

## Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 7, 2021
Location:	Maiden Lane, Durham	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	338
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions			
Conditions:	Daylight hours: Overcast. Winds variable 0-3 mph.		
Temperature (°F):	High 72°F	Low	48°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
Barnhart	0	x	8	Note that some persons operate			
Fazzino Plumbing	2	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	1	x	8	Sub-contractor	3	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 performed full water service installation activities, including exterior service connections at 29 and 35 Maiden Lane, Durham. Fazzino Plumbing installed final water service components at the residences located at 18, 19, and 36 Maiden Lane.

### Daily Activities – Full water service installations, Maiden Lane, Durham

Ludlow performed full water service installation activities on Maiden Lane, Durham.

0718: Ludlow has mobilized to the 29 Maiden Lane, Durham, residence for the installation of a 1" copper water service line.

0752: Ludlow is hand excavating on the west side of the foundation for the 29 Maiden Lane residence.

0824: Ludlow is using a mid-sized Volvo excavator to continue trenching activities at the 29 Maiden Lane property.

0902: Ludlow has excavated a trench between the west side of the field stone foundation of the 29 Maiden Lane residence and the curb stop associated with the home.

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944: Ludlow is placing 1" copper water service line between the curb stop and the western foundation of the 29 Maiden Lane residence. The field stone foundation for the house was penetrated 45" south of the home's northwest corner with a rotary hammer.

1038: Ludlow is backfilling over the 1" copper water service line they installed at the 29 Maiden Lane property with fill that they are placing in 1' lifts. Ludlow is compacting the fill with a jumping jack.

1146: Ludlow continues to backfill the trench they excavated at the 29 Maiden Lane property for the installation of a 1" copper water service line.

1242: Ludlow is placing and raking out loam that they placed on those sections of the lawn that were disturbed during the installation of a 1" copper water service line.

1305: Ludlow is mobilizing to 35 Maiden Lane residence for the installation of a 1" copper waterline.

1313: Ludlow starts excavating on the north side of the 35 Maiden Lane residence to begin the installation of a 1" copper waterline.

1331: Ludlow has penetrated the northern foundation of the 35 Maiden Lane residence with a rotary hammer. The penetration went through a membrane that was installed against the interior of the field stone wall that acts as a barrier against water. Ludlow will secure the 1" copper pipe against the field stone foundation with non-shrink grout. Ludlow stated that they would seal the penetration through the membrane with duct tape placed around the 1" copper pipe.

1354: Ludlow is installing 1" copper pipe between the curb stop and the northern foundation of the 35 Maiden Lane residence.

1409: Ludlow has placed sand and caution tape over the 1" copper pipe they just installed on the north side of the 35 Maiden Lane residence. Ludlow is currently placing fill in 1' lifts over the caution tape and sand, compacting the fill with a jumping jack.

1427: Ludlow continues backfilling the trench at the 35 Maiden Lane property. Ludlow is also repairing a 1" HDPE irrigation line that was severed during the installation of the water service line. Ludlow is using a barbed, female to female PVC fitting to make the repair, crimping the hose into place with crimped hose clamps.

1446: Ludlow is finished with the installation of a 1" copper water service line at the 35 Maiden Lane residence. Ludlow is currently spreading grass seed over loam they raked over the areas of the 35 Maiden Lane property that were disturbed by the installation of a 1" copper water service line.

### Daily Activities – Interior water service installation activities, Maiden Lane, Durham

Fazzino Plumbing installed final water service components at the residences located at 18, 19, and 36 Maiden Lane.

0912: Fazzino Plumbing has mobilized to the 18 Maiden Lane, Durham, residence for the installation of final water service components.

0946: Fazzino Plumbing continues the installation of final water service components at the 18 Maiden Lane residence.

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1056: Fazzino Plumbing has finished the installation of final water service components at the 18 Maiden Lane residence.

1110: Fazzino Plumbing has mobilized to the 19 Maiden Lane residence where they are installing final water service components.

1157: Fazzino Plumbing continues to install final water service components at the 19 Maiden Lane property.

1333: Fazzino Plumbing mobilizes to the 36 Maiden Lane residence for the installation of final water service components.

1415: Fazzino Plumbing continues to install final water service components at the 36 Maiden Lane residence.

1517: Fazzino Plumbing continues with the installation of final water service components at the 36 Maiden Lane residence.

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Picture 1: Ludlow hand excavating on the west side of the 29 Maiden Lane residence. View to the southeast.

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Picture 2: Ludlow excavating on the north/northwest side of the 29 Maiden Lane residence as they prepare to install a 1" copper water service line. View to the southwest.



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Picture 3: Ludlow using a jumping jack to compact fill placed in 1' lifts as they backfill over the 1" copper water service line they just installed. View to the northwest.



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Picture 4: Ludlow excavating on the north side of the 35 Maiden Lane residence as they prepare to install a 1" copper water service line. View to the east.



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Picture 5: North side of the fieldstone foundation of the 35 Maiden Lane residence. View to the south.

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Picture 6: Penetration on the interior of the northern foundation of the 35 Maiden Lane residence that Ludlow made with a rotary hammer.

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Picture 7: Repair that Ludlow made to a 1" HDPE irrigation line that was severed during the installation of a 1" copper water service line. Ludlow used a barbed, female to female PVC fitting to make the repair, crimping the hose into place with crimped hose clamps.

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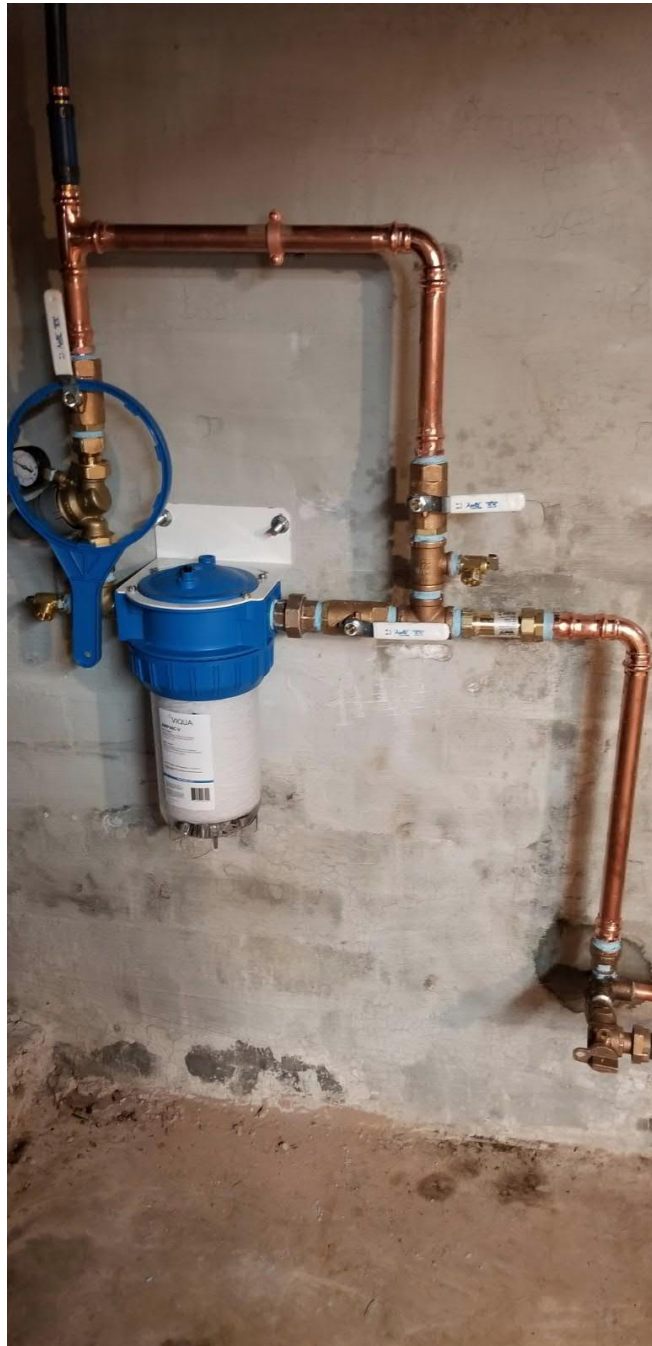
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Picture 8: Ludlow spreading grass seed over loam they raked over the areas of the 35 Maiden Lane property that were disturbed by the installation of a 1" copper water service line. View to the southeast.

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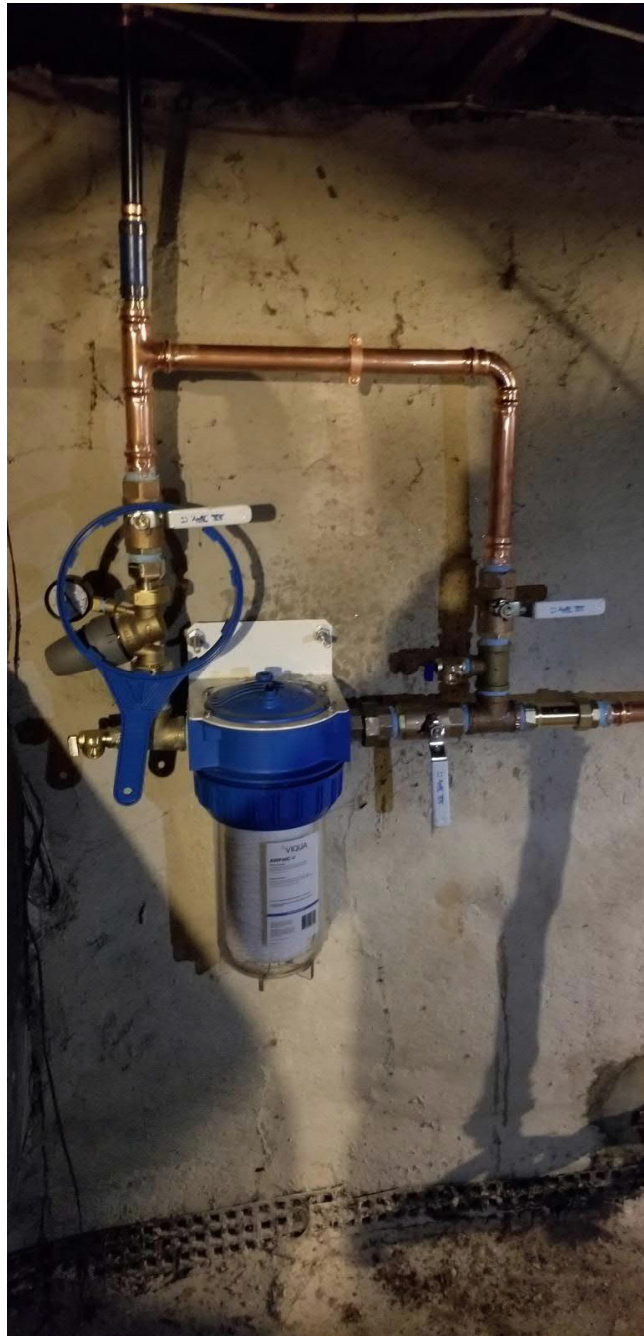
Picture 9: Final water service components that Fazzino Plumbing installed at the 18 Maiden Lane, Durham, residence.

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Picture 10: Final water service components that Fazzino Plumbing installed at the 19 Maiden Lane, Durham, residence.

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Picture 11: Final water service components that Fazzino Plumbing installed at the 36 Maiden Lane, Durham, residence.

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