



**SOIL LOGS**

Date: October 18, 2016  
 Performed by: Vasil Kappatos  
 Method: Soil boring with hand auger  
 Surroundings: Maintained lawn area

Depth (in) below existing grade	Soil Description
0	Dark brown (10YR 3/3) sandy loam; weak subangular blocky structure; very friable
7	Variegated grayish-brown (10YR 5/2) and yellowish-brown (10YR 5/6) sandy clay; subangular blocky structure; friable
20	Variegated light yellowish-brown (10YR 6/4) and brown (7.5YR 4/4) sandy clay loam; subangular blocky structure; friable; saturated from 25-29 inches
29	Variegated gray (10YR 5/1), yellowish-red (5YR 4/6), and brownish-yellow (10YR 6/8) clay; angular blocky structure; very firm
81	Variegated dark reddish-gray (2.5YR 3/1) and yellowish-brown (7.5YR 4/4) clay; angular blocky structure; very firm
128	Dark reddish-gray (2.5YR 3/1) clay; angular blocky structure; very firm
162+	Dark reddish-gray (2.5YR 3/1) clay; angular blocky structure; very firm

Depth (in) below existing grade:  
 Zone of Saturation (perched): 25-29  
 Regional Ground Water Table: >162  
 Hydraulically Restrictive Horizon(s): 29-162

MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. 553 BECKETT ROAD, SUITE 608 SWEDENBORO, N.J. 08865  
 Cherry Hill Land Rover Block 148.01, Lot 12 Township of Cherry Hill Camden County, New Jersey  
 SOIL LOG SB-1 Job No.: MBL001.01

Date: October 18, 2016  
 Performed by: Vasil Kappatos  
 Method: Soil boring with hand auger  
 Surroundings: Maintained lawn area

Depth (in) below existing grade	Soil Description
0	Dark brown (10YR 3/3) loam; weak subangular blocky structure; very friable
5	Yellowish-brown (10YR 5/6) sandy loam; weak subangular blocky structure; firm in place; friable when removed
16	Yellowish-brown (10YR 5/4) loamy sand; weak subangular blocky structure; very friable
28	Variegated light yellowish-brown (10YR 6/4), brown (7.5YR 4/4), and very dark grayish-brown (10YR 3/2) sandy clay loam; subangular blocky structure; friable
39	Variegated strong brown (7.5YR 5/6) and gray (10YR 5/1) sandy clay loam; subangular blocky structure; friable; sticky; 10% medium rounded quartzose gravel; saturated
54	Variegated dark brown (7.5YR 3/4), yellowish-brown (10YR 5/4), and yellowish-red (5YR 4/8) sandy clay loam; subangular blocky structure; friable; sticky; 10% medium rounded quartzose gravel; saturated
73	Variegated gray (10YR 5/1) and yellowish-red (5YR 4/8) clay; angular blocky structure; very firm
120+	Variegated gray (10YR 5/1) and yellowish-red (5YR 4/8) clay; angular blocky structure; very firm

Depth (in) below existing grade:  
 Zone of Saturation (perched): 39-73  
 Regional Ground Water Table: >120  
 Hydraulically Restrictive Horizon(s): 54-120

MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. 553 BECKETT ROAD, SUITE 608 SWEDENBORO, N.J. 08865  
 Cherry Hill Land Rover Block 148.01, Lot 12 Township of Cherry Hill Camden County, New Jersey  
 SOIL LOG SB-2 Job No.: MBL001.01

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**CHERRY HILL**  
 BLOCK 133.01, LOT 1, BLOCK 133.01, LOTS 9 & 10, BLOCK 148.01, LOT 12  
 TOWNSHIP OF CHERRY HILL, CAMDEN COUNTY, NEW JERSEY

**GRADING PLAN - WEST PORTION**

**M.B.J. ASSOCIATES, LLC**  
 CHERRY HILL TOWNSHIP, NEW JERSEY 08002

DATE	ISSUE NO.	DESCRIPTION	BY	APPR.
2/14/2020	2	RESPONSE TO TOWNSHIP COMPLETENESS REVIEW	JTS	JTS
9/27/2019	1	INITIAL SUBMISSION	JTS	JTS

PROJECT NO: MBL001.03  
 SCALE: 1" = 20'  
 SHEET: 8 OF 24  
**C0301**

**811**  
 Know what's below. Call before you dig.

1. EXISTING UTILITY INFORMATION SHOWN ON THESE PLANS IS FURNISHED BY THE UTILITY COMPANIES AND/OR THE SURVEYOR AND THE ACCURACY THEREOF IS NOT THE RESPONSIBILITY OF SCIULLO ENGINEERING SERVICES, LLC. IT IS THE RESPONSIBILITY OF THE OWNERS AND/OR CONTRACTOR TO CALL 1-800-272-1000 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

2. THESE PLANS ARE NOT FOR CONSTRUCTION UNTIL "ISSUED FOR CONSTRUCTION" APPEARS IN THE TITLEBLOCK.

