

# Massachusetts Cultural Resource Information System

## Scanned Record Cover Page

<b>Inventory No:</b>	SBR.927
<b>Historic Name:</b>	Weston Aqueduct Head Chamber
<b>Common Name:</b>	
<b>Address:</b>	Rt 30
<b>City/Town:</b>	Southborough
<b>Village/Neighborhood:</b>	Fayville
<b>Local No:</b>	7-7
<b>Year Constructed:</b>	
<b>Architect(s):</b>	Dodge, Charles A. Company; Shepley, Rutan and Coolidge
<b>Architectural Style(s):</b>	
<b>Use(s):</b>	Other Engineering; Utilities Other
<b>Significance:</b>	Architecture; Engineering
<b>Area(s):</b>	SBR.F: Sudbury Dam Historic District sbr.i: Water Supply System of Metropolitan Boston
<b>Designation(s):</b>	Nat'l Register District (1/18/1990); Nat'l Register TRA (1/18/1990)
<b>Building Materials(s):</b>	



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Commonwealth of Massachusetts  
Massachusetts Historical Commission  
220 Morrissey Boulevard, Boston, Massachusetts 02125  
[www.sec.state.ma.us/mhc](http://www.sec.state.ma.us/mhc)

This file was accessed on:

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NRDIS/TRA 1/18/90

## FORM F - STRUCTURE

MASSACHUSETTS HISTORICAL COMMISSION  
Office of the Secretary, State House, BostonPI-FAY  
USGS-FRAM

In Area no.

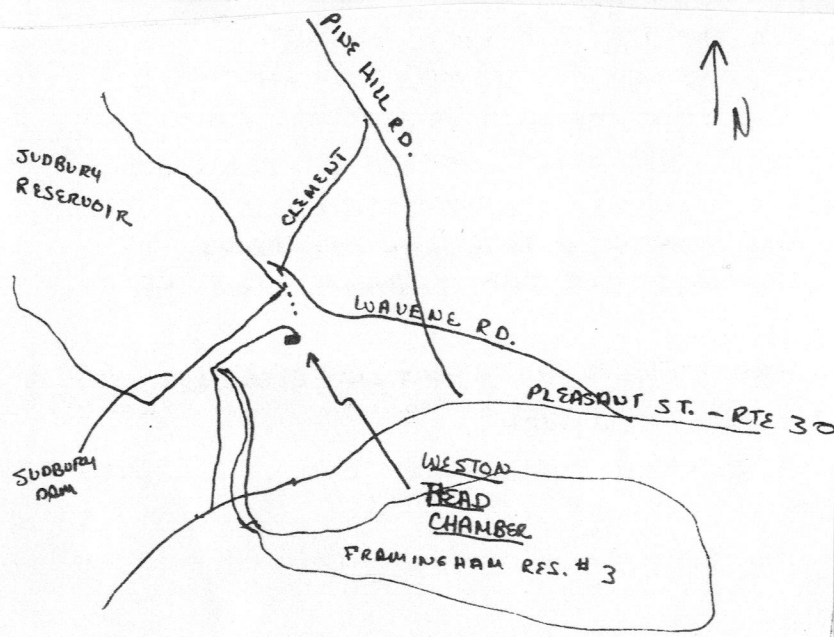
Form no.

F, I

927



4. Map. Draw sketch of structure location in relation to nearest cross streets, buildings, other structures, natural features. Indicate north.

DO NOT WRITE IN THIS SPACE  
USGS Quadrant \_\_\_\_\_

MHC Photo no. \_\_\_\_\_

1. Town SouthboroughAddress village of Fayville, north  
of U.S. 30Name Weston Head ChamberPresent use Head ChamberPresent owner MDC-Boston

3. Type of structure (check one)

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

other aqueduct head chamber

5. Description

Date 1903Source Metro. Water & Sewerage Bd.3rd Annual Report (1904): 132-3Construction material concrete, granite,  
brownstone, clay tileDimensions 26'x30'Setting northeast of Sudbury Dam;  
edge of wooded areaCondition very good6. Recorded by M.H. BowersOrganization Louis Berger & Assoc.Date February 1984

(over)



7. Original owner (if known) Metropolitan Water and Sewerage Board

Original use To screen flow of water into Weston Aqueduct from Sudbury Reservoir

Subsequent uses (if any) and dates \_\_\_\_\_

8. Historical significance

This head chamber is an integral part of the Weston Aqueduct, which was put into operation in 1903. The chamber contains screens and hoisting mechanisms. The superstructure was one of several structures designed for the Weston Aqueduct project by Shepley, Rutan & Coolidge of Boston. It was built by C.A. Dodge & Co., also of Boston. The style is adapted from the Renaissance Revival popular at the time and used with variations throughout the Metropolitan water system during this period. Unlike other structures on the Weston System, however, the head chamber utilizes round-arched windows and monochrome gray granite, in stylistic conformance with nearby structures associated with Sudbury Reservoir (designed by Wheelwright & Haven in the mid-1890's). The smooth coursed-ashlar walls are articulated by slightly projecting quoins, beltcourse and keystones, and a slightly splayed entrance architrave. Granite is also used for the dentil frieze below a metal cornice and tiled hipped roof. The windows are wood, casement-type, with 2/2 lights below blind Tympana. The interior features a concrete floor, brick walls, brownstone sills, and beaded board ceiling. A stone course is projected on brick corbelling on east and west walls, and supports track for an I-beam from which is hung a chain hoist and pulley for raising and lowering screens. A truncated chimney, with opening for a stove flue, is supported on two I-beams spanning the width of the room.

Actively used, and well-maintained, this structure is an important element in the group of structures at Sudbury Dam (see Area Form).

9. Bibliography and/or references such as local histories, deeds, assessor's records, early maps, etc.

Metro. Water & Sewerage Board, 3rd Annual Report (1904):132-34

MWSB Contract with C.A. Dodge & Co., 6 July 1903

MDC Drawing Files, Case 19, Drawer 106, Plan Section & Elevations.