

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 05, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	296
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: Cloudy, 100% clouds. Winds variable 0-3 mph. Occasional drizzle.
 Temperature (°F): High 70°F Low 64°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	Hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	X	8
				Safety Officer	1	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	3	X	8
United Concrete	1	x	8	Note that some persons			
Fazzino Plumbing	2	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
CT Traffic Control	1	x	8	Sub-contractor	0	X	8
DN Tanks	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: Meeting day visitors.

Pipe Connections, Installations, and Other Work

Ludlow completed the final grading at 280 Main Street and hot patched the small section of walkway at the back of the building by the utility room where the 1.5" copper water line enters the building on the southwest corner. They moved on to 289 Main Street for 1" copper line installation. They hit some bedrock in the water trench which necessitated jack hammering. They had a couple near misses with the air hose due to a failing connector. New hose has been ordered to rectify the situation.

Fazzino Plumbing and Heating, Inc. completed work at the Durham Market today. They still need to install three submeters for the apartments which will go on the south wall by the inlet into the structure. The whole install is on the southeast corner of the building. Because of the 1" piping request, they had to snake a line through the whole building to reach the pressure tank and water heater located below the kitchen of the Market. All this is in a pit below the floor. There are several old water heaters and pressure tanks down there as well. No one ever removed them because the back access door has been sealed shut. Fazzino will be removing only the required tanks that they disconnected given the amount of effort that will have to be exhausted to get the tanks out of the basement vertically through a hatch. The access is pretty complicated, and this is the only job they completed today. Durham Eye Care is still trying to manage access to the residential walk out in order to more easily remove the tanks in their basement. It seems that tomorrow will be tank collection day; at least part of the day.

United Concrete is not on-site today. Will return tomorrow to complete the control box up at the Tank.

Res. Representative:	W. Abrahams-Dematte	Date:	08/05/2021
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AECOM

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Daily Activities – Installation of water lines, Main Street, Durham

Ludlow completed grading at 280 Main Street and installed a 1" copper line to 289 Main Street. The former was Notre Dame Church, which was completed yesterday with the addition of 85.2 feet of additional 1.5" copper line for a total of 164.2 feet of 1.5" copper line from the curb stop to the building. The latter install took 37 feet of 1" copper from curb stop to house.

0700: Ludlow is finish grading 280 Main Street, completing the fill in the lower part of the trench and adding loam and grading.

0810: Ludlow re-locates the curb stop, which was accidentally buried by loam and installs a bypass in the meter pit so that they can pressurize test the system at 280 Main Street. System checked out, no leaks. Now just pending interior installation by the plumber.

1010: Ludlow has mobilized to 289 Main Street and is currently cutting access to the foundation wall to install 1" copper line.

1100: Ludlow has dug the trench from the curb stop to the house at 289 Main Street, hitting bedrock in two places.

1130: Ludlow back from lunch break, has air hammer out and is preparing to remove the bedrock rises.

1200: Ludlow, having cleared the bedrock, installed 37 feet of 1" copper line from the curb stop to a point in the foundation that is 8 feet from the southwest corner of the structure (house, not porch) along the south wall of the house and at a depth of 4 feet 8 inches below top of sill. The copper line that lies in the north/south trench that runs into the foundation is 13 feet out before turning west and running 22 feet to the curb stop.

1415: Ludlow completed 289 Main Street and cleaned up the area. Yard looks in very good shape. Ludlow will talk with the owner tomorrow about the location of the rose bush that she wishes to have installed.

1600: Received call from homeowner of 289 Main Street, via EPA/AECOM, Ludlow did not close the access door to the basement and the owner is concerned.

1635: AECOM arrives on site at 289 Main Street to assist the owner in setting the trap door and moving wicker porch furniture back into place.

1650: AECOM departs 289 Main Street.

Daily Activities – Full water service installation activities, Main Street, Durham

Fazzino Plumbing and Heating, Inc. began and ended the day at Durham Market. The installation at the Market serves not only the market but also apartments above the market. The basement access was difficult, and it was basically a whole day to finish this location.

0800: Fazzino is given the tour of Durham Market, had questions as to why they were replacing the ¾" line to the Market as it is sufficient. They were not happy with the answer because it added a significant amount of piping through the structure, but agreed that changing things at this point would be more work.

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13:00: Fazzino still working at Durham Market. The attempt to retrieve tanks from Durham Eye Care failed due to tenant landlord requirements, but arrangements have been made to access the walk out tomorrow so Fazzino can remove the tanks from Durham Eye Care.

1515: Fazzino just wrapping up at Durham Market. Demobilizing and running pressure test on the system before turning on the apartments and restarting the electric water heaters.

1530: Fazzino completes Durham Market. Installation is on the south wall near the southeast corner of the building. The submeters for the apartments are still backordered so will have to be installed later.

Daily Activities – Miscellaneous road work, Durham

Did not observe road paving work today, though possible work was continuing down Route 68.

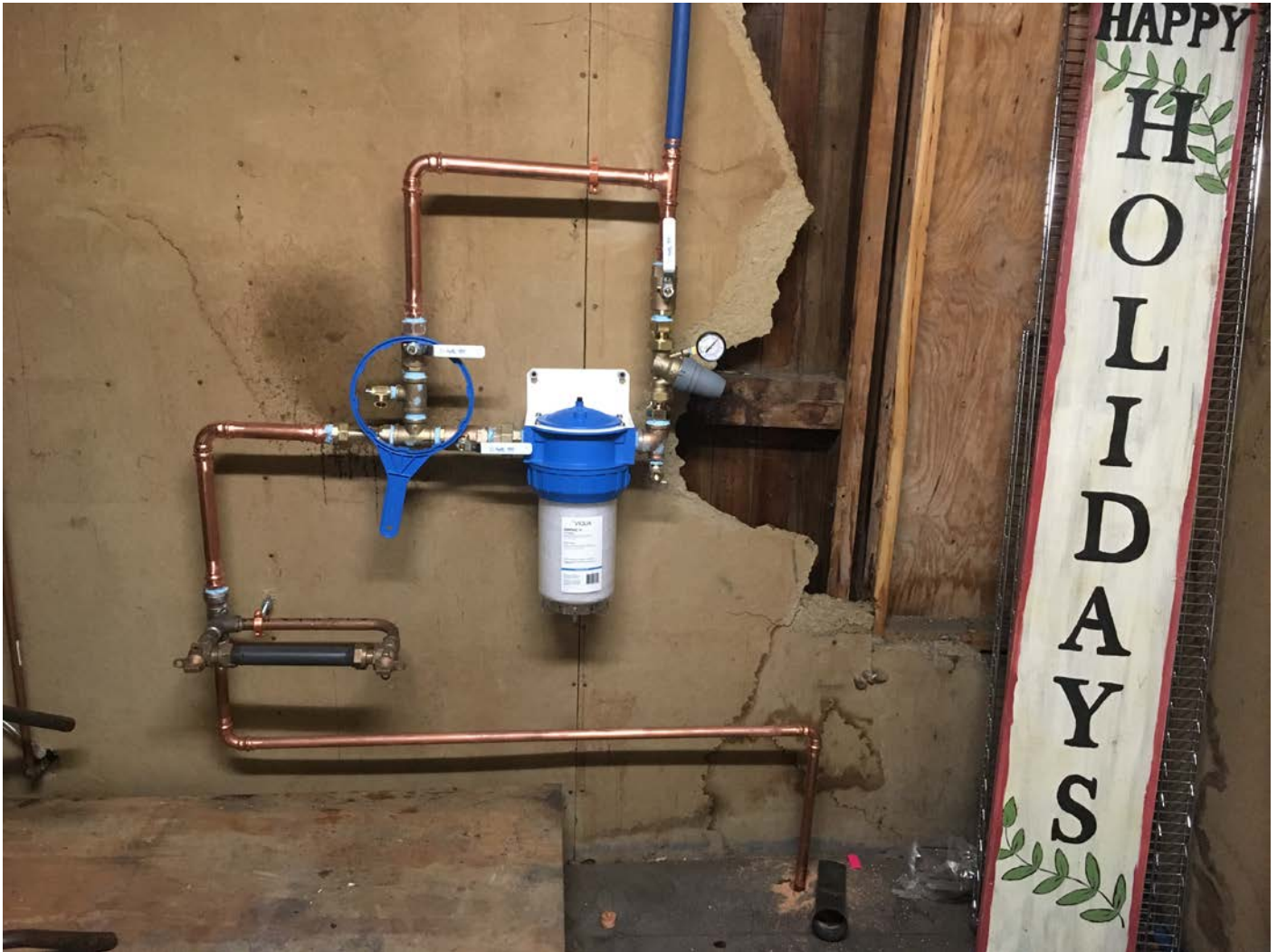
Daily Activities – Altitude valve vault, Shared Access Driveway, Middletown

United Concrete is not working today but will be back Friday 8/5/21 to complete control panel installation up at the Tank.

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Picture 1: Fazzino completed Durham Market installation. Photo faces south, the installation is on the south wall above where the line comes into Durham Market. Submeters for the apartments will likely be installed to the upper left. The water service enters on the southeast corner of the building.

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Picture 2: Facing down. Water line in through the floor at the back of 280 Main Street (Notre Dame Church) Pressure test of the system to insure no leaks. Note cemented floor restoration.



Picture 3: Facing west. Hot patched walkway where 1.5" copper enters 280 Main St. on southwest corner.

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Picture 4: Facing west. Final grading 280 Main Street from roughly mid-point.



Picture 5: Facing east. Final grading 280 Main Street from roughly mid-point.

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Picture 6: Facing west. Overview of the entire run from Route 17 up the south side of Notre Dame Church, 280 Main Street.

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Picture 7: Facing east. View of trench at 289 Main Street.



Picture 8: Facing north. View of turn into house. 1" copper line enters 8 feet from southwest corner at depth of 4.8 feet below top of sill.

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Picture 9: Facing west. Jack hammering one of two bedrock highs. The other was near the foundation wall.



Picture 10: Facing north, 1" copper service into 289 Main Street.

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Picture 11: Facing west. 289 Main Street. Sand layer over the water line. Curb stop at top of picture by the ladder. Tie-offs were not yet completed and will be included in Fridays report.



Picture 12: Facing northeast. Overview of completed installation at 289 Main Street.

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Picture 13: Facing north. Front lawn 289 Main Street. Driveway "C" is for 289 Main St. Final grading.



Picture 14: Facing northeast. Trench from curb stop to house and driveway of 289 Main St. Final grading..

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Picture 15: Facing north. Final grading 289 Main St. driveway and trench into house. 1" copper line enters 8 feet from southeast building corner (not porch corner).



Picture 16: Facing west. Final grading at 289 Main St. View is from garage facing Route 17. House is to the right of the photo.