

**On-Site Review  
Form 11 & 12  
Middleborough, Massachusetts**

Site Address/Parcel ID 665 Wareham Street Owner Name Patricia DiSantis

New Construction  Upgrade  Repair

Soil Survey Available? Yes  No  Source NRCS Web Soil Survey Soil Map Unit 323B  
 Soil Name Poquonock sand Parent Material Sandy eolian deposits Landform Ground moraines  
 Land Use Vacant Lot Slope (%) 3-8 Surface Stones Some Vegetation Oak & Pine Trees  
 Current Water Resource Conditions (USGS): Date: May 2023 Range: Above Normal

Deep Hole Number TP-1 Date 5/4/2023 Time 8:00 am Weather Rain 50°  
 Distance From: Open Water Body 400'+ Drainage Way 100'+ Wetlands 100'+  
 Property Line 50'+ Drinking Water Well 100'+ Other None  
 Unsuitable Material Present? Yes  No  If Yes: Disturbed Soil  Fill Material  Bedrock   
 Groundwater Observed? Yes  No  If Yes: Depth to Weeping None Depth to Standing None  
 Estimated Depth to High Groundwater Mottles @ 106"

SOIL LOG					
Depth (in)	Soil Horizon/ Layer	Soil Texture	Soil Color (Munsell)	Mottles	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-8	A	Sandy Loam	10YR 3/3	None	
8-26	B	Sandy Loam	10YR 4/6	None	
26-132	C	Loamy Sand	2.5Y 6/3	@ 106"	

Deep Hole Number TP-2 Date 5/4/2023 Time 9:00 am Weather Rain 50°  
 Distance From: Open Water Body 400'+ Drainage Way 100'+ Wetlands 100'+  
 Property Line 50'+ Drinking Water Well 100'+ Other None  
 Unsuitable Material Present? Yes  No  If Yes: Disturbed Soil  Fill Material  Bedrock   
 Groundwater Observed? Yes  No  If Yes: Depth to Weeping 66" Depth to Standing None  
 Estimated Depth to High Groundwater Mottles @ 58"

SOIL LOG					
Depth (in)	Soil Horizon/ Layer	Soil Texture	Soil Color (Munsell)	Mottles	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-8	A	Sandy Loam	10YR 3/3	None	
8-38	B	Sandy Loam	10YR 4/6	None	
38-120	C	Loamy Sand	2.5Y 6/3	@ 58"	

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Soil Survey Available? Yes  No  Source NRCS Web Soil Survey Soil Map Unit 659B  
 Soil Name Udorthents Parent Material Coarse-loamy human transported material Landform Ground Moraine  
 Land Use Vacant Lot Slope (%) 0-8 Surface Stones Some Vegetation Oak & Pine Trees  
 Current Water Resource Conditions (USGS): Date: May 2023 Range: Above Normal

Deep Hole Number TP-3 Date 5/4/2023 Time 10:02 am Weather Rain 50°  
 Distance From: Open Water Body 400'+ Drainage Way 100'+ Wetlands 100'+  
 Property Line 50'+ Drinking Water Well 100'+ Other None  
 Unsuitable Material Present? Yes  No  If Yes: Disturbed Soil  Fill Material  Bedrock   
 Groundwater Observed? Yes  No  If Yes: Depth to Weeping 120" Depth to Standing None  
 Estimated Depth to High Groundwater Mottles @ 104"

SOIL LOG					
Depth (in)	Soil Horizon/ Layer	Soil Texture	Soil Color (Munsell)	Mottles	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-8	A	Sandy Loam	10YR 3/3	None	
8-22	B	Loamy Sand	10YR 5/6	None	
22-52	C <sub>1</sub>	Coarse Sand & Gravel	2.5Y 5/3	None	
52-138	C <sub>2</sub>	Medium Sand	2.5Y 6/3	@ 104"	

Deep Hole Number TP-4 Date 5/4/2023 Time 10:48 am Weather Rain 50°  
 Distance From: Open Water Body 400'+ Drainage Way 100'+ Wetlands 100'+  
 Property Line 50'+ Drinking Water Well 100'+ Other None  
 Unsuitable Material Present? Yes  No  If Yes: Disturbed Soil  Fill Material  Bedrock   
 Groundwater Observed? Yes  No  If Yes: Depth to Weeping 92" Depth to Standing None  
 Estimated Depth to High Groundwater Mottles @ 68"

SOIL LOG					
Depth (in)	Soil Horizon/ Layer	Soil Texture	Soil Color (Munsell)	Mottles	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-8	A	Sandy Loam	10YR 3/3	None	
8-108	C	Coarse Sand & Gravel	2.5Y 5/3	@ 68"	



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PERCOLATION TEST		
Date: 5/4/2023		Time: 8:00 a.m.
Deep Hole Number	TP-1	TP-2
Depth of Perc.	28" – 46"	36" – 54"
Start Pre-Soak	8:00	9:00
End Pre-Soak	8:15	9:15
Time at 12"	8:15	9:15
Time at 9"	8:28	9:24
Time at 6"	8:48	9:39
Time (9"-6")	20 min	15 min
Rate (Min./Inch)	7 MPI	5 MPI

PERCOLATION TEST		
Date: 5/4/2023		Time: 10:02 a.m.
Deep Hole Number	TP-2	TP-3
Depth of Perc.	48" – 66"	36" – 54"
Start Pre-Soak		
End Pre-Soak		
Time at 12"		
Time at 9"		
Time at 6"		
Time (9"-6")		
Rate (Min./Inch)	2 MPI	2 MPI

PERCOLATION TEST		
Date: 5/4/2023		Time: 11:25 a.m.
Deep Hole Number	TP-5	TP-6
Depth of Perc.	40" – 58"	38" – 56"
Start Pre-Soak	11:25	11:45
End Pre-Soak	11:40	12:00
Time at 12"	11:40	12:00
Time at 9"	11:46	12:03
Time at 6"	11:56	12:10
Time (9"-6")	10 min	7 min
Rate (Min./Inch)	4 MPI	3 MPI

Witnessed By: \_\_\_\_\_

Performed By: Jason Youngquist SE2665 Exp. 6/30/2025

Signature \_\_\_\_\_ Date 5-10-23

