


Part B

Site Evaluation - to be completed by Class II or III Designer or Soil Evaluator

Please use the area below to locate:

1. Test holes
2. Approximate direction of due north
3. Offsets from test holes to fixed points such as street, utility pole, or other permanent, marked object

Key:



- Approximate location of test holes
- Estimated gradient and direction of slope
- Approximate direction of due north

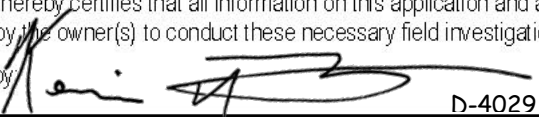
Not to Scale

1. Relief and Slope: _____
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes: YES NO If yes, locate on above sketch.
3. Presence of existing or proposed private drinking water wells within 200 feet of test holes: YES NO If yes, locate on above sketch.
4. Public drinking water wells within 500 feet of test holes: YES NO If yes, locate on above sketch.
5. Is site within the watershed of a public drinking water reservoir or other critical area defined in SD 19.00? YES NO
6. Has soil been excavated from or fill deposited on site? YES NO If yes, locate on above sketch **Excavated and Filled**
7. Site's potential for flooding or ponding: NONE SLIGHT MODERATE SEVERE
8. Landscape position: _____
9. Vegetation: _____
10. Indicate approximate location of property lines and roadways.
11. Additional comments, site constraints or additional information regarding site: _____

The soil evaluation results will provide soil texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment techniques. No lab analysis of soil material is proposed to verify qualitative estimates in the field. To definitively determine the actual depth to the SHWT, it is necessary to install monitoring wells/pipes and record water level fluctuations over a long time period. No long-term monitoring is proposed. Original soil texture and SHWT estimates may need to be revised based upon additional information from other soil evaluations, excavations, and/or bottom inspections prior to the OWTS installation or drainage structure installation. Soil evaluations for septic system design only, not for foundation elevation.

Certification

The undersigned hereby certifies that all information on this application and accompanying forms, submittals and sketches are true and accurate and that I have been authorized by the owner(s) to conduct these necessary field investigations and submit this request.

Part A prepared by:  License # **D-4029**

Part B prepared by: _____ Signature _____ License # _____

FOR OFFICE USE ONLY

Decision: Approved Disclaimed

Comments: _____

Signature Authorized Agent _____ Date _____



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management

Office of Water Resources



Site Evaluation Form
Part A - Soil Profile Description

Application Number Drainage

Property Owner: Calise Development, LLC

Property Location: Warren Avenue, AP 18 Lot 714, Cranston

Date of Test Hole: March 22, 2024

Soil Evaluator: Kevin Fetzer License Number: D-4029

Weather: Sunny Shaded: Yes [X] No [] Time: 0900

Table with columns: TH Horizon, Depth, Horizon Boundaries (Dist, Topo), Soil Colors (Matrix, Re-Dox Features), Re-Dox Description (Ab., S., Con.), Texture, Structure, Consistence, in/hr ft/min. Contains two soil profile sections (TH 1 and TH 2) with multiple horizons.

Soil Class: Aeolian over Outwash Total Depth of each Test Hole: 96" - 108"

Depth to Groundwater Seepage: SE-1 = 38" SE-2 44" Depth to Impervious or Limiting Layer: None Encountered

Estimated Seasonal High Water Table: SE-1 = 12" SE-2 16" Comments: Base of Hill - Low elevation - evidence of flooding

Pipes read 3/24, 3/25 & 3/26. Evidence of groundwater at the surface of pipes following rainfall.

Readings: 3/24 SE-1 @ 28" SE-2 @ 27" : 3/25 SE-1 @ 48" SE-2 @ 32" : 3/26 SE-1 @ 39" SE-2 @ 37"




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  	<p>Approximate location of test holes</p> <p>Estimated gradient and direction of slope</p> <p>Approximate direction of due north</p>
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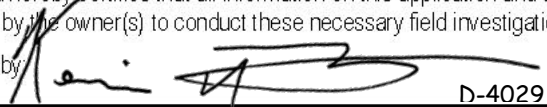
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1. Relief and Slope: _____
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes: YES NO If yes, locate on above sketch.
3. Presence of existing or proposed private drinking water wells within 200 feet of test holes: YES NO If yes, locate on above sketch.
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Site Evaluation Form
Part A - Soil Profile Description

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Date of Test Hole: March 22, 2024

Soil Evaluator: Kevin Fetzer License Number: D-4029

Weather: Sunny Shaded: Yes [X] No [] Time: 0900

Table with 12 columns: TH Horizon, Depth, Horizon Boundaries (Dist, Topo), Soil Colors (Matrix, Re-Dox Features), Re-Dox Description (Ab., S., Con.), Texture, Structure, Consistence, in/hr ft/min. Contains two soil profile sections (TH 3 and TH 4).

Soil Class: Aeolian over Ice Contact Total Depth of each Test Hole: 144" - 180"

Depth to Groundwater Seepage: SE-3 = 130" : SE-4 @ 170" Depth to Impervious or Limiting Layer: None Encountered

Estimated Seasonal High Water Table: SE-3 = 108" : SE-4 @ 149" Comments: Pipes read on 3/24, 3/25 & 3/26

Readings: 3/24 SE-3 @ 108" SE-4 @ 162" : 3/25 SE-3 @ 108" SE-4 @ 149" : 3/26 SE-3 @ 108" SE-4 @ 149"

Higher elevation on property. Loose gravelly sand parent material.




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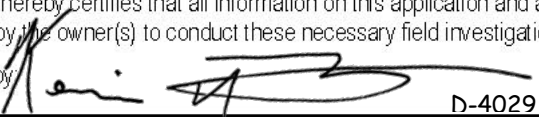
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Site Evaluation Form
Part A - Soil Profile Description

Application Number Drainage

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Date of Test Hole: March 22, 2024

Soil Evaluator: Kevin Fetzer License Number: D-4029

Weather: Sunny Shaded: Yes [X] No [] Time: 0900

Table with 12 columns: TH Horizon, Depth, Horizon Boundaries (Dist, Topo), Soil Colors (Matrix, Re-Dox Features), Re-Dox Description (Ab., S., Con.), Texture, Structure, Consistence, in/hr ft/min. Contains data for two soil profiles (TH 5 and TH 6).

Soil Class: Aeolian over Ice Contact Total Depth of each Test Hole: 180" - 160"

Depth to Groundwater Seepage: SE-5 = 160" SE-6 @ 140" Depth to Impervious or Limiting Layer: None Encountered

Estimated Seasonal High Water Table: SE-5 = 140" : SE-6 = 110" Comments: Pipes read 3/24, 3/25 & 3/26.

Readings: 3/24 SE-5 @ 141" SE-6 @ 109" : 3/25 SE-5 @ 140" SE-6 @ 112" : 3/26 SE-5 @ 140" SE-6 @ 110"

Highest elevation on property. Loose gravelly sand parent material.