

AL



1285 Washington Street,
 Weymouth, MA 02189
 Phone: 781-335-1464

June 4, 2021

Chair, Conservation Commission
 Department of Planning and Community Development
 75 Middle Street,
 Weymouth, MA 02189



RE: 1183 Main St
 Notice of Intent

Dear Members:

Attached, please find revised plans for the referenced filing. The revisions were a result of staff comments as well as input from the recent public meeting.

The revisions include increasing the width of the proposed rain garden to ten feet and altering the pavement layout to provide the five parking spaces that the applicant requires.

Additionally, a test pit was excavated to determine soil type and groundwater elevation. Groundwater was observed at a depth of 72-inches. Based on this, the chamber type was modified. The chamber layout was also modified by adding a second system to better accommodate downspout locations.

If you have any further questions regarding this matter, please feel free to contact me at 781-335-1464. We look forward to discussing this project at the public hearing.

Sincerely,

Shawn P. Hardy, PE
 Managing Partner



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number: 1 Hole # 5/21/2021 Date 8:30 AM Time Sunny 60 Weather Latitude Longitude: +/- 5

1. Land Use Commercial lot (e.g., woodland, agricultural field, vacant lot, etc.) none @TP Vegetation N/A Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: _____

2. Soil Parent Material: Urban land Landform _____ Position on Landscape (SU, SH, BS, FS, TS) _____

3. Distances from: Open Water Body _____ feet Drainage Way _____ feet Wetlands +/- 50 feet
Property Line +/- 15 feet Drinking Water Well _____ feet Other _____ feet

4. Unsuitable Materials Present: Yes No If Yes: Disturbed Soil Fill Material Weathered/Fractured Rock Bedrock

5. Groundwater Observed: Yes No If Yes: 72" Depth Weeping from Pit 98" Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
0-44	fill										gravel/boulders/wood
44-52	Ao	Loamy	2.5Y 3/3								organics
52-120	C	Fine S	2.5Y 5/2				<5			caving	Boulders Downhill side had CSE S

Additional Notes:
Weeping @72", Standing @98" (after caving). Down slope end of pit had CSE sand at +/- 100 inches