

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Rain. Winds variable 0-7 mph.
 Temperature (°F): High 64°F Low 55°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	2	x	8	multiple pieces equipment.			
Apuzzo Electric	3	x	8				
CT Traffic Control	1	x	8	Sub-contractor	6	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 a 1" copper water service line at the 18 Maiden Lane residence in Durham. Fazzino Plumbing installed final water service components at the 307, 312, and 313 Main Street, Durham, residences. Apuzzo Electric disconnected the existing pump control boxes, feed wires back to the main electrical panel, disconnected wires from the panel, and installed new copper bonding wires from the main electrical panel to the new water service at 120, 127, 228, 228R, and 236 Main Street, Durham, and 17 Wallingford Road, Durham.

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

Ludlow installed a 1" copper water service line at the 18 Maiden Lane residence in Durham.

0722: Ludlow has staged at the 18 Maiden Lane, Durham, property for the installation of a 1" copper water service line but has not started work yet.

0751: Ludlow is filming the property at the residence at 18 Maiden Lane prior to excavating on the west side of the house for the installation of a 1" copper water service line. The Appendix B plans show the 1" copper water line entering the south side of the house near the southwest corner. However, that point of entry does not go into the home's basement but rather a crawl space. Ludlow plans to reroute the 1" copper line to the west side of the house.

Res. Representative:	J. Meunier	Date:	10/04/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	2 of 15

0758: Ludlow temporarily removes a section of fencing on the west side of the 18 Maiden Lane residence to access the west side of the house for the installation of a 1" copper water service line. Ludlow removes pea stone and penetrates some geofabric as they clear a path to excavate on the west side of the residence. Ludlow is also hand-excavating to daylight existing utilities.

0848: Ludlow has daylighted a 4" PVC drain line and a 4" black corrugated plastic pipe while hand excavating on the west side of the 18 Maiden Lane residence.

0935: Ludlow is jackhammering rock located ~5' west of the foundation for the 18 Maiden Lane residence.

1019: Ludlow continues work at the 18 Maiden Lane property for installation of a 1" copper water service line. Ludlow has daylighted a second 4" PVC drain line and has also encountered more bedrock as they excavate a trench towards the curb stop located to the south.

1117: Ludlow has placed a hammer onto an excavator and is breaking up rock in the trench they are excavating for the installation of a 1" copper water service line. Ludlow has drilled through the western foundation of the 18 Maiden Lane foundation using a rotary hammer. The penetration point is located 20'-2" north of the home's southwest corner.

1237: Ludlow has a 1" copper line installed between the western foundation of the 18 Maiden Lane residence and its curb stop. Ludlow is currently placing 6" of sand over the copper pipe.

1426: Ludlow continues to backfill the trench they excavated for the installation of a 1" copper water line at the 18 Maiden Lane residence.

1452: Ludlow continues to backfill the trench they excavated for the installation of a 1" copper water line at the 18 Maiden Lane residence.

Daily Activities – Installation of new bonding wire, Durham

Apuzzo Electric disconnected the existing pump control boxes, feed wires back to the main electrical panel, disconnected wires from the panel, and installed new copper bonding wires from the main electrical panel to the new water service at 120, 127, 228, 228R, and 236 Main Street, Durham, and 17 Wallingford Road, Durham.

0745: Ludlow's health and safety officer holds a meeting with Apuzzo Electric in the Ludlow office trailer to go over the work they plan to perform today grounding the new water system to the main electric panel and severing the wires between the property's wells and the main electric panel.

0828: Apuzzo Electric mobilizes to the parking lot located between 228 and 236 Main Street (property owned by the United Methodist Church of Durham).

0835: Apuzzo Electric are staging to enter the basement of the church located 236 Main Street to start working on disconnected the existing pump control box, feed wires back to the main electrical panel, disconnect wires from the panel, and install a new copper bonding wire from the main electrical panel to the new water service.

Res. Representative:	J. Meunier	Date:	10/04/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	3 of 15

0909: Apuzzo Electric is running a grounding line from new water system components to the existing main electrical panel in the basement of the church located at 236 Main Street, Durham.

1044: Apuzzo Electric is installing copper bonding wires at both 228 and 228R Main Street properties.

1139: Apuzzo Electric has finished work at the at 228, 228R, and 236 Main Street properties, and the 17 Wallingford Road residence. Apuzzo Electric has mobilized to the 120 Main Street residence to disconnect the existing pump control box, feed wires, disconnect them from the main electric panel, and install a new copper bonding wire from the panel to the new water service.

1246: Apuzzo Electrical just finished working at the 120 Main Street residence and has mobilized to the 127 Main Street residence.

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

Fazzino Plumbing installed final water service components at the 307, 312, and 313 Main Street, Durham, residences.

0945: Two plumbers from Fazzino Plumbing are installing final water service components at the 307 Main Street, Durham, residence.

1008: Fazzino Plumbing continues to install final water service components at the 307 Main Street residence.

1041: Fazzino plumbing finishes the installation of final water service components at the 307 Main Street residence in Durham.

1150: Fazzino Plumbing has mobilized to the 312 Main Street residence for the installation of final water service components.

1258: Fazzino Plumbing continues to work on installing final water service components at the 312 Main Street residence.

1321: Fazzino Plumbing has finished installing final water service components at the 312 Main Street residence and is mobilizing to the 313 Main Street residence.

1520: Fazzino Plumbing finishes the installation of final water service components at the 313 Main Street residence in Durham.

Res. Representative:	J. Meunier	Date:	10/04/21
-----------------------------	------------	--------------	----------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	4 of 15



Picture 1: Ludlow removing a section of fence at the 18 Maiden Lane property that was in the pathway of the new route they chose to install a 1" copper water service line. The original route (which had the pipe entering the house on the south side next to the southwest corner) was deemed infeasible, as the entry point led into a section of the house that is not underlain by the home's basement. View of the west side of the house, looking to the northeast.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>10/04/21</u>
-----------------------------	-------------------	--------------	-----------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	5 of 15



Picture 2: Overview of the 18 Maiden Lane residence where Ludlow is working to install a 1" copper water service line. View to the northeast.

Res. Representative:

J. Meunier

Date: 10/04/21

Daily Report

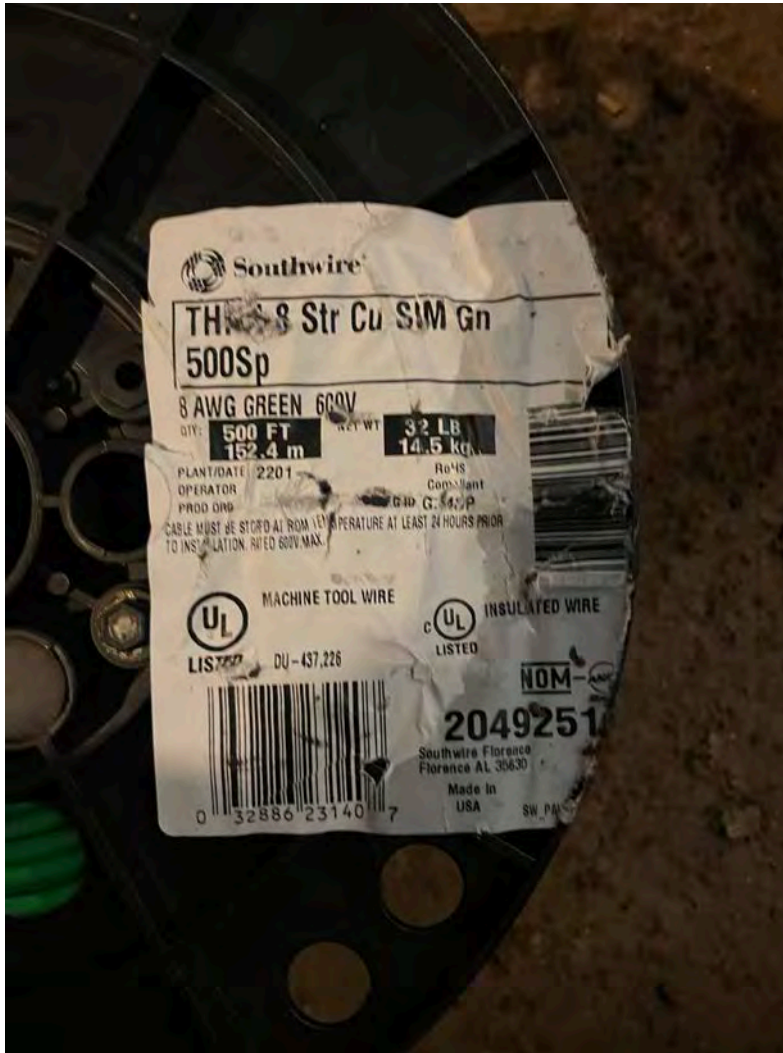
Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	6 of 15



Picture 3: Ludlow hand excavating around a 4" PVC drain line located on the west side of the 18 Maiden Lane residence in Durham. View to the east.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	7 of 15



Picture 4: Copper bonding wire that Apuzzo Electric is using to ground the new water systems installed by Fazzino Plumbing.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>10/04/21</u>
-----------------------------	-------------------	--------------	-----------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	8 of 15



Picture 5: Ludlow jackhammering bedrock in the trench they excavated for the installation of a 1" copper water service line. View to the west.

Res. Representative:

J. Meunier

Date: 10/04/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	9 of 15



Picture 6: Apuzzo Electric running grounding cable from the main electric panel in the basement of 236 Main Street, Durham, to the exterior of the church. View to the northwest.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	10 of 15



Picture 7: Ludlow excavating at the 18 Maiden Lane property for the installation of a 1" copper water service line. View to the south.

Res. Representative:

J. Meunier

Date: 10/04/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	11 of 15



Picture 8: Final water service components that Fazzino Plumbing installed at the 307 Main Street, Durham, residence.

Res. Representative:

J. Meunier

Date: 10/04/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	12 of 15



Picture 9: Ludlow hammering bedrock as they excavate a trench at the 18 Maiden Lane property for the installation of a 1" copper water service line. View to the south.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>10/04/21</u>
-----------------------------	-------------------	--------------	-----------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	13 of 15



Picture 10: Ludlow placing sand over a 1" copper water service line they installed at the 18 Maiden Lane property. View to the north.

Res. Representative:

J. Meunier

Date: 10/04/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	14 of 15



Picture 11: Final water service components that Fazzino Plumbing installed at the 312 Main Street, Durham, residence.

Res. Representative:

J. Meunier

Date: 10/04/21

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 4, 2021
Location:	Maiden Lane, Wallingford Road, Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	335
Contractor:	Ludlow Construction	Page:	15 of 15



Picture 12: Final water service components that Fazzino Plumbing installed at the 313 Main Street, Durham, residence.

Res. Representative:	<u>J. Meunier</u>	Date:	<u>10/04/21</u>
-----------------------------	-------------------	--------------	-----------------