

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 30, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	292
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-3 mph.
 Temperature (°F): High 83°F Low 54°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	0	X	8
				Dump truck Operator	2	X	8
				Excavator Operator	1	X	8
				Skid Steer/Bucket Loader	1	X	8
				Laborers	3	X	8
United Concrete	0	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: None.

Pipe Connections, Installations, and Other Work

Ludlow completed the installation of 1" copper water service line at the residences located at 268 and 272 Main Street, Durham. Fazzino Plumbing and Heating, Inc. installed water service to the buildings at 227, 233, and 235 Main Street, however both 227 and 233 Main Street locations will require additional work. At 227 Main Street Fazzino had to pre-install all the interior piping prior to Ludlow installing the line due to the need to install the line through the existing water line hole from the well. At 233 Main Street Fazzino needs to install an additional 3 water meters for the landlord for each apartment.

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

Ludlow completed the installation of a 1" copper water service lines at the residences located at 268 and 272 Main Street, Durham.

0730: Ludlow begins excavating along the driveway of 268 Main Street. Soils are somewhat bony. They will excavate up the side of the house to the location of the existing well and turn into the house between the spigot and basement window. The owner is ok with the removal of one pine and one azalea (?) bush to allow access to place the water line which will enter the basement roughly near the same location as the current water line.

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0830: Ludlow completes the water line installation and is backfilling the line. The line enters the house 14 feet forward of the rear building corner of the house before it turns in to the extension wall. Ludlow starts to prepare for the installation to the Church Rectory at 272 Main Street. This requires cutting limbs from the tree in front of the building so that the excavator can dig the line without breaking limbs.

0915: Tree limbs cut but waiting to be cleared. Part of the crew continues the backfilling and cleanup of 268 Main St.

1045: Ludlow has begun excavation for the water line at 272 Main Street. Excavation is 5 feet at the Rectory foundation to a depth of 6 feet from top of sill. Water line will go in low to avoid electrical meter in basement. Ludlow will drill from inside out to make hole for the water line. Water line come in roughly center of the building just to the north side of the statue of Mary; 5.5 feet from the nearest building corner.

1130: Ludlow has ripped up some of the low-pressure drip irrigation line coming out of the church rectory. The irrigation line appears to be randomly laid out in all directions. Ludlow is working on finding parts to fix the line.

1200: Ludlow has completed the re-grading for 268 Main Street and is currently working on re-setting the flag-stone wall that ran along the edge of the driveway by the water line input.

1330: Ludlow is has begun backfilling 272 Main Street. They are still looking for parts to repair the irrigation line. This part is still exposed but backfilled below. The placement of the 1" copper water service line at the 268 and 272 Main Street were both backfilled over the pipe with sand, followed by caution tape, followed by native soil. In the case of 268 Main caution was used not to place boulders/cobbles directly on top of the line.

1400: Ludlow begins clean-up for the day. Being Friday, they did not want to start on the next building, which is the church, because it is a bit more complicated than a home hookup. A 1.5" line will be run to the pit and then downsized to a 1" line. They are still trying to obtain parts for the irrigation system. Will not be able to check on status till Monday as Billy (Ludlow foreman) does not have a phone (damaged).

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

Fazzino Plumbing and Heating, Inc. installed final water service to the buildings at 235 Main Street and 233 Main Street with the caveat that the latter still requires an additional 3 water meters for the apartments in the building. They also pre-installed 227 Main Street, which was required for smooth transition because the well water line entrance will be used for the new municipal water line.

1022: Fazzino has completed 227 Main Street installation of final water service components. The actual completion will be next Wednesday when the water line is brought into the building. The new municipal line will run through the existing on-site well line into the house, so the interior had to be completed first to allow for smooth transition. Heading to 233 Main St.

1342: Fazzino has completed 233 Main Street installation and is working on 235 Main Street.

1400: Fazzino has finishing the installation of final water service components at the building located at 235 Main Street, Durham, but will need to go back to install three smaller water meters on the landlords side.

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Daily Activities – Miscellaneous road work, Durham

No road work noted today.

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

No activities noted today

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Picture 1: Fazzino installation at 227 Main Street. Completed pre-water line to allow smooth transition of service.



Picture 2: Fazzino installation at 235 Main Street. Need to install three smaller water meters on landlords' side but otherwise complete. Fazzino did not state when they would get to doing the additional meters.

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Picture 3: Fazzino installation at 233 Main Street, complete.



Picture 4: Facing south. Ludlow backfilling 1" copper service line at 268 Main St. Line installed along edge of drive.

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Picture 5: Facing south – 268 Main St. Left is service line buried in sand with water tape on top. Right is finish grade. Line is 14 feet from back sloped roof section of building.



Picture 6: Facing west. Re-setting flagstone wall along drive. Small wall maybe 10 feet long.

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Picture 7: Facing west. Laying out the line at 272 Main St (church rectory). Line enters where person is standing; 5.5 feet to nearest corner of building to the right of person in photo Note tree limbs cut to provide access. Existing well is to right of new water line.

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Picture 8: Ludlow excavating at 272 Main Street property. Left faces north. Installation trench for 1" copper service line; 6 feet deep from top of sill. Right faces east. Trench extending out to curb stop. Note tubes sticking up are part of a drip irrigation lines that seems to be randomly buried. Ludlow is looking for parts to repair.

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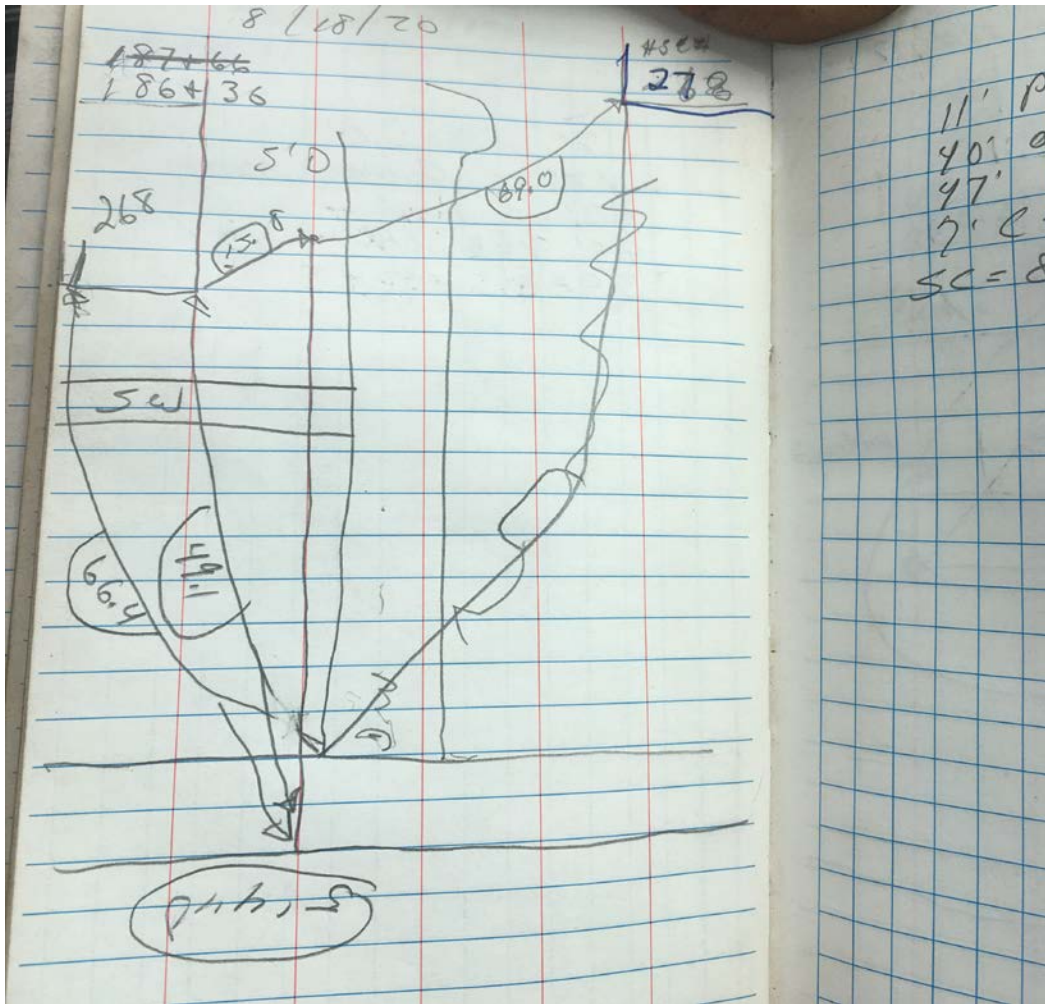


Picture 9: Ludlow regrading and cleaning up at 272 Main Street. Note water supply well location.

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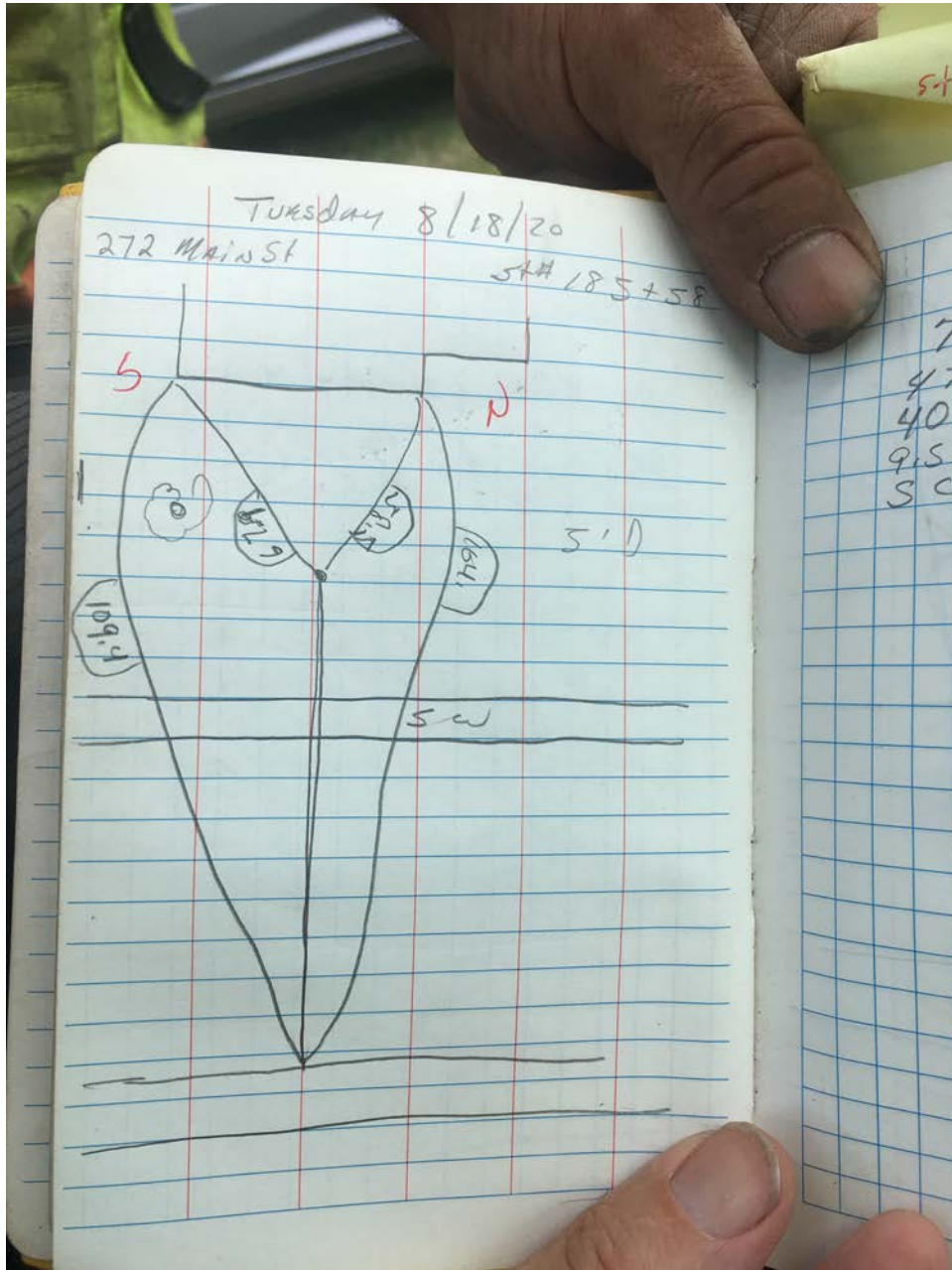
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Picture 10: Ludlow measurements to curb stop at 268 Main Street, Durham. Note that one measurement is to the corner of 272 Main Street do nature of location. West is up in this diagram.

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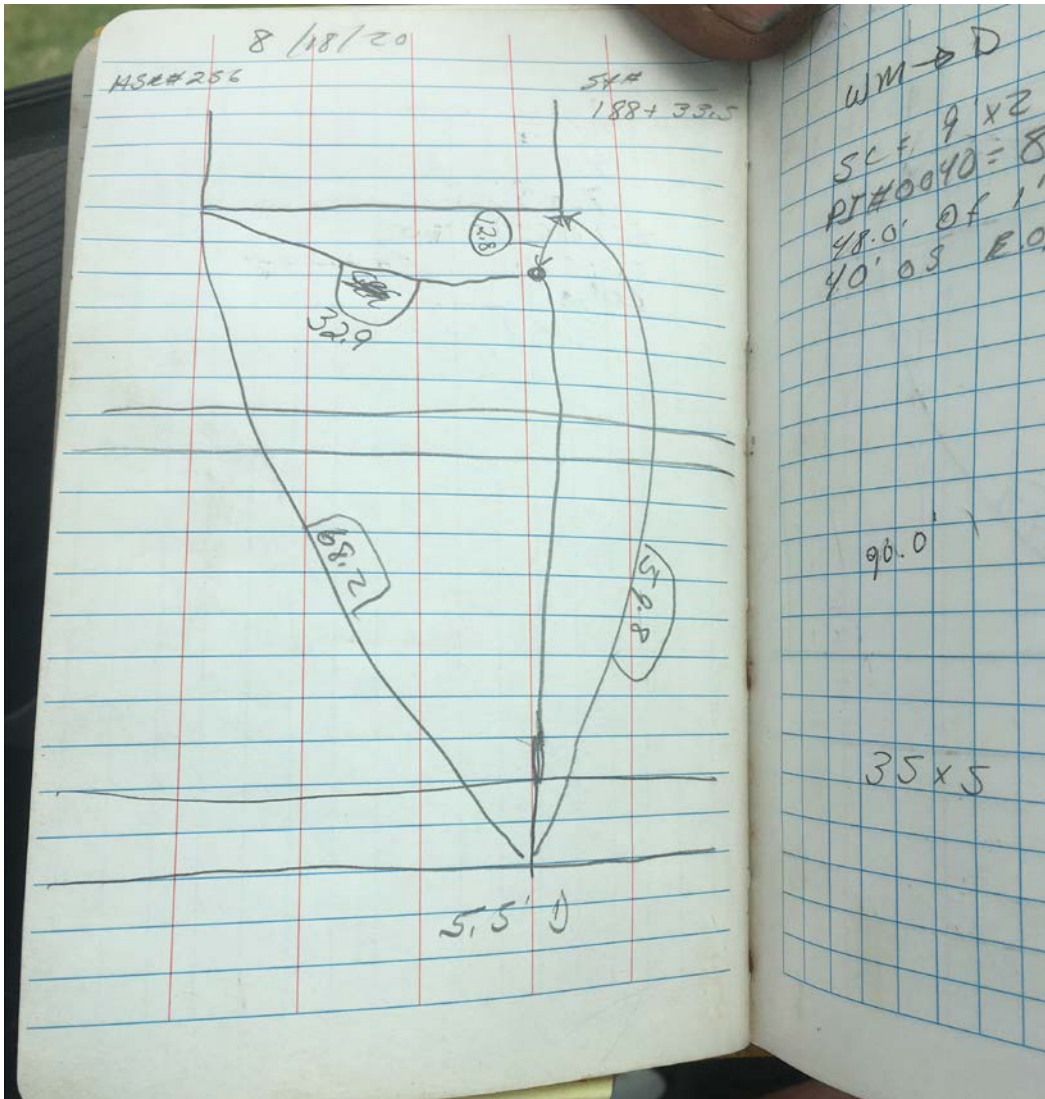


Picture 11: Ludlow measurements to curb stop, at 272 Main Street, Durham. Note that SW is for slate walkway. West is up in this diagram

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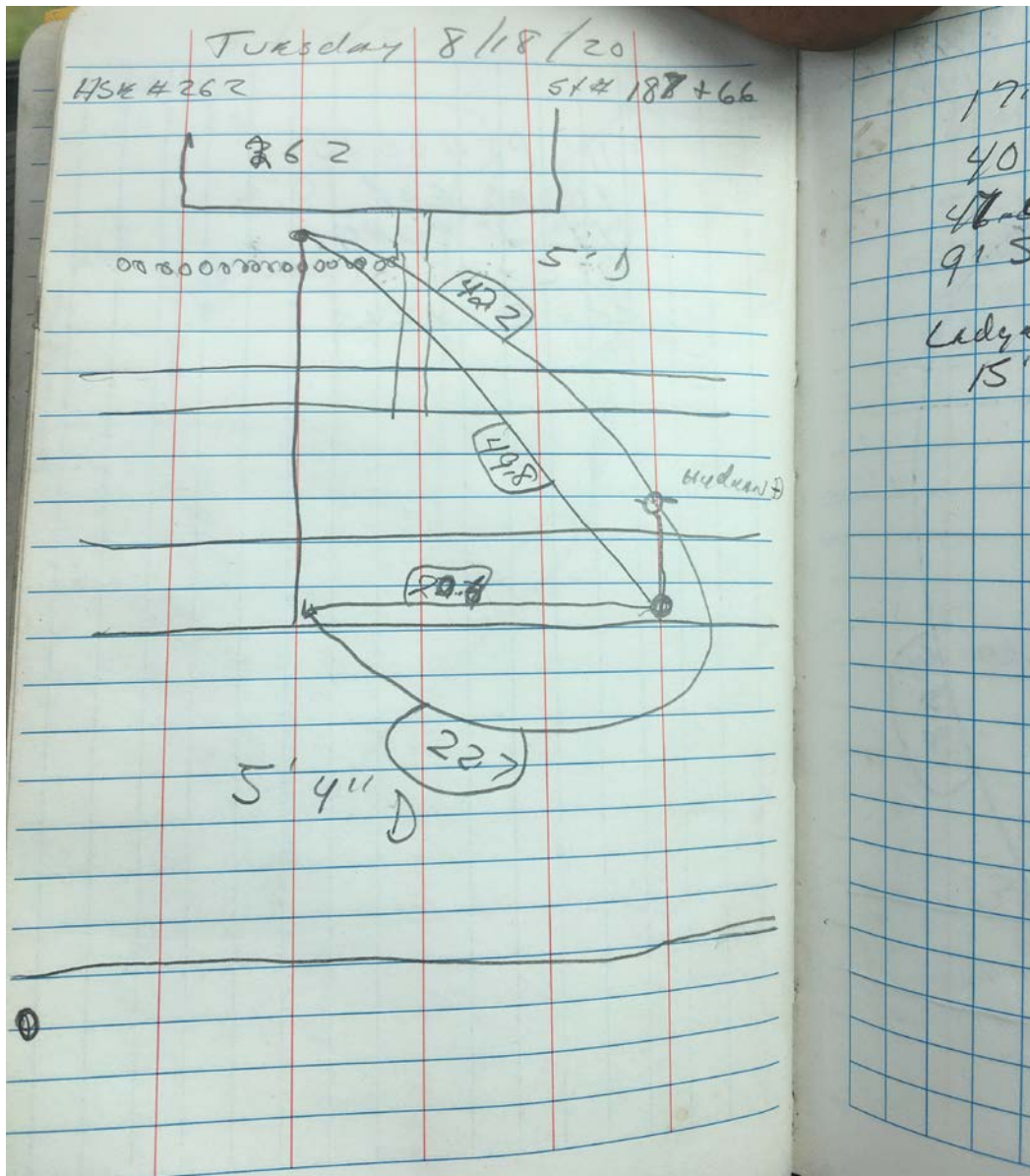


Picture 12: Thursday July 29 Installations. Ludlow measurements to curb stop at 256 Main Street, Durham. West is up in this diagram

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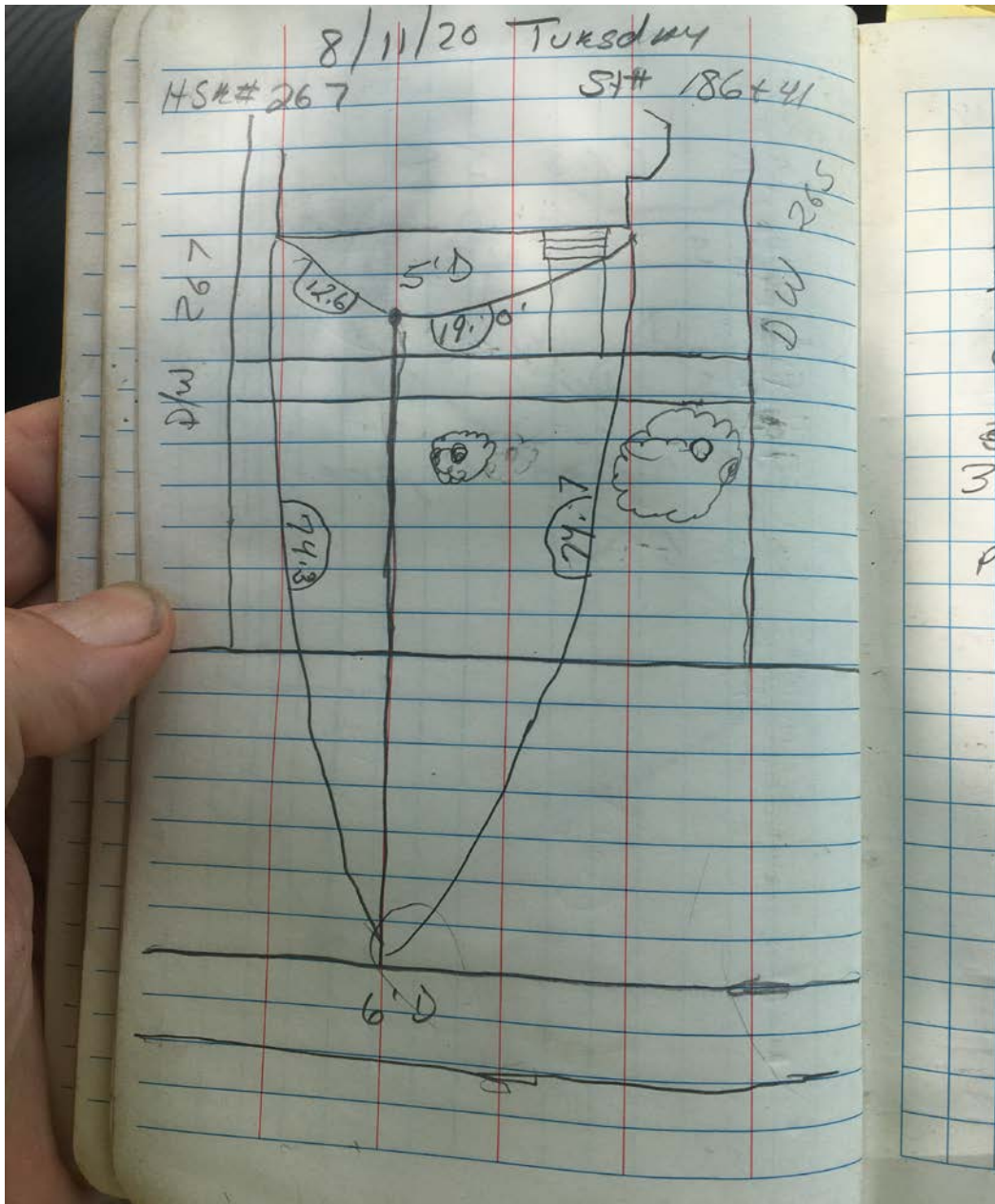
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Picture 13: Thursday July 29 Installations. Ludlow measurements to curb stop at 262 Main Street, Durham. West is up in this diagram

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Picture 14: Thursday July 29 Installations. Ludlow measurements to curb stop at 267 Main Street, Durham. East is up in this diagram

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