



CITY OF CAMBRIDGE

INTEROFFICE CORRESPONDENCE

To Robert W. Healy, City Manager

Date February 24, 1984

From John J. Cusack, Jr., Superintendent, C.W.D.

Reference WATER DEPARTMENT

Subject Council Order No. 3 - Inspect Water Mains - Churchill Avenue

In response to your Feb. 9th memo on this subject, the Water Department is transmitting herewith a status report on the water main in Churchill Avenue.
(see Grid Map "A-2", attached)

Background

The existing 6-inch cast iron water main was installed in segments in 1876, 1893, 1912 and 1930. The existing service connections are typically lead lined or galvanized steel piping, which are susceptible to corrosion.

Current Situation

The Water Department has not received any direct complaints about water quality from consumers located at Churchill Avenue; however, the Water Department has experienced numerous cold-weather related problems in its distribution system this winter, which have undoubtedly produced localized rusty water conditions and temporary discoloration because of main line shutdowns and valve operation.

During the months of December and January, the Water Department construction crews repaired forty one (41) supply leaks and ten (10) main line breaks. Much of this repair work required isolating portions of the distribution system, which may cause flow reversals and occasional discolored water. These incidents have been short-term in duration and have cleared up after the mains have been flushed out and placed back in service.

Upon receipt of Council Order No. 3, the Water Department also sent a crew to Churchill Avenue to verify that all valves were open and no dead ends or blockages existed. The crew determined that all valves were open.

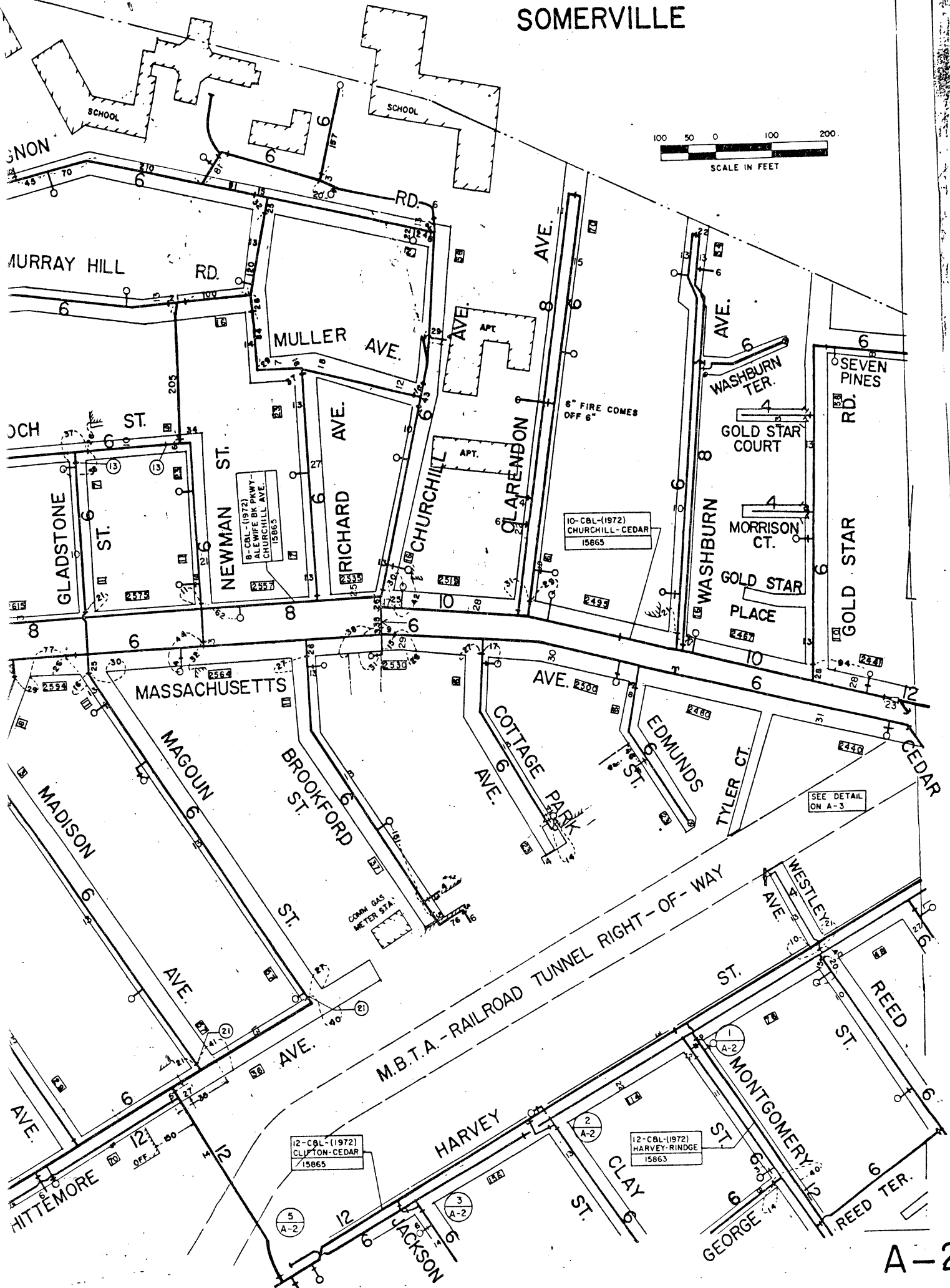
Further Evaluation

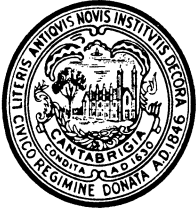
The Water Department upon request will inspect specific service connections of the individual buildings and homes on Churchill Avenue to determine if these supply lines should be replaced because of corrosion.

JJC/mp

Attachment

SOMERVILLE





CITY OF CAMBRIDGE

CAMBRIDGE, MASSACHUSETTS 02139
Tel. 498-9011

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

February 27, 1984

To the Honorable, the City Council:

With reference to Awaiting Report Item No. 3, City Council Order of February 6, 1984, I transmit herewith communication from John J. Cusack, Jr., Superintendent of the Water Department, pertaining to the water mains in Churchill Avenue.

Very truly yours,

Robert W. Healy
City Manager

RWH/b

S-122

Re: response to Awaiting Report Item No. 3
relative to water mains along Churchill
Avenue.

In City Council,

February 27, 1984

2/27/84

Placed

on

File