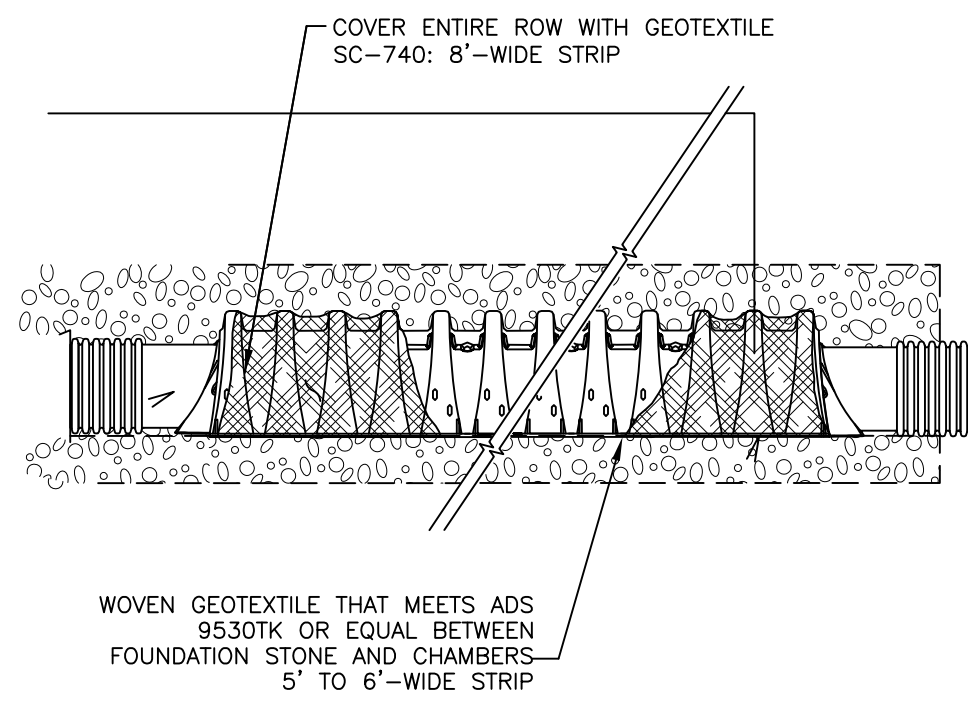
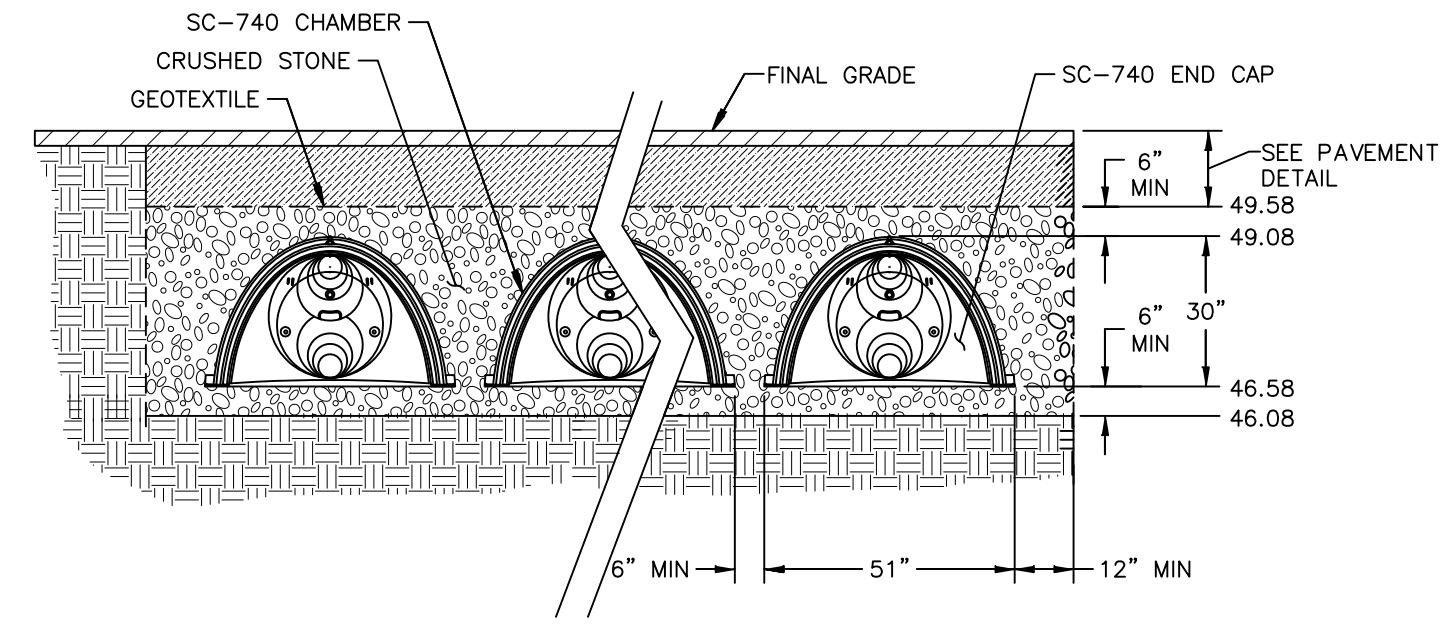


4" INSPECTION PORT DETAIL
N.T.S.



ISOLATOR ROW (SECTION C-C)
N.T.S.



STORMWATER CHAMBER INSTALLATION (SECTION D-D)
N.T.S.

GENERAL NOTES PERTAINING TO STORMTECH CHAMBERS

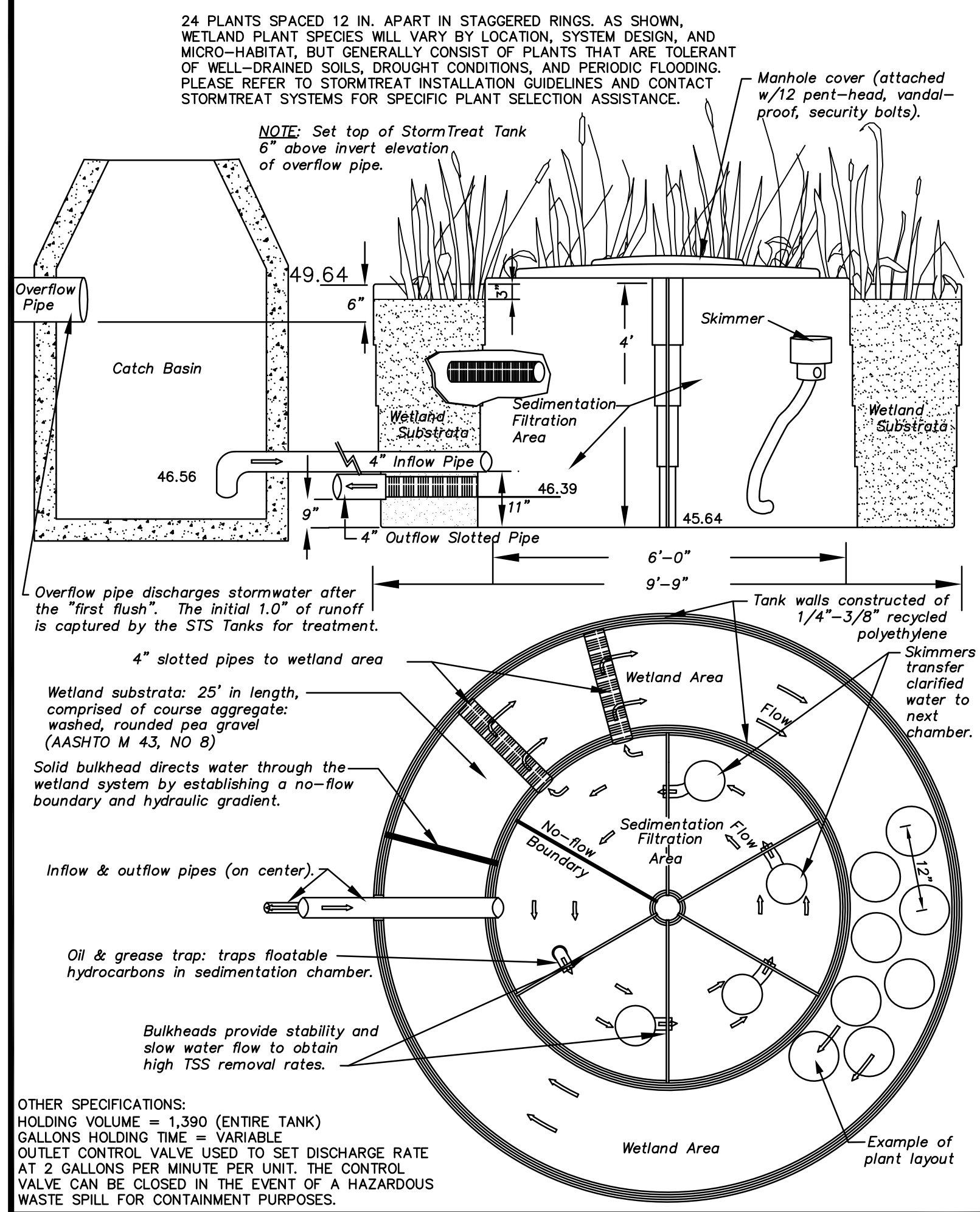
- CRUSHED STONE
CRUSHED STONE SHALL BE 3/4"-2" CLEAN, CRUSHED, ANGULAR STONE.
- GEOTEXTILE
GEOTEXTILE SHALL BE MIRAFI 160N OR EQUAL UNLESS OTHERWISE STATED.
- BEDDING MATERIAL
UNDERDRAIN BEDDING MATERIAL SHALL BE CLEAN, COARSE GRAVEL MEETING MEDOT 703.22 TYPE C (SEE TABLE THIS SHEET). BEDDING MATERIAL SHALL BE PLACED TO 4 INCHES MINIMUM BELOW UNDERDRAIN PIPING.
- STORMTECH CHAMBERS
 - MANUFACTURER: STORMTECH LLC, 20 BEAVER ROAD, SUITE 104, WETHERSFIELD, CT 06109, (888) 892-2694.
 - DETAILS ADAPTED FROM CAD DRAWINGS DOWNLOADED FROM STORMTECH LLC <WWW.STORMTECH.COM>. ACCESSED MARCH 2008.
 - CROSS SECTIONS DETAIL THE REQUIREMENTS NECESSARY TO SATISFY THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS USING STORMTECH CHAMBERS.
 - STORMTECH CHAMBERS SHALL MEET ASTM F 2418-05 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".

BEDDING GRADATION (MDOT 703.22 TYPE C)	
SIEVE SIZE	% PASSING BY WEIGHT
1"	100
3/4"	90-100
3/8"	0-75
#4	0-25
#10	0-5

A

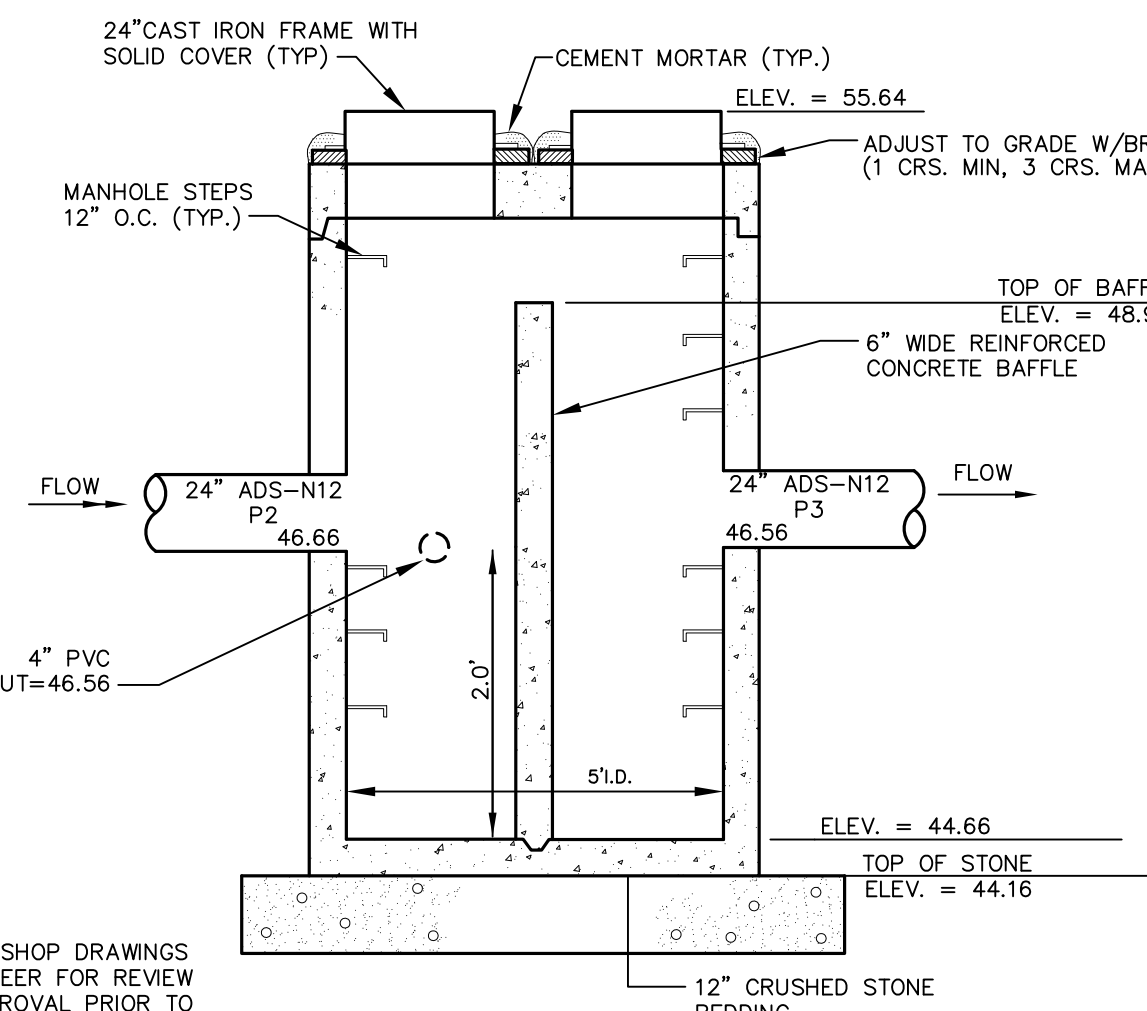
STORMTECH CHAMBER DETAILS
N.T.S.

STORMTREAT™ SYSTEMS, Inc. Specification Sheet of StormTreat System Tank



B

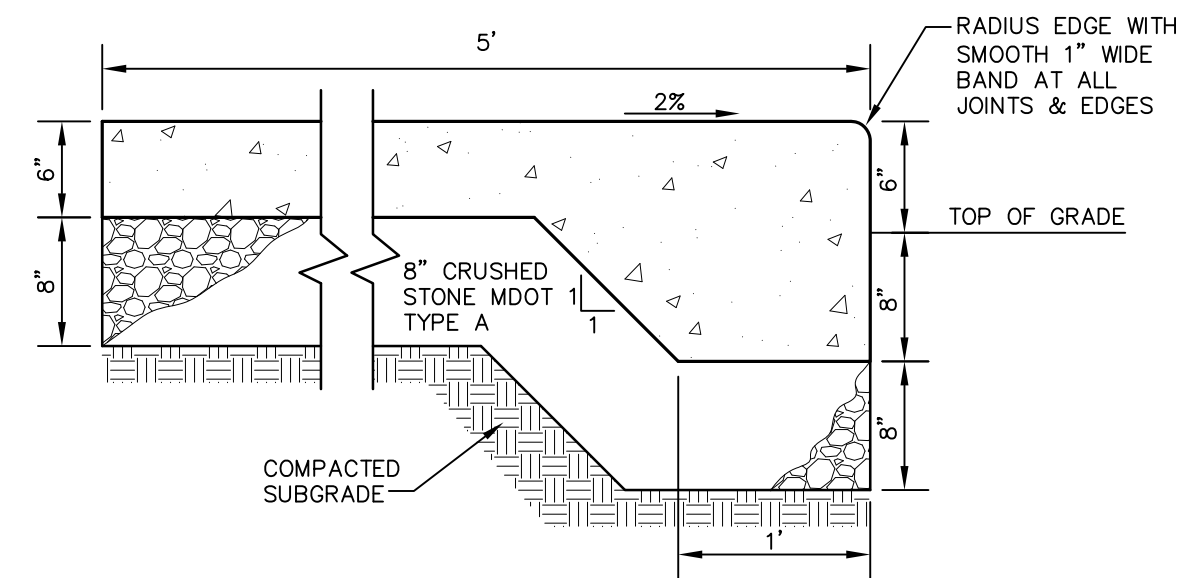
STORMTREAT UNIT DETAILS
N.T.S.



OUTLET CONTROL STRUCTURE (OCS#1)
N.T.S.

C

OUTLET CONTROL STRUCTURE (OCS#1)
N.T.S.



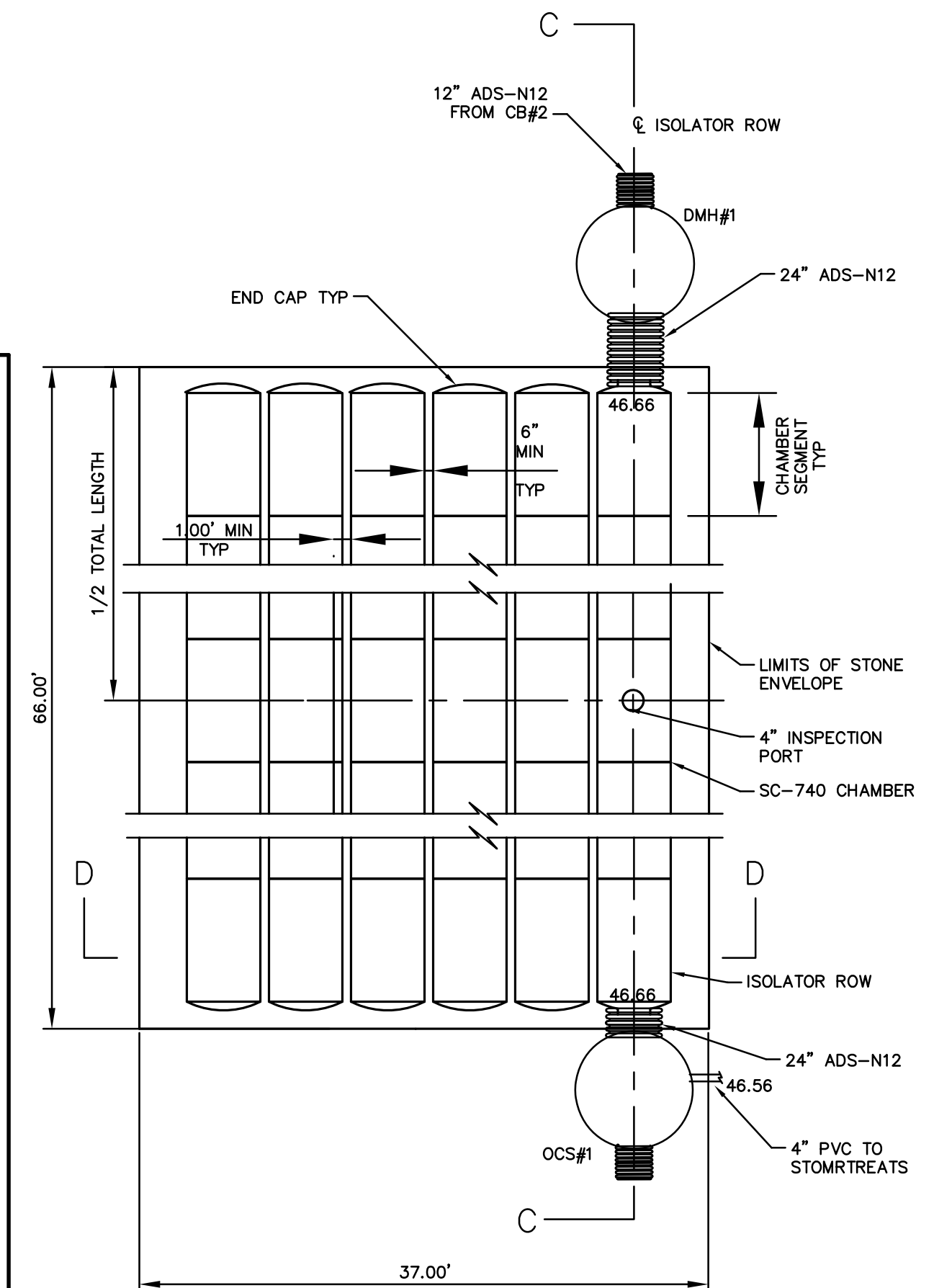
- NOTES:
- CONCRETE SHALL BE CAST-IN-PLACE 5000 PSI W/FIBER REINFORCEMENT.
 - APPLY MEDIUM BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
 - PROVIDE 1-1/2" DEEP TOOLED CONTROL JOINT PERPENDICULAR TO WALK AT 5' O.C.
 - PROVIDE EXPANSION JOINT AT 20' INTERVALS.
 - PROVIDE ISOLATION JOINT W/SELF LEVELING SEALER WHERE WALK ABUTS ANY VERTICAL SURFACE.

E

INTEGRAL CONCRETE CURB AND SIDEWALK
N.T.S.

D

STORMWATER CHAMBER LAYOUT
N.T.S.

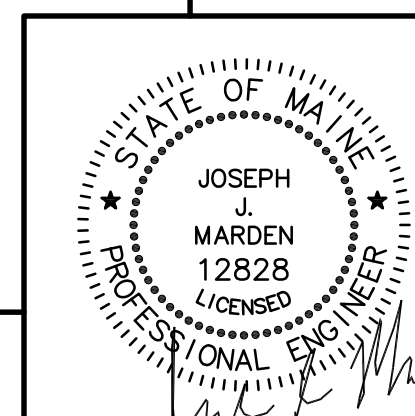


1. 05/19/14 SUBMITTED TO CITY AND MDEP JUM

TITLE: **STORMWATER DETAILS**

PROJECT: **PROPOSED BUILDING EXPANSION
185 RAND ROAD, PORTLAND, ME 04102**

OWNER: **OLD DOMINION FREIGHT LINES, INC.
500 OLD DOMINION WAY, THOMASVILLE, NC 27360**



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FIELD WK: JUM/MC SCALE: NTS SHEET:
DRN BY: RPL JOB #: 2454
CHD BY: CYN MAP/LOT: 254/A007001
DATE: 02/26/14 FILE: 2454-COVER-DET

C6