town distribution system. The Forbes Hill Standpipe possesses integrity of location (con

ARCHITECTURAL SIGNIFICANCE Describe important design features and evaluate in terms of other structures within the community.

Located in a residential neighborhood, adjacent to a park, the original Forbes Hill complex consisted of a 3,000,000 gallon capacity rectangular reservoir with a walk around it; a stone gatehouse with two chambers. The intake chamber was 11' x 3' with screens, a 30" sluice valve and a 12" drain valve. The other chamber measured 11' x 9' x 6'. It was used for discharge to the standpipe and had valves for controlling water to and from the reservoir. Perhaps the most distinctive element of the complex and the only surviving element was the standpipe which was built of steel and enclosed with a granite tower which has a crenelated top with an observation deck (now closed to the public). The standpipe held 2,000,000 gallons of water and was 260' above sea level. The complex was built by Beckwith and Quackenbush, Mohawk, New York under the direction of Dexter Brackett, Engineer of the Metropolitan Water Board Distribution Department.

HISTORICAL SIGNIFICANCE Explain historical importance of structure and how the structure relates to the development of the community.

The Forbes Hill Reservoir and standpipe were built by the Metropolitan Water Board to supply the City of Quincy water after it joined the Water System in 1897. Pipes from Chestnut Hill Area fed the Reservoir and standpipe, which then supplied the surrounding town by gravity. In 1895 the Board of Health recommended a standpipe with a capacity of 2,000,000 gallons. The Water Board, however, determined almost 5,000,000 gallons were necessary which would require a Reservoir in addition to a standpipe. In 1955, after a drowning, the reservoir, which was not being used, was filled in and the gatehouse demolished. The standpipe was taken out of service at the same time.

BIBLIOGRAPHY and/or REFERENCES

- Annual Report of the Metropolitan Water Board, 1898
- Annual Report of Metropolitan Water and Sewerage Board, 1902, 1903
- Structures of the Metropolitan Water Works, Photographs, Volume II, Metropolitan Water Board.
- Detailed Record Book, Sections, 21-45, Section 22

INVENTORY FORM CONTINUATION SHEET

MASSACHUSETTS HISTORICAL COMMISSION
Office of the Secretary, Boston

Community: Quincy	Form No: 16-4
Property Name: Forbes Hill Standpipe	

Indicate each item on inventory form which is being continued below.

NATIONAL REGISTER CRITERIA:

design, materials, workmanship and feeling and meets Criteria C of the "ational Register of Historic Places. The boundary of the Forbes Hill standpipe nomination is shown on the attached map, Southern High Sercie, Forbes Hill Reservoir and Section 21 of pipe lines, ca. 1902. Scale 100' = 1". The boundary includes only the standpipe and not the land around it which is now parkland not owned by the MDC.

Staple to Inventory form at bottom

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number _____ Page _____

Water Supply System of Metropolitan Boston MPS
Middlesex, Norfolk, Suffolk and Worcester Counties, MASSACHUSETTS

DATE LISTED

COVER	Substantive Review	DATE LISTED
1. Ashland Dam and Spillway		<u>Beth L. Savage</u> 01-18-90
2. Framingham Reservoir No. 3 Dam and Gatehouse	Substantive Review	<u>Helene Byers</u> 1-18-90
3. Framingham Reservoir No. 2 Dam and Gatehouse		<u>Beth L. Savage</u> 01-18-90
4. Framingham Reservoir No. 1 Dam and Gatehouse		<u>Helene Byers</u> 1-18-90
5. Hopkinton Dam and Spillway		<u>Helene Byers</u> 1-18-90
6. Lake Cochituate Dam		<u>Helene Byers</u> 1-18-90
7. Medford Pipe Bridge		<u>Helene Byers</u> 1-18-90
8. Middlesex Fells Reservoirs Historic District	Substantive Review	<u>Beth L. Savage</u> 01-18-90
9. Mystic Dam		<u>Helene Byers</u> 1-18-90
10. Mystic Gatehouse	Substantive Review	<u>Beth L. Savage</u> 01-18-90
11. Mystic Pumping Station		<u>Helene Byers</u> 1-18-90
12. Sudbury Aqueduct Linear District		<u>Helene Byers</u> 1-18-90
13. Sudbury Dam Historic District		<u>Helene Byers</u> 1-18-90
14. Weston Aqueduct Linear District		<u>Helene Byers</u> 1-18-90
15. Fisher Hill Reservoir and Gatehouse		<u>Helene Byers</u> 1-18-90
16. Forbes Hill Standpipe		<u>Helene Byers</u> 1-18-90
17. Bellevue Standpipe		<u>Helene Byers</u> 1-18-90
18. Chestnut Hill Reservoir Historic District		<u>Helene Byers</u> 1-18-90
19. Marlborough Brook Filter Beds	Substantive Review	<u>Beth L. Savage</u> 01-18-90

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UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY NAME: Forbes Hill Standpipe

MULTIPLE NAME: Water Supply System of Metropolitan Boston MPS

STATE & COUNTY: MASSACHUSETTS, Norfolk

DATE RECEIVED: 12/05/89 DATE OF PENDING LIST: 12/19/89
DATE OF 16TH DAY: 1/04/90 DATE OF 45TH DAY: 1/19/90
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 89002252

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: N SLR DRAFT: N NATIONAL: N

COMMENT WAIVER: N

ACCEPT RETURN REJECT 1/18/90 DATE Entered in the
National Register

ABSTRACT/SUMMARY COMMENTS:

RECOM./CRITERIA _____
REVIEWER _____
DISCIPLINE _____
DATE _____

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

CLASSIFICATION

count resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

historic current

DESCRIPTION

architectural classification
 materials
 descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

summary paragraph
 completeness
 clarity
 applicable criteria
 justification of areas checked
 relating significance to the resource
 context
 relationship of integrity to significance
 justification of exception
 other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

acreage verbal boundary description
 UTM's boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

sketch maps USGS maps photographs presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

_____ Phone _____

Signed _____ Date _____



MDC - TRA, MASS.

Forbes Hill Standpipe, Quincy, MA.

Jane Carolan / Martha Bowers 1984

Louis Berger Ass.

Water Supply System of Metropolitan Boston MAS

Summit Avenue.

Martha A. Partridge.

City of Quincy.

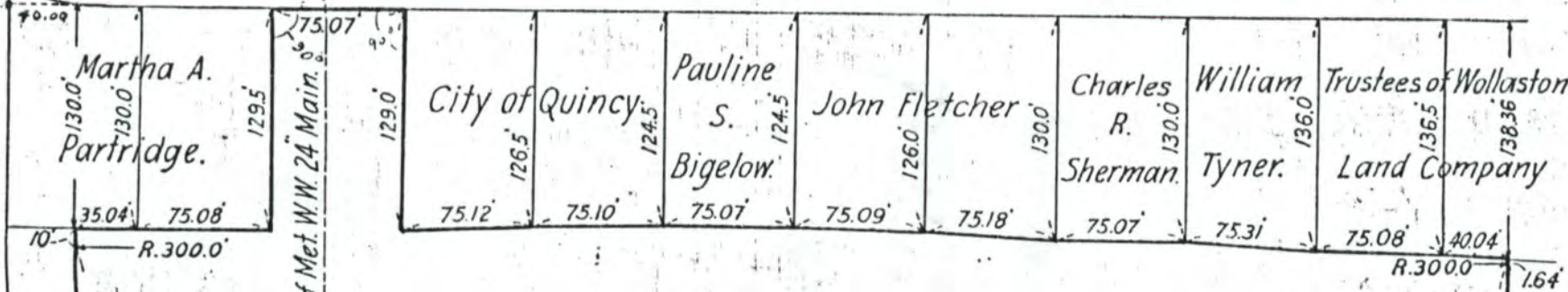
Pauline S. Bigelow.

John Fletcher.

Charles R. Sherman.

William Tyner.

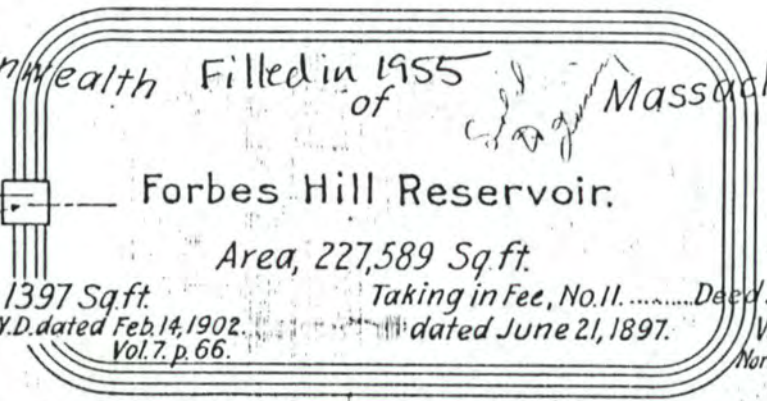
Trustees of Wollaston Land Company.



Standpipe.



Gate House



Forbes Hill Reservoir.

Area, 227,589 Sq. ft.

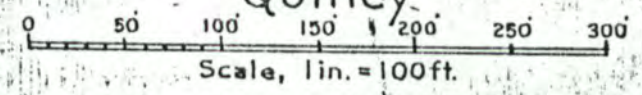
Area, 1397 Sq. ft.
Fee, W.D. dated Feb. 14, 1902.
Vol. 7, p. 66.

Taking in Fee, No. 11. Deed June 24, 1897.
dated June 21, 1897. Vol. 2, p. 174, 175.
Norfolk Deeds Vol. 789, p. 425.



Commonwealth of Massachusetts formerly R.E. and W.C. Forbes.

So. High Service Forbes Hill Reservoir and Section 21 of Pipe Lines. Quincy.



CASE, DRAWER. NO. IN DRAWER
19-33-
ACCESSION NO. B. 4552

Land Plan No. 77

Forbes Hill Standpipe

Forbes Hill Reservoir, Southern High Service and Section 21 of Pipe Lines, ca. 1902.
Scale: 100' = 1".

MDC - TRA, MASS.

Please refer to the map in the
Multiple Property Cover Sheet
for this property

Multiple Property Cover Sheet Reference Number: 64500254