



65 Network Drive
Burlington, MA 01803
Phone (781)-221-1000
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City/State: Millbury, MA
Engineer: Alpha Omega Engineering (AOE)
Project: 44 Davis Road Site Plan (No. 17941041)

Site Inspection Report

Date: Wednesday, December 29, 2021
Weather: 30s°, Cloudy

Contractor's Equipment: Excavator

Engineer Personnel: Raouf Mankaryous, Project Engineer

1. General Site Observations:

- Met onsite with project engineer from AOE
- Reviewed sketch plan (attached) to determine location of test pits to be performed at proposed subsurface infiltration system and proposed two drywell locations.
- Roof runoff will discharge to drywells and driveway runoff to subsurface infiltration system.

2. Test Pit No.1 (Subsurface Infiltration System Area)

- Excavated a 3-foot width by 8-foot length observation pit.
- No groundwater was observed at 108 inches (bottom of excavation)
- Estimated seasonal high ground water was observed by mottling at 60-inches
- Project engineer agreed to provide test pit log information to Town and Stantec.
- Test pit was backfilled after completed

Test Pit No.1			
Depth (in.)	Soil Horizon	Soil Texture	Soil Matrix
0"-6"	Ap	Sandy Loam	Report by AOE
6"-28"	Bw	Sandy Loam	Report by AOE
28"-60"	C1	Sandy Loam	Report by AOE
60"-108"	C2	Loamy Sand	Report by AOE

Estimated seasonal high groundwater observed by mottling at 60-inches

3. Test Pit No.2 (Drywell Area)

- Excavated a 3-foot width by 9-foot length observation pit.
- No groundwater or mottling was observed at 96 inches (bottom of excavation)
- Project engineer agreed to provide test pit log information to Town and Stantec.
- Test pit was backfilled after completed

Test Pit No.2			
Depth (in.)	Soil Horizon	Soil Texture	Soil Matrix
0"-8"	Ap	Sandy Loam	Report by AOE
8"-24"	Bw	Sandy Loam	Report by AOE
24"-72"	C1	Sand	Report by AOE
72"-96"	C2	Loamy Sand	Report by AOE

No groundwater or mottling was observed at 96-inches

4. General Site photos are attached.



TEST PIT NO.1



TEST PIT NO.2

By: David Glenn (Stantec)

David Glenn