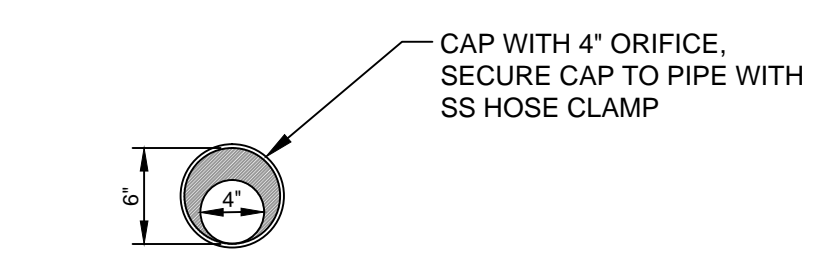


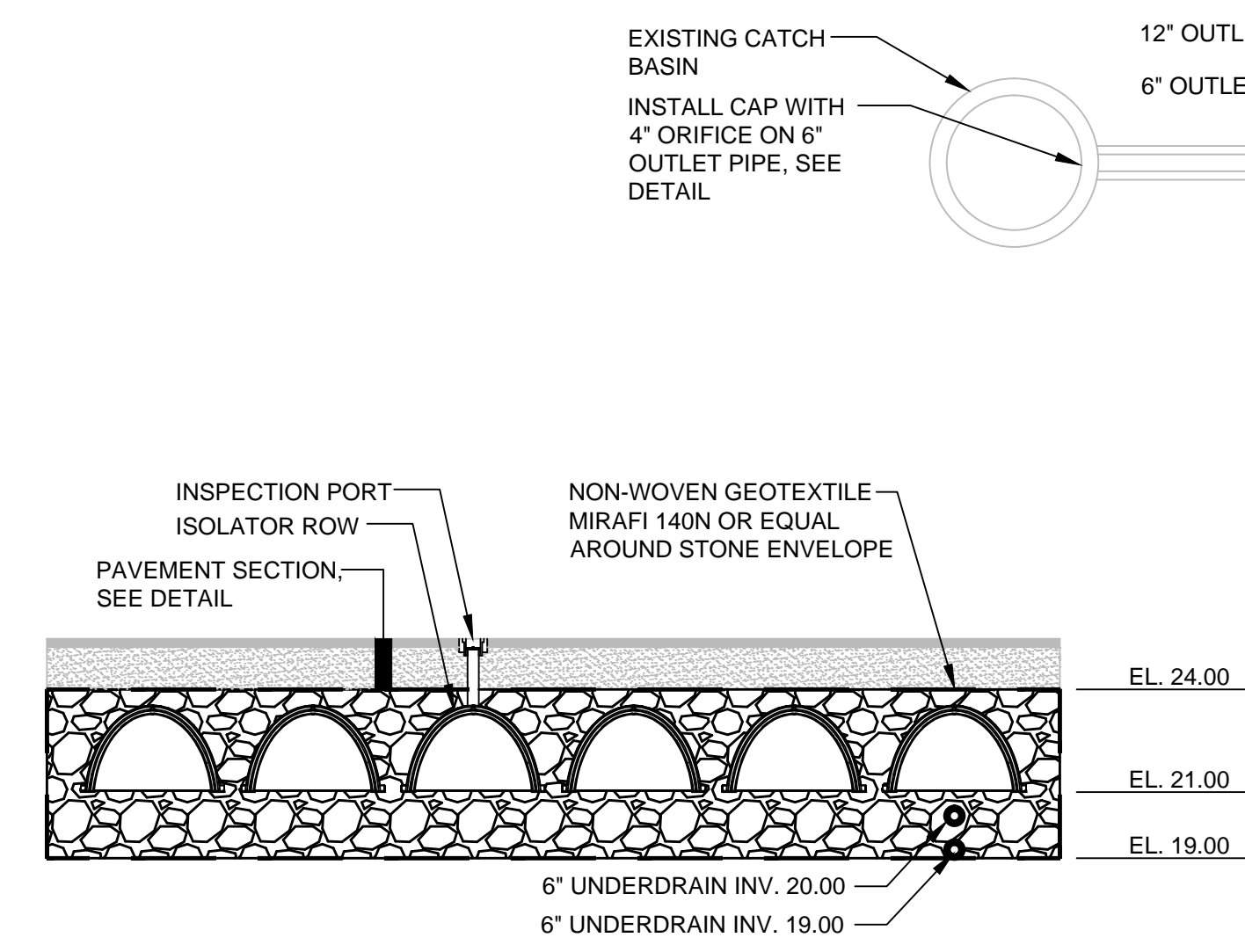
PRECAST CONCRETE MANHOLE
NOT TO SCALE

A PRECAST CONCRETE MANHOLE
N.T.S. AS OBTAINED FROM THE CITY OF PORTLAND "TECHNICAL MANUAL"

- NOTES:**
1. THE EXISTING SUBSURFACE CHAMBER SYSTEM IS SHOWN PER STORMTECH DESIGN FOR OCEAN GATEWAY PARKING GARAGE, DATED 6/14/2007.
 2. CONTRACTOR TO REPORT ANY DISCREPANCY WITH EXISTING SYSTEM TO ENGINEER TO ALLOW ANY REQUIRED REVISIONS TO THE PROPOSED SYSTEM EXPANSION.

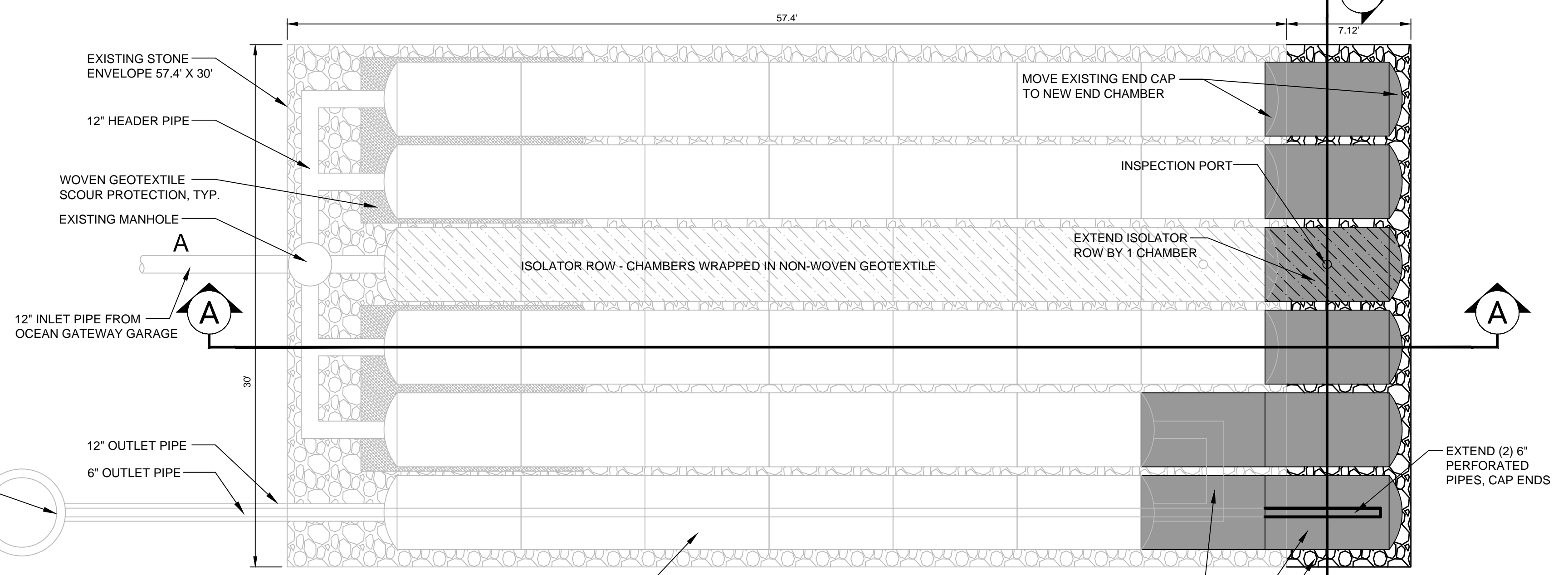


PIPE OUTLET ORIFICE DETAIL

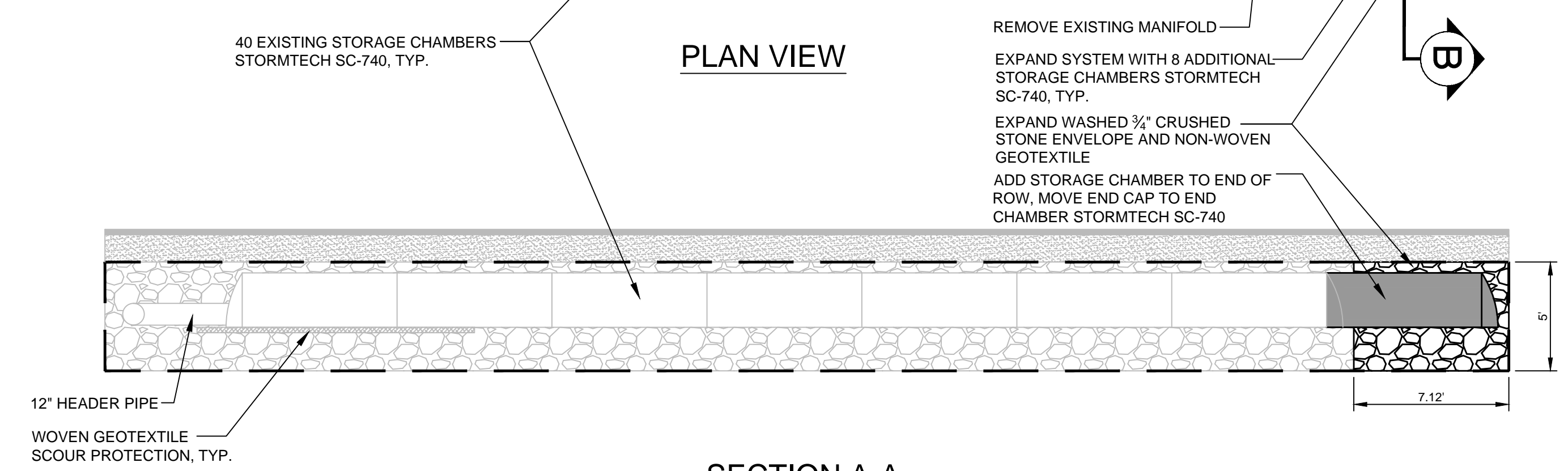


SECTION B-B

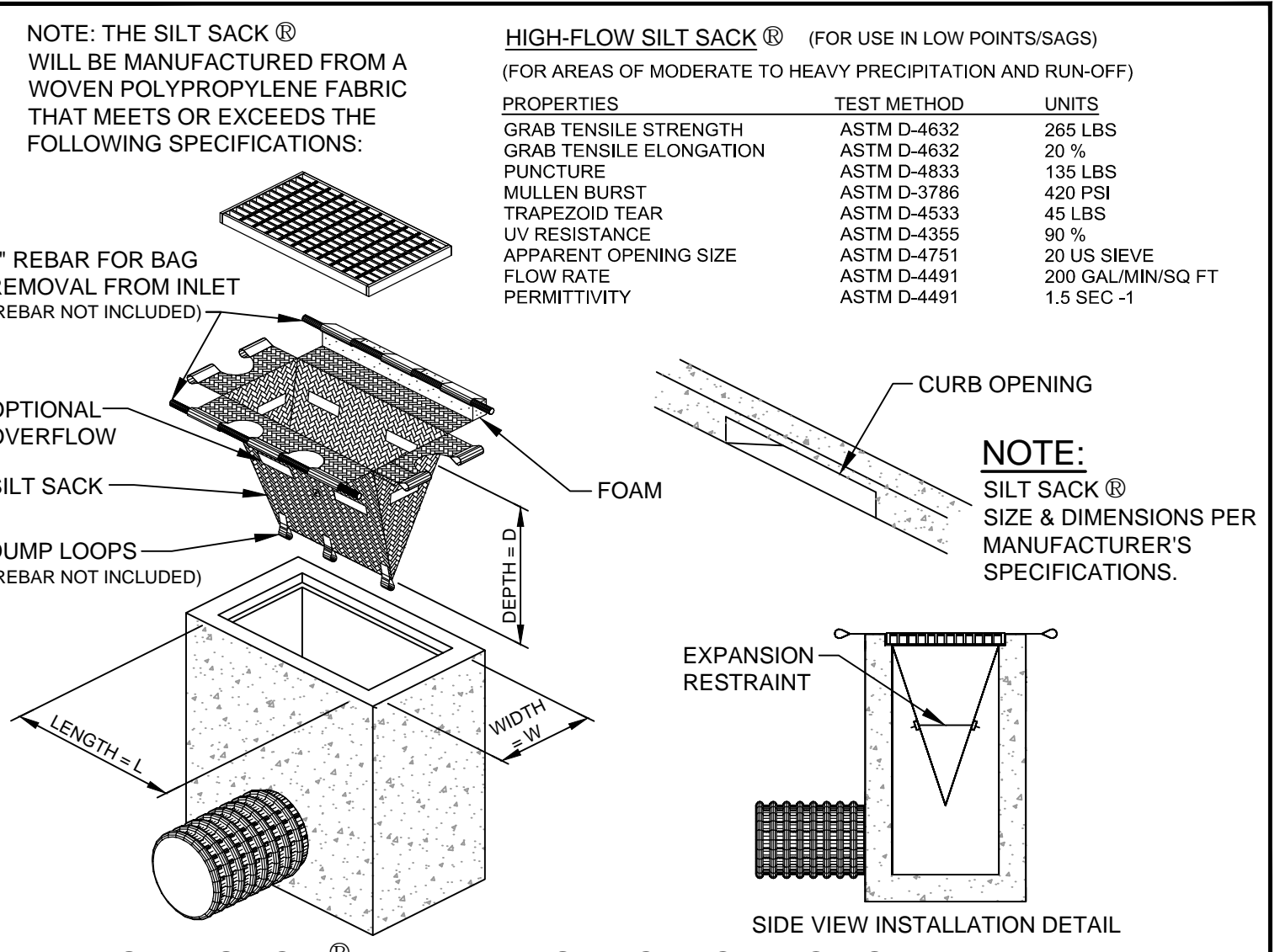
C SUBSURFACE CHAMBER SYSTEM EXPANSION DETAIL
N.T.S.



PLAN VIEW



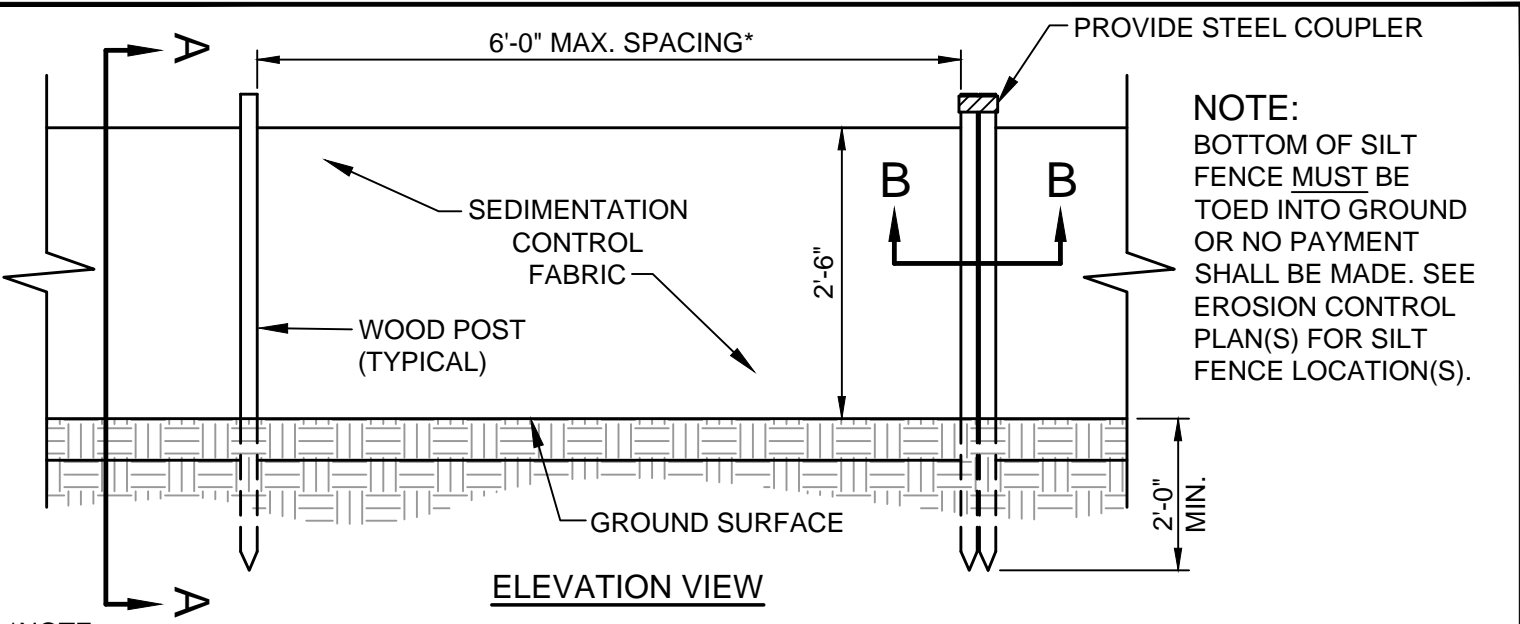
SECTION A-A



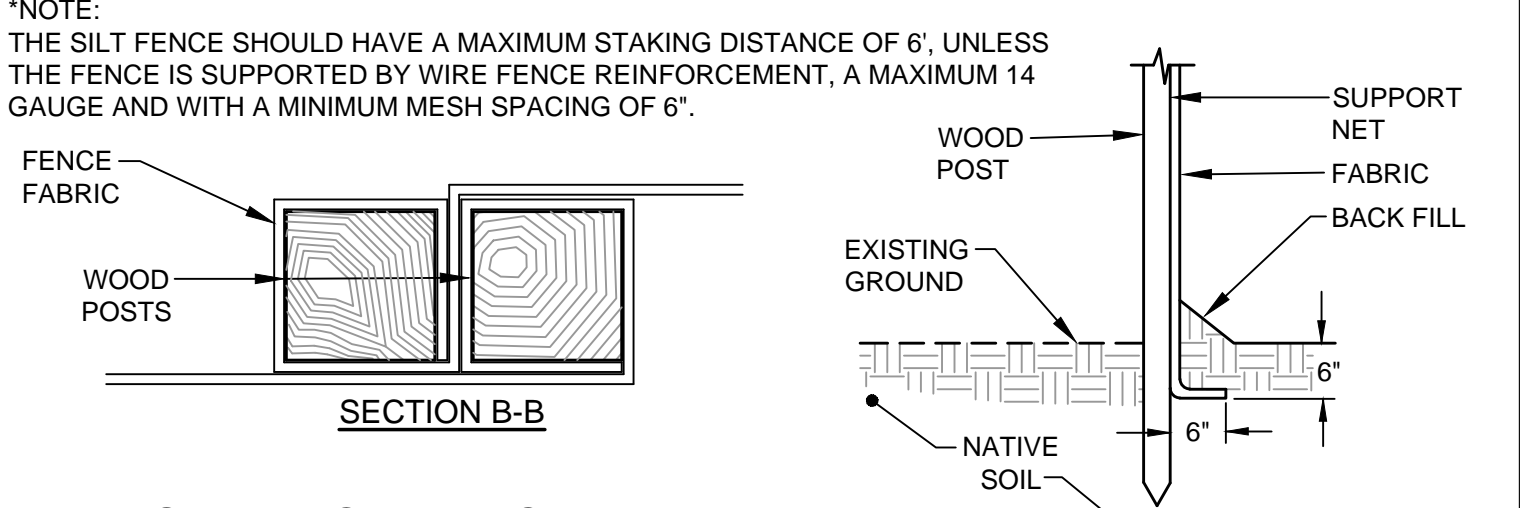
B SILT SACK DETAIL & SPECIFICATIONS
N.T.S.

HIGH-FLOW SILT SACK (FOR USE IN LOW POINTS/SAGS) (FOR AREAS OF MODERATE TO HEAVY PRECIPITATION AND RUN-OFF)

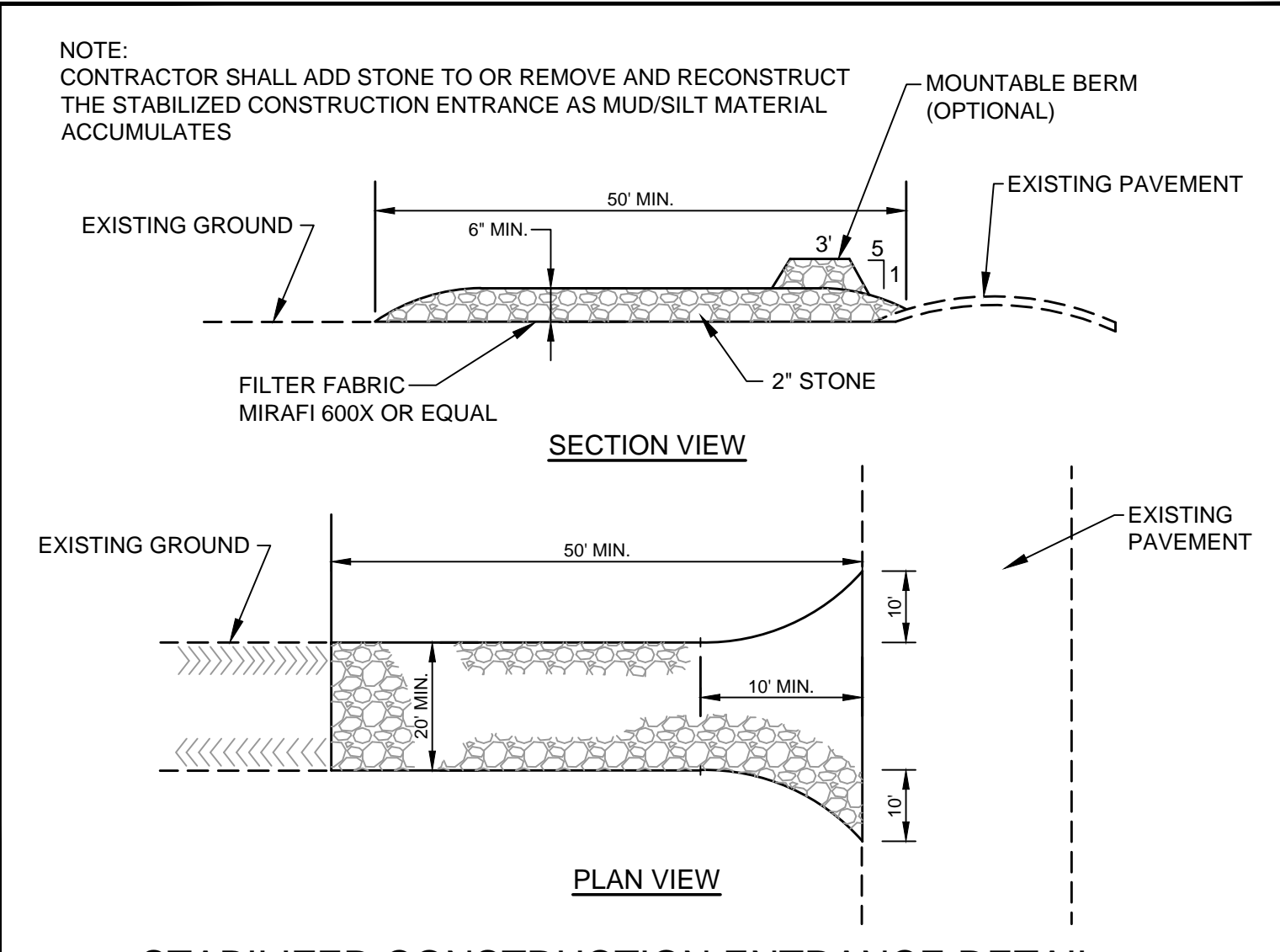
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3796	420 PSF
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC-1



ELEVATION VIEW

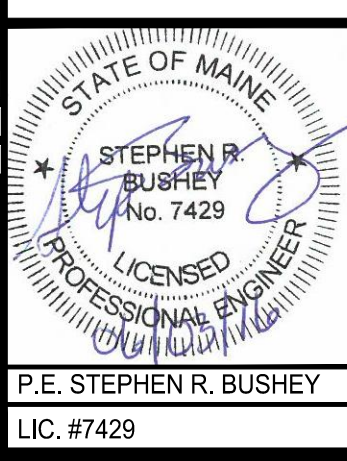


D SILTATION FENCE DETAIL
N.T.S.



E STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.

REV	DATE	DESCRIPTION
8	06.03.16	ISSUED FOR CONSTRUCTION
7	05.24.16	90% CD PACKAGE
6	02.15.16	50% CD PACKAGE
5	04.15.15	REVISED PER STAFF COMMENTS & RESUBMITTED TO CITY
4	02.06.15	SUBMITTED FINAL SITE PLAN APPLICATION TO CITY
3	07.08.14	REVISED PER ENGINEERING PEER REVIEW COMMENTS AND RESUBMITTED TO CITY
2	06.12.14	REVISED PER PLANNING REVIEW STAFF COMMENTS AND RESUBMITTED TO CITY
1	05.05.14	SUBMITTED TO CITY



PROJECT
**16 MIDDLE STREET
PORTLAND, MAINE**

SHEET TITLE
**UTILITY &
MISCELLANEOUS DETAILS**

CLIENT
**16 MIDDLE STREET
ASSOCIATES LLC**

FST 100 YEARS
FAY, SPOFFORD & THORNDIKE
ENGINEERS • PLANNERS • SCIENTISTS
778 MAIN ST., SUITE 8, SOUTH PORTLAND, ME 04106

DRAWN: CDD DATE: MAY 2014
DESIGNED: SRB SCALE: N.T.S.
CHECKED: SRB JOB NO.: 195350140
FILE NAME: SP-M150-DET
SHEET **C-6.2**