

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 04, 2021
Location:	Main Street and Maple Avenue, Durham	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	357
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-4 mph.
 Temperature (°F): High 52°F Low 28°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	4	X	8
United Concrete	0	x	8	Note that some persons operate			
Fazzino Plumbing	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	0	X	8
A&R Electrical	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 a 1" copper water line at the 206 Maple Avenue, Durham, property. Ludlow moved the curb stop for the 212R Maple Avenue property and installed a meter pit for the same property. Ludlow finished the repair of the eastern foundation of the residence located at 248 Main Street, Durham.

Daily Activities – installation of water lines, Maple Avenue, Durham

Ludlow installed a 1" copper water line at the 206 Maple Avenue, Durham, property. Ludlow moved the curb stop for the 212R Maple Avenue property and installed a meter pit for the same property.

0706: Ludlow mobilizes to the north side of the driveway of the 212R Maple Avenue property to move its curb stop several feet south.

0735: Ludlow begins to excavate around the 212R Maple Avenue curb stop as they prepare to move it further south.

0811: Ludlow removes the curb stop for 212R Maple Avenue. Ludlow has placed a trench box where they removed the curb stop and set up a pump surrounded by ¾" stone to pump out the water that is draining into the excavation from the Maple Avenue

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water line. This water is draining the water line between Talcott Lane and 200 Maple Avenue, where Ludlow has turned off gate valves at these locations.

0839: Ludlow is pumping water from the excavation on the north side of the 212R Maple Avenue driveway into a storm drain located immediately east of the fire pond located on the south side of the 212R Maple Avenue driveway. The water is being discharged through sheet of filter fabric placed over the storm drain grate.

0842: Ludlow begins excavating on the east side of the foundation of the 206 Maple Avenue residence.

0910: Ludlow continues to excavate at the 206 Maple Avenue residence, working eastwards.

0922: Ludlow continues to drain the main waterline on Maple Avenue between Talcott Lane and 200 Maple Avenue ahead of moving the curb stop for the 212R Maple Avenue property.

0948: Ludlow has excavated soil between the eastern foundation and the curb stop for the 206 Maple Avenue property. Ludlow is currently using the pneumatic mole to punch a hole beneath the brick sidewalk located approximately 8' feet to the east of the foundation for the 206 Maple Avenue residence. A small amount of water has collected in the bottom of the trench.

1015: Ludlow is using a rotary hammer to penetrate the eastern foundation of the 206 Maple Avenue residence. The penetration point is located 17" north of the home's southeast corner.

1026: Ludlow is placing $\frac{3}{4}$ " stone around the curb stop for the 206 Maple Avenue residence. There is still a minor amount of water that has collected in the bottom of the trench.

1048: Ludlow is placing sand over the 1" copper water service line that they've installed between the curb stop and the foundation of the 206 Maple Avenue residence. Ludlow is currently using non-shrink grout to secure the 1" copper pipe in place where it penetrates the poured concrete foundation.

1113: Ludlow is preparing to repair a section of corrugated, perforated 4" PVC drain pipe located approximately 40' east of the 206 Maple Avenue residence.

1121: Ludlow is placing fill in 1' lifts over the sand and caution tape they placed over the 1" copper water service line they just installed at the 206 Maple Avenue property. Ludlow is compacting each lift of fill with a jumping jack.

1128: Ludlow has repaired the damaged drainage pipe located approximately 40' east of the 206 Maple Avenue residence with a new section of corrugated, perforated PVC and has covered the repaired section with filter fabric.

1207: Ludlow continues to backfill the trench they excavated for the installation of a 1" copper water service line at the 206 Maple Avenue property.

1234: Ludlow continues to backfill the trench they excavated for the installation of a 1" copper water service line at the 206 Maple Avenue property. Ludlow has also started to place loam on the portions of the lawn that were disturbed during the installation of the 1" copper water service line.

1252: Ludlow has finished placing loam and grass seed on those portions of the 206 Maple Avenue property that were disturbed during the installation of a 1" copper water service line.

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1256: Ludlow begins to saw cut the footprint of a trench on the 212R Maple Avenue driveway. Ludlow is also excavating a trench running from the west side of Maple Avenue (where a 1.5" copper water service line comes off of the main water line to service the 212R Maple Avenue property) to the north side of the driveway for the 212R Maple Avenue property where they will place a curb stop and a meter pit.

1320: Ludlow continues saw cutting the 212R Maple Avenue property driveway. Ludlow continues excavating on the west edge of Maple Avenue/north side of the 212R Maple Avenue property driveway for the installation of a meter pit and curb stop.

1356: Ludlow has placed ¾" stone in the bottom of the trench just north of the 212R Maple Avenue property driveway as a base for the meter pit they are about to install.

1411: Ludlow is attaching a section of 1.5" copper line to the existing section of 1.5" copper pipe that comes off of the water main line that will be connected to the curb stop they are preparing to reinstall south of its original location.

1446: Ludlow continues saw cutting the 212R Maple Avenue property driveway. Ludlow has installed a meter pit and has moved the curb stop for the 212R Maple Avenue property at the north edge of the property's driveway.

Daily Activities – Repair of the 248 Main Street residence foundation, Main Street, Durham

Ludlow finished the repair of the eastern foundation of the residence located at 248 Main Street, Durham.

1002: Ludlow continues work on the eastern foundation of the 248 Main Street residence. Ludlow is preparing to apply foundation coating over the non-shrink grout that they applied to the exterior of the dry-set fieldstone foundation earlier in the week.

1141: Ludlow is finishing up applying foundation coating over the non-shrink grout that they applied to east side of the dry-set fieldstone foundation of the 248 Main Street residence.

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Picture 1: Ludlow preparing to remove the curb stop for the 212R Maple Avenue property, to be reinstalled later today south of this location. View to the west.

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Picture 2: Water from a section of the Maple Avenue water line that is draining into the excavation where Ludlow removed the curb stop for the 212R Maple Avenue property. The water is being removed from the excavation via a pump that is set in the ¾" rock that is visible on the bottom of the excavation. View to the east.

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Picture 3: Ludlow placing sand over 1” copper water service line that they just installed on the east side of the 206 Maple Avenue residence. View to the west.

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Picture 4: Ludlow compacting fill that has been placed over the sand and caution tape that was placed over the 1" copper water service line that they just installed on the east side of the 206 Maple Avenue residence. View to the northwest.

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Picture 5: Ludlow setting a shrub back in place on the east side of the 206 Maple Avenue residence after they installed a 1" copper water service line. View to the west.

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Picture 6: 4" PVC drain line that Ludlow damaged during the installation of a 1" copper water service line at the 206 Maple Avenue residence. View to the south.

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Picture 7: 4" PVC drain line that Ludlow repaired after damaging it during the installation of a 1" copper water service line at the 206 Maple Avenue residence. View to the south.

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Picture 8: Ludlow saw-cutting the footprint of a trench on the 212R Maple Avenue driveway for the installation of a 1.5" copper water service line. View to the west.

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Picture 9: Ludlow excavating a trench for the reinstatement of a curb stop and the installation of a meter pit and 1.5" copper water service line for the 212R Maple Avenue property. View to the south.

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Picture 10: Ludlow leveling the meter pit that they are in the process of installing on the north edge of the 212R Maple Avenue driveway. View to the southwest.

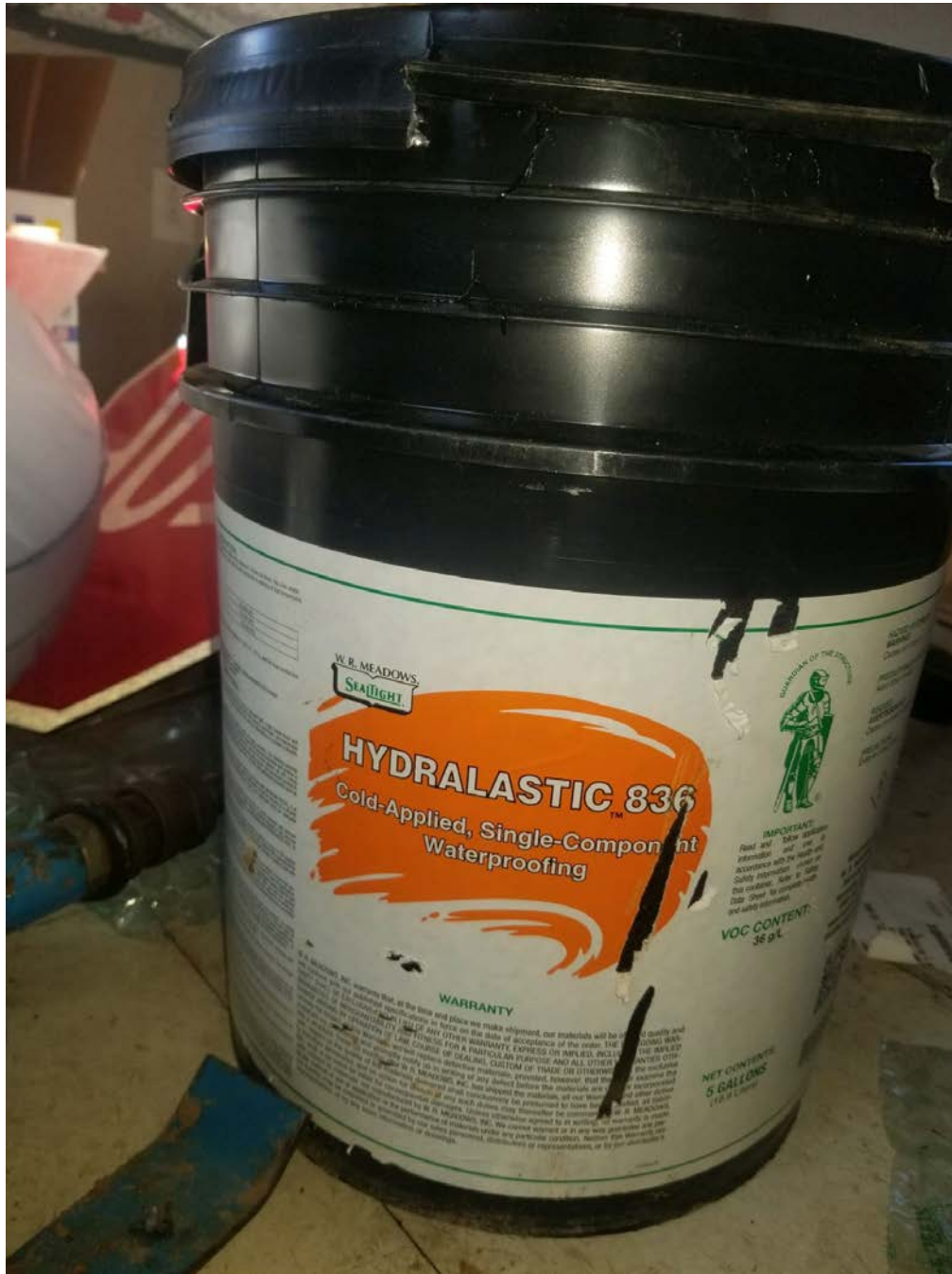
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Picture 11: Sealant that Ludlow applied to the portion of the exterior of the 248 Main Street residence foundation after the non-shrink grout they applied to the area had set up.

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