FCE Project #	1501	**Date Performed:**	7/1/19
Client:	Rob and Jodi Kennedy		
Location:	12 Nolen Lane, Darien		
Observed by:	Wayne D'Avanzo		

Test Hole 1:

0-8"	Topsoil
8-38"	Dark Brown Silt and Organic
38-60"	Light Brown Gravel and Silt
No Ground Water	
Mottling @ 48"	
No Ledge	
Roots to 40"	

Test Hole 2:

0-8"	Topsoil
8-28"	Dark Brown Silt and Organic
28-60"	Light Brown Gravel and Silt
No Ground Water	
No Mottling	
No Ledge	
Roots to 55"	

Test Hole 3:

0-8"	Topsoil
8-22"	Dark Brown Silt and Organic
22-36"	Light Brown Gravel and Silt
No Ground Water	
Mottling @ 23"	
No Ledge	
Roots to 23"	

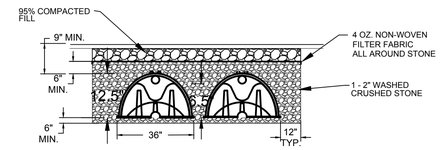
Conducted by:	Others	Project:	1501
Location:	12 Nolen Lane	Town:	Darien
Client :	Rob and Jodi Kennedy	Date:	7/1/19

Weather conditions prior to and during tests:
Clear

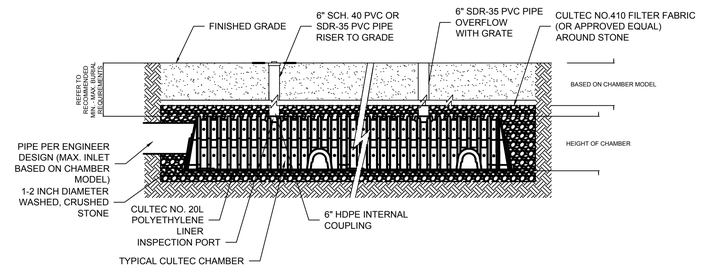
Single Lot:	X	Subdivision:	
Diameter of Hole:	8"	Depth of Hole:	32"

PT-1 **Design**
Pre-Soak @: 11:00 AM **1"/30 Min**

Time	Time Increment	Depth to Water	Drop in inches	Soil Percolation Rate Time to drop 1 inch
12:10 PM	----	4"	----	----
12:20 PM	10 Min.	8 1/4"	5"	2.0 Min.
12:30 PM	10 Min.	11 1/4"	1 1/2"	6.7 Min.
12:40 PM	10 Min.	12 3/4"	1"	10.0 Min.
12:50 PM	10 Min.	13 3/4"	1/2"	20.0 Min.
1:00 PM	10 Min.	14 1/4"	3/8"	26.7 Min.
1:10 PM	10 Min.	14 5/8"	3/8"	26.7 Min.



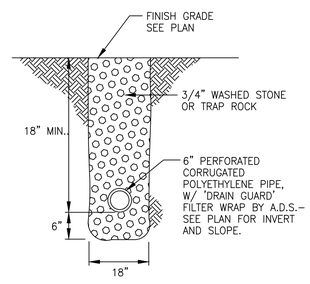
CULTEC CONTACTOR C-100
TYPICAL CROSS SECTION



NUMBER OF UNITS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

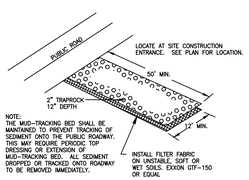
CULTEC INSPECTION PORT AND OVERFLOW

(AS APPLICABLE)



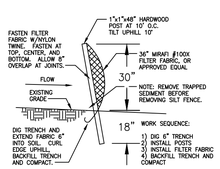
CURTAIN DRAIN

NOT TO SCALE



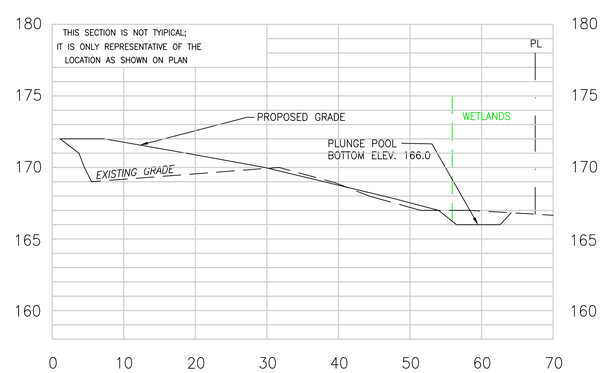
MUD-TRACKING BED

NOT TO SCALE



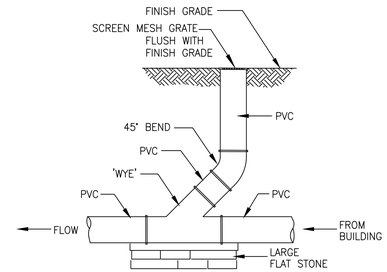
SILT FENCE

NOT TO SCALE



SECTION A-A

SCALE- H: 1"-10'
V: 1"-5'

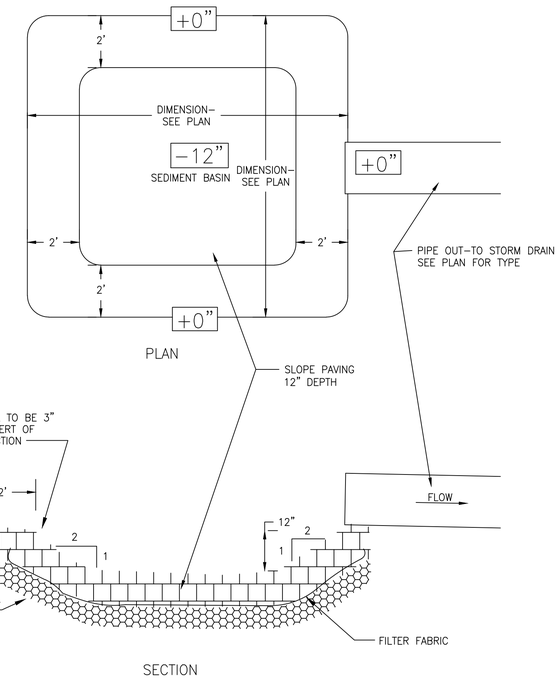


TYPICAL CLEANOUT

NOT TO SCALE

CONSTRUCTION SEQUENCE

1. Install silt fencing and other erosion controls as shown on plan to protect wetlands.
2. Install mud anti tracking pad as shown on plan. Call for inspection by EPC staff.
3. Remove existing RCP pipe as necessary. Install new sections of RCP pipe.
4. Carefully remove topsoil from wetlands area in areas as needed per the plan, and stockpile for re-use in re-graded area.
5. Install pipe from curtain drain with rip rap as shown on plan.
6. Re-grade area as shown on plan.
7. Create plunge pool as shown on plan.
8. Remove trees, only as shown on plan. Provide tree wells for existing trees as needed.
9. Install plantings per Landscape plan.
10. Fine grade, topsoil and seed non-wetland areas.
11. Wait until planting is mature enough to prevent soil erosion, before removing silt fences. (minimum one growing season). Removal to be approved by EPC.



PLUNGE POOL (TYP.)

NOT TO SCALE

ROBERT AND JODIE STOCKER KENNEDY
12 NOLEN LANE DARIEN, CONNECTICUT

2-11-20
date

DETAIL SHEET

CIVIL ENGINEERS

1501
project

2 OF 2
sheet

FAIRFIELD COUNTY ENGINEERING L.L.C.
60 WINFIELD STREET, NORWALK, CONNECTICUT 06855 PH: (203) 831-8005 FAX: (203) 831-8006