

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 22, 2021
Location:	Main Street, Durham	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	328
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: Partly sunny/rain. Winds variable 0-9 mph.
 Temperature (°F): High 77°F Low 64°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	hrs
USACE				Ludlow Construction			
Field Engineer	1	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	4	X	8
United Concrete	0	x	8	Note that some persons			
Fazzino Plumbing	0	x	8	operate multiple pieces			
A&R Electrical	0	x	8	of equipment.			
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: None.

Pipe Connections, Installations, and Other Work

Ludlow installed 1" copper water service lines at the 313 and 316 Main Street, Durham, residences.

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

Ludlow installed 1" copper water service lines at the 313 and 316 Main Street, Durham, residences.

0710: Ludlow has staged at the 316 Main Street, Durham, residence for the installation of a 1" copper water service line. Ludlow is currently looking to reroute the planned path of the water line installation. The plans for this property direct the contractor to install the water line on the east side of the residence next to the home's northeast corner. However, there is a crawl space under the porch that does not provide ready access to the home's basement. The layout of the house necessitates that Ludlow select a different pathway for the 1" copper water service line to enter the home. Ludlow elects to bring the water line into the house on the north side of the basement foundation. This will require navigating around a gas line that also enters the north side of the home's basement.

0741 Ludlow begins to excavate on the north side of the 316 Main Street residence next to the northeast corner of the house for the installation of a 1" copper water service line.

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0812: Ludlow continues to excavate on the north side of the 316 Main Street residence.

0829: Ludlow is excavating by hand at the 313 Main Street property to locate a recently installed gas line. The location of the gas line necessitates a change in the placement of a 1" copper water service line for the residence. Ludlow will move the line several feet to the north, which will require that they remove a section of the property's driveway.

0851: Ludlow penetrates the northern foundation of the residence at 316 Main Street with a rotary hammer for the installation of a 1" copper water service line. The penetration point is 10' 6" west of the home's northeast corner.

0911: Ludlow is inserting a 1" copper water service line through the field stone foundation through the northern side of the foundation of the 316 Main Street residence.

0937: Ludlow begins backfilling over the 1" copper water service line they just installed at the 316 Main Street residence. Ludlow is currently placing 6" of sand over the pipe, followed by caution tape, followed by native and imported fill. The fill is being placed in 1' lifts and is being compacted with a jumping jack.

0949: Ludlow has saw cut a section of pavement on the south side of the driveway for the 313 Main Street residence in order to move the installation pathway of the water line due to the conflicting presence of a newly installed gas line.

1021: Ludlow has finished the installation of a 1" copper water line at the 316 Main Street residence.

1134: Ludlow is excavating a trench at the 313 Main Street residence for the installation of a 1" copper water service line. Ludlow has daylighted the residence's field stone foundation on its north side.

1210: Ludlow continues to excavate on the north side of the 313 Main Street residence. Ludlow has removed the strip of asphalt that they saw cut on the south side of the driveway.

1216: Ludlow penetrates the north side of the field stone foundation of the 313 Main Street residence with a rotary hammer. The penetration point is 26.5' feet east of the residence's northwest corner.

1229: Ludlow has inserted 1" copper pipe through the northern foundation of the 313 Main Street residence.

1249: Ludlow is placing 6" of sand followed by caution tape on the portions of 1" copper water service line that they've installed so far at the 313 Main Street residence.

1343: Ludlow continues backfilling the trench they excavated at the residence at 313 Main Street for the installation of 1" copper water service line.

1421: Ludlow continues backfilling the trench they excavated at the residence at 313 Main Street for the installation of 1" copper water service line.

1452: Ludlow is placing tack coat on the edges of the saw cut pavement on the south side of the driveway of the 313 Main Street property.

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1507: Ludlow delivers a truckload of asphalt to the 313 Main Street property and begins to place it where they removed a strip of asphalt on the south side of the driveway.

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Picture 1: Trench that Ludlow excavated on the north side of the 316 Main Street, Durham, residence for the installation of a 1" copper water service line. View to the west.

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Picture 2: Ludlow hand excavating at the 313 Main Street, Durham, property to locate a recently-installed gas line that conflicts with the planned route that Ludlow had planned to run a 1" copper water service line to the residence. View to the east.

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Picture 3: Ludlow inserting 1” copper water service line through a penetration they made through the north side of the foundation of the 316 Main Street residence.

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Picture 4: Ludlow using a jumping jack to compact fill that they used to backfill the trench they excavated during the installation of a 1" copper water service line on the north side of the 316 Main Street residence. View to the southwest.

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Picture 5: Ludlow saw cutting asphalt on the south side of the driveway of the 313 Main Street residence for the installation of a 1" copper water service line. View to the southeast.

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Picture 6: Ludlow excavating a trench on the north side of the 313 Main Street residence for the installation of a 1" copper water service line. View to the east.

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Picture 7: Ludlow excavating next to the curb stop for the 313 Main Street residence for the installation of a 1" copper water service line. View to the northwest.

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Picture 8: Ludlow compacting fill with a jumping jack that they placed over the 1" copper water service line they installed at the 313 Main Street residence. View to the south.

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Picture 9: Tack coating that Ludlow placed on the cut edges of driveway pavement on the north side of the 313 Main Street residence for the installation of a 1" copper water service line. View to the east.

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Picture 10: Ludlow placing asphalt at the 313 Main Street residence to repair the driveway after having cut out the south side of it for the installation of a 1" copper water service line. View to the east.

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