

Memorandum

To: Mr. Jeff Crane - Andover DPW
From: William Park, PE
Project: 3000 Minuteman Road
Re: Dual Water Main Feeds
Distribution: Ivan Kousidis- ARE, Mark Johnson – Johnson & Borenstein, LLC, (MF)

Date: 10/10/2022
Project No.: 21140

Hello Jeff,

On October 7, 2022 representatives from Andover DPW Water & Sewer Division, ARE Asset Services, SMMA, and Cameron & Davis Fire Protection observed tests to confirm that two water main feeds to the 3000 Minuteman Road campus exist and are operational. The parties reviewed the campus water infrastructure and proposed test methods and agreed upon the following:

- The original (1975) feed from River Road (via 1776 Drive) and the second (1982) feed from Minuteman Road each have a meter pit, one hydrant on the “Town side” of the meter pit, and an inline gate valve at the property line – refer to attached figure. The meter pits contain fire protection and domestic water services each equipped with backflow prevention devices.
- Starting at the 1776 Drive hydrant, Cameron & Davis attached a 2-inch pitot gauge to the hydrant and the DPW opened the hydrant until a pressure of 15-20 pounds per square inch (PSI) was observed. The DPW slowly closed the water main feed gate valve until the gauge pressure dropped to 5-10 PSI. This test was repeated at the Minuteman Road hydrant.

The parties agreed these pressure readings, along with visual and audible evidence, proved the dual water main feeds exist and are operational.

Please let us know if you have any further questions or comments at this time. We appreciate DPW’s assistance with these tests and look forward to coordinating in the future.

Thank you. – Will