



GORRILL  
PALMER

## FIELD OBSERVATION REPORT

Project: Birch Lane Drainage Improvements  
Client: Town of Cumberland  
GP Field Rep: Asher J. Anderson (AJA)  
Weather: Clear  
Time onsite: 8:30 am – 9:00 am (AJA)

GPCEI Project No: 1636.55  
Visit Date: April 11, 2017  
Report Date: April 11, 2017  
Temp. Range: 65-75°F

### Storey Brothers Excavation

Crew: 1 - Foreman/Owner (Rick Story), 2 - Laborers

Equipment: 1 - Cat 930H Loader, 1 - Cat M315 Excavator, 1 - Small Plate Compactor, 2 - Trucks

Distribution: File, Bill Shane, Chris Bolduc

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### Work in Progress

- Crew was installing catch basins on the west end of the project.

### Discussions/Observation

- 8:20 am – Rick Storey (RS) contacted AJA and informed him that an 8" clay pipe had been uncovered in the trench between the two proposed catch basins. The elevation of the existing pipe placed it in direct conflict with the proposed drain line between the two catch basins. RS proposed connecting the uncovered pipe to the proposed drain line.
- 8:30 am – AJA arrived on site. AJA observed the uncovered 8" clay pipe to have a steady flow of clear water. AJA investigated both the downhill and uphill ends of the project and could not identify the origin or outlet of the uncovered pipe. There was a plugged tee in the pipe facing a nearby house. There was an 8" cast iron pipe draining to the ocean with a similar amount of flow to the uncovered pipe, but was not confirmed to be of the same origin.
- 8:40 am - Doug Reynolds contacted RS and directed him to connect the uncovered pipe to the proposed drain line.
- 8:50 am – AJA left the site.
- 12:15 pm – RS called AJA and informed him the proposed drain line stub running up the hill to the limit of box cutting was in direct conflict with the gas main. The gas main was set approximately 12" north of the sewer manhole west of the new catch basins, the location of the proposed drain line was also in this location. The gas main was set 3.5' deep, the proposed drain line would be 3.0' deep. After consultation with Doug Reynolds, AJA directed RS to plug the boot in the catch basin on the north side of the street and install the drain line stub on the south side of the street. This work would require coring a new inlet to the catch basin on the south side of the street. RS informed AJA this would place the new drain line 4', center to center, from the water main which was approximately 4' deep. This condition was discussed as acceptable.

## **Schedule of Work**

- Box cutting to begin 4/12/17

Prepared By: Asher Anderson

Reviewed By: Doug Reynolds, PE

If there are any discrepancies, please notify the sender immediately



Pipe uncovered between the two proposed catch basins.



Pipe uncovered between the two proposed catch basins.