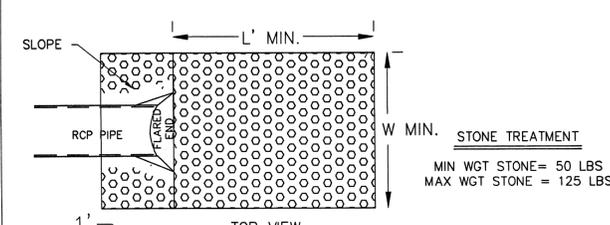
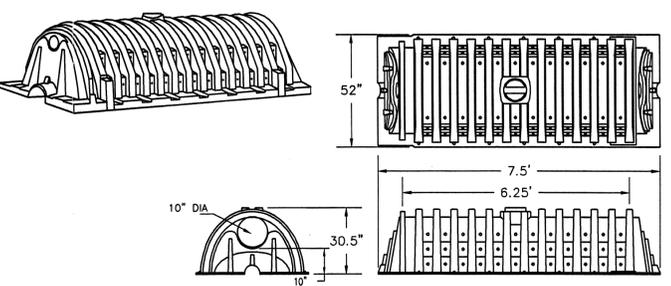


NOTE:
 1. THE USE OF FLEXIBLE CONNECTIONS IS RECOMMENDED AT THE OUTLET WHERE APPLICABLE.
 2. THE COVER SHOULD BE POSITIONED OVER THE 4" CLEANOUT/VENT PIPE AND THE 4" INLET DOWN PIPE.
 3. THE STORMCEPTOR SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: #4985148, #5498331, #5725760, #5753115, #5849181.
 4. CONTRACTOR TO PROVIDE CRANE TO SET UNIT (HEAVIEST SECTION WEIGHS 5000 LB)



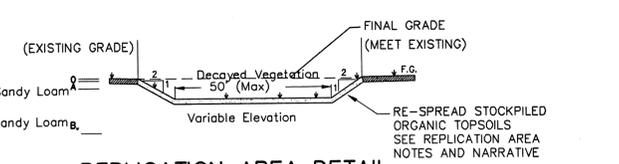
PROPOSED ELEVATIONS
 WATER TABLE 10'+ = 90.0+
 BOTTOM SYSTEM (STONE) = 92.0
 INVERT IN 10" = 93.10
 TOP OF SYSTEM = 95.0
 MIN. FINISH GRADE = 97.5±

MIN WGT STONE = 50 LBS
 MAX WGT STONE = 125 LBS

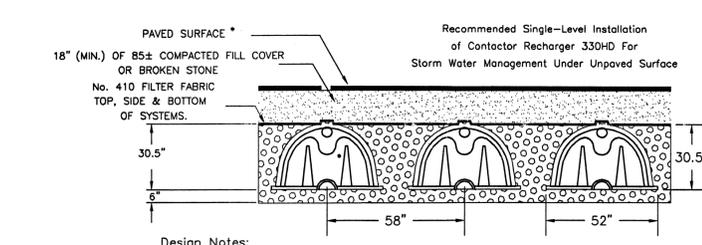
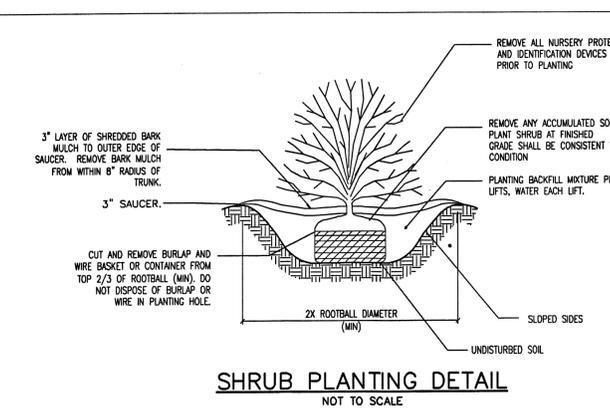
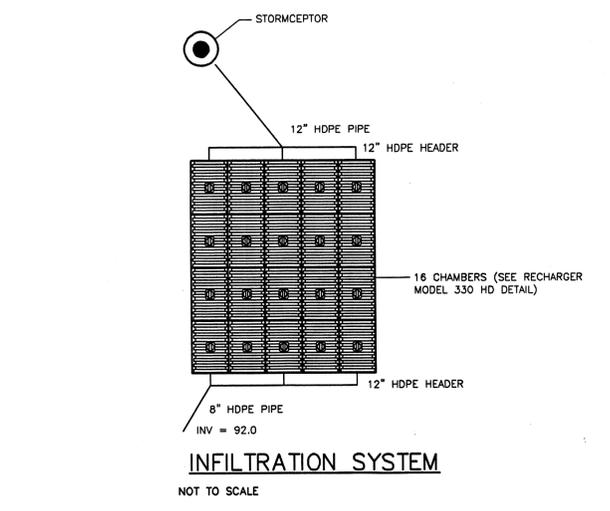


NOTE: RIP RAP TO BE CONSTRUCTED OVER 6" THICK BASE OF RIP RAP BEDDING CONSISTING OF 3/4" TO 1-1/2" CRUSHED STONE.

Common name	Scientific Name	Quantity	Size	Quantity
Shrubs				
Highbush	Vaccinium	3	2-3'	60-70' o.c.
Blueberry	Corymbosum			
Spicebush	Lindera benzoin	3	2-3'	60-70' o.c.
Winterberry	Ilex verticillata	3	2-3'	60-70' o.c.
Sweet	Clethra alnifolia	4	2-3'	60-70' o.c.
Peppercorn	Viburnum dentatum	5	2-3'	60-70' o.c.
Herbaceous				
N.E. Wetmix (wet meadow)	N/A			30 lb
Native Wildflower Mix	N/A			30 lb

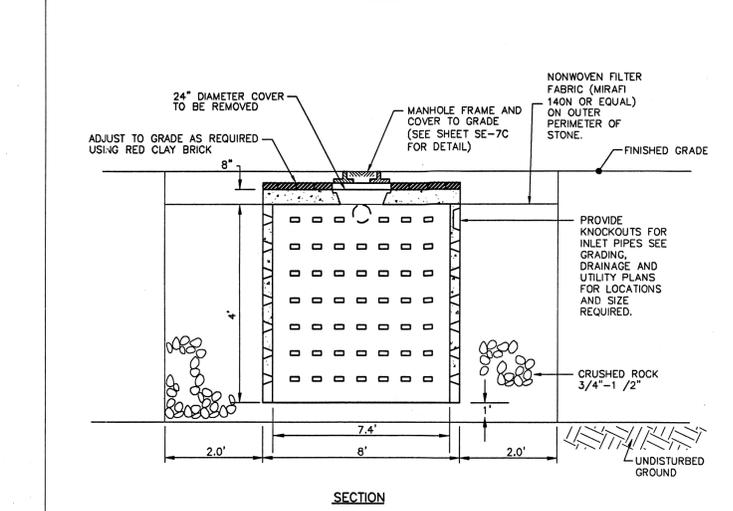
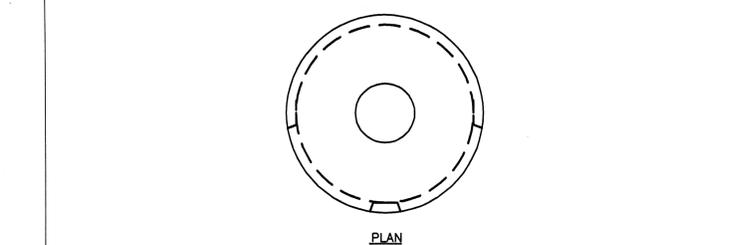


Replication Area Notes:
 1. Set hay bales as shown on plan and described in details.
 2. Save and stockpile all topsoils containing indigenous plant seeds.
 3. Excavate replication area 6" below adjacent wetland elevation as shown.
 4. Spread 4"-6" of stockpiled and imported organic peat and muck soils.
 5. Plant indigenous wetland species as shown in the table below.
 6. Spread 4"-6" of leaf mulch on surface to aid in moisture retention and provide temporary stabilization to any exposed soil surfaces.
 7. Ground cover to naturally invade replicated area.
 8. 80% of the surface area shall be reestablished with wetland species after two growing seasons.
 9. A qualified botanist shall file a report with the conservation commission describing the condition and percent of re-vegetated ground cover following the first two growing seasons. (2 reports)
 10. The replication area shall be completed prior to other work done on lot.
 11. Remove hay bales as soon as planting are complete.
 12. Contractor to call the Conservation Commission prior to removing hay bales.



Design Notes:
 • Design Unit based on recommended method of installation.
 • Capacity of void provided by stone is calculated @ 40% of total volume. **
 • Capacity of Contactor Recharger 330HD: 7.4 cubic feet per liner foot.
 • Design Unit Capacity is: 10.4 cubic feet per liner foot.
 • Total Stone Required per liner foot: 9 cubic feet
 • Total Area per linear foot: 4.83 S.F.
 • Total Area per Unit of Contactor Recharger 330HD Evaluated on Average Lay up of 6.25' of Length: 30.2 S.F.
 • 1' stone border around bed design taken into account in capacity calculations
 * Requirement for H-20 Wheel Load.
 ** Stone used for backfill of chamber should be analyzed for true capacity and percentage of variation should be taken into account.

INFILTRATION UNITS
 NOT TO SCALE



NOTES:
 CONCRETE UNITS SHALL BE MANUFACTURED BY ROTONDO PRECAST, OR AN APPROVED EQUAL AND SHALL MEET THE FOLLOWING:
 1" MIN. COVER OR A-497, 1" MIN. COVER
 CONCRETE MINIMUM STRENGTH - 5,000 P.S.I. @ 28 DAYS
 STEEL REINFORCEMENT - ASTM A-615 GR. 60, A-185, OR A-497.
 DESIGN LOADING - AASHTO HS20-44
 EARTH COVER - 0 TO 5 FEET
 CONSTRUCTION JOINT - LAPPED

PRECAST HEAVY DUTY DRY WELL DETAIL
 NOT TO SCALE

SITE DETAILS

DOMINIC CASSISI
 31 OAKDALE AVENUE
 JOHNSTON, RI. 02919

A.P. 8 LOT 49

753 FALL RIVER, SEEKONK, MA 02771

SCALE: N.T.S. DRAWN BY: CEA DATE: JAN 3, 2007
 Rev. JAN 23, 2007

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