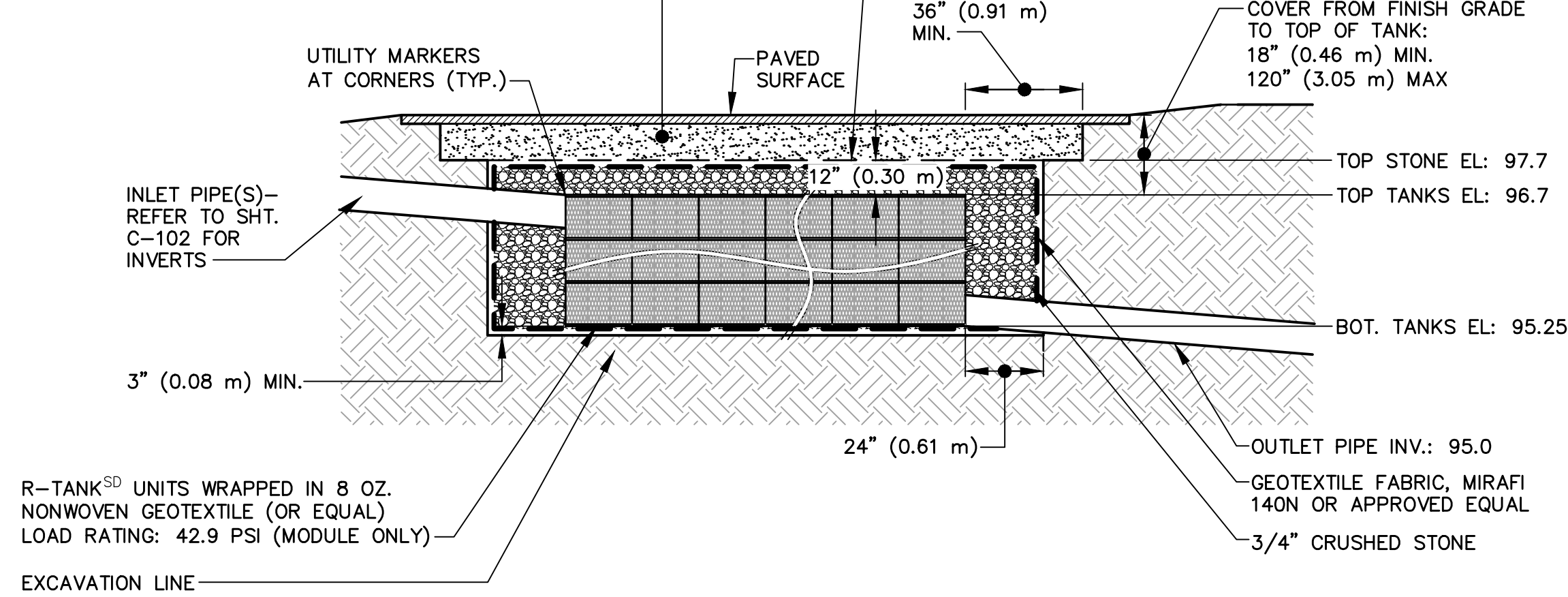
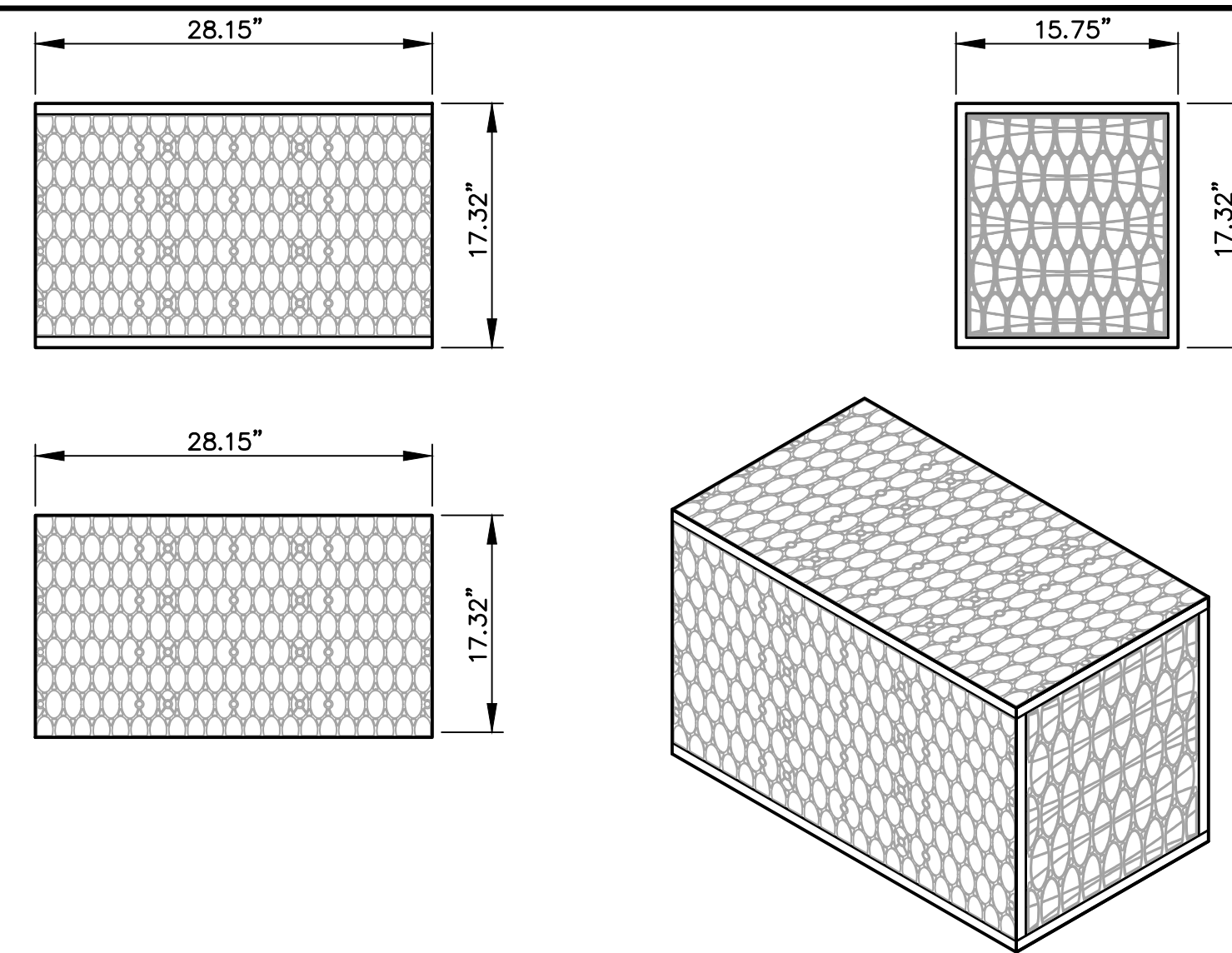


OUTLET CONTROL STRUCTURE
NOT TO SCALE

TOTAL COVER: 18" MINIMUM AND 120" MAXIMUM. FIRST 12" MUST BE FREE DRAINING BACKFILL (SPEC SECTION 2.03B): STONE <1.5" OR SOIL (USCS CLASS GW, GP, SW OR SP). ADDITIONAL FILL MAY BE STRUCTURAL FILL (SPEC SECTION 2.03C): STONE OR SOIL (USCS CLASS SM, SP, SW, GM, GP OR GW) WITH MAX CLAY CONTENT <10%, MAX 25% PASSING NO. 200 SIEVE, AND MAX PLASTICITY INDEX OF 4. A MIN. 12" COVER MUST BE MAINTAINED BETWEEN BACKFILL EQUIPMENT AND THE TOP OF THE R-TANK™ SYSTEM AT ALL TIMES. TOTAL HEIGHT OF TOP BACKFILL SHOULD NOT EXCEED 10'. CONTACT ACF ENVIRONMENTAL IF MORE THAN 10' OR LESS THAN 18" OF TOP BACKFILL IS REQUIRED (FROM TOP OF TANK TO TOP OF PAVEMENT)



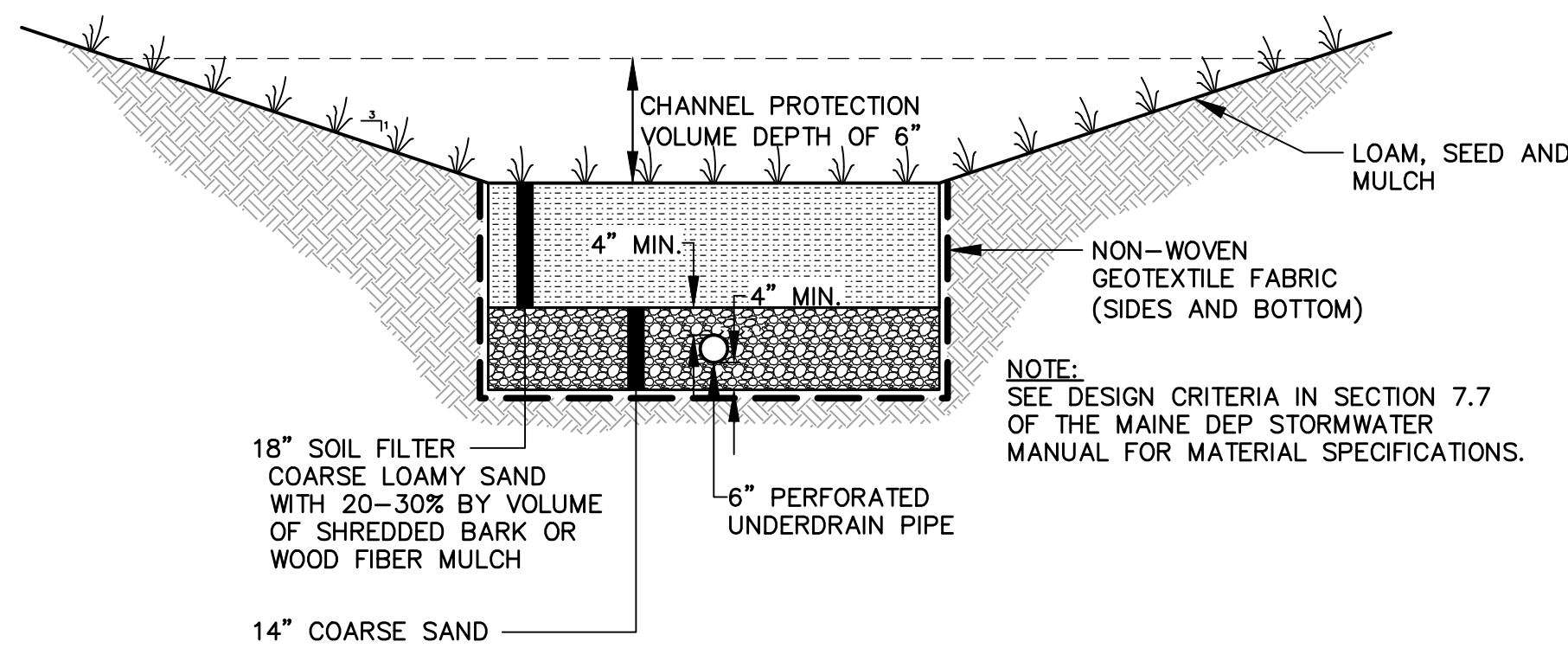
R-TANK^{SD} - HS-20 LOADS
NOT TO SCALE



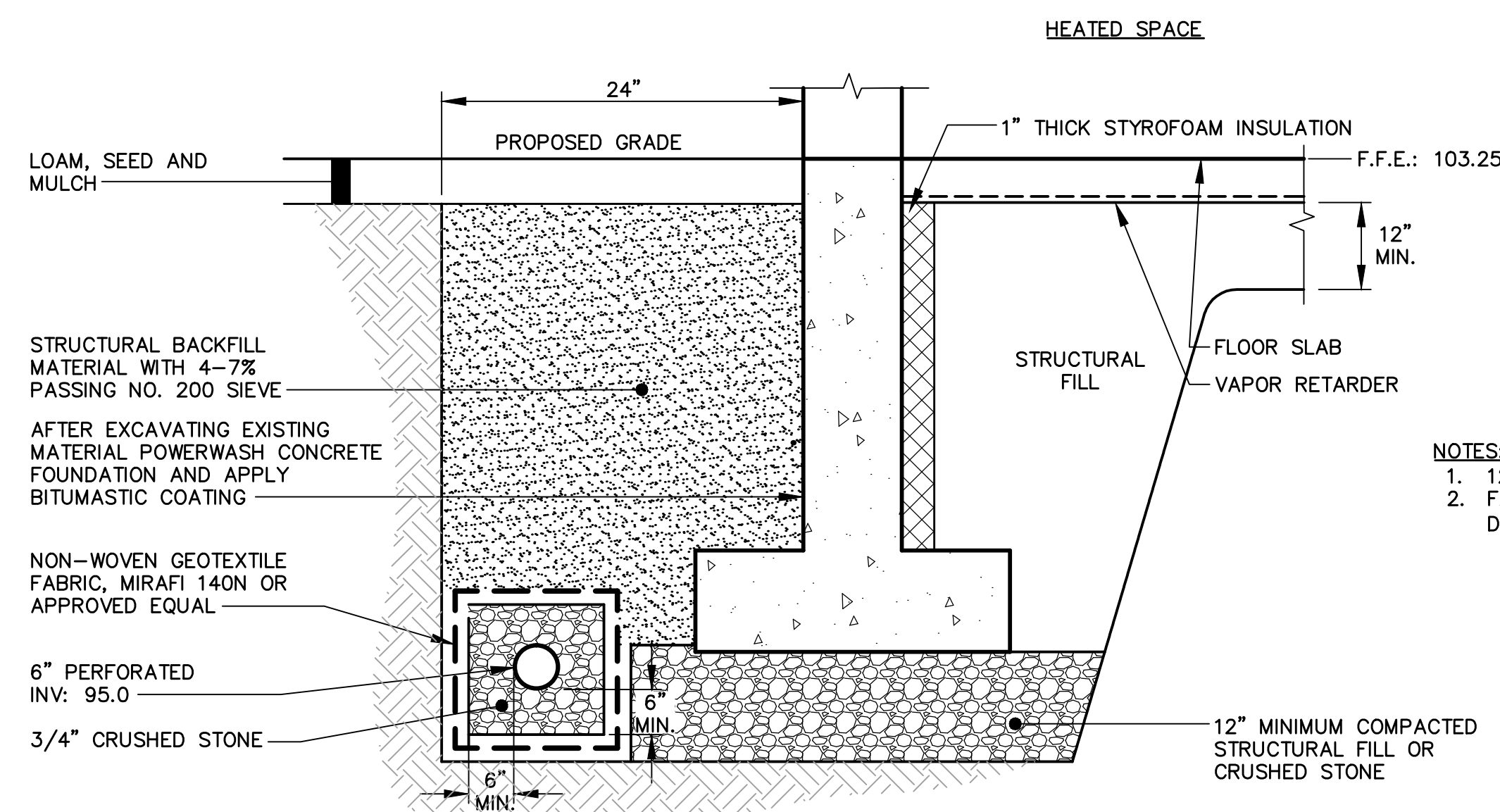
MODULE DATA

GEOMETRY: LENGTH = 28.15 IN. (715 MM)	LOAD RATING: 40 PSI, (MODULE ONLY)
WIDTH = 15.75 IN. (400 MM)	HS25, (WITH ACF COVER SYSTEM)
HEIGHT = 17.32 IN. (440 MM)	MATERIAL: 85% RECYCLED POLYPROPYLENE
STORAGE VOLUME = 4.22 CF (119 L)	
VOID INTERNAL VOLUME: 95%	
VOID SURFACE AREA: 90%	

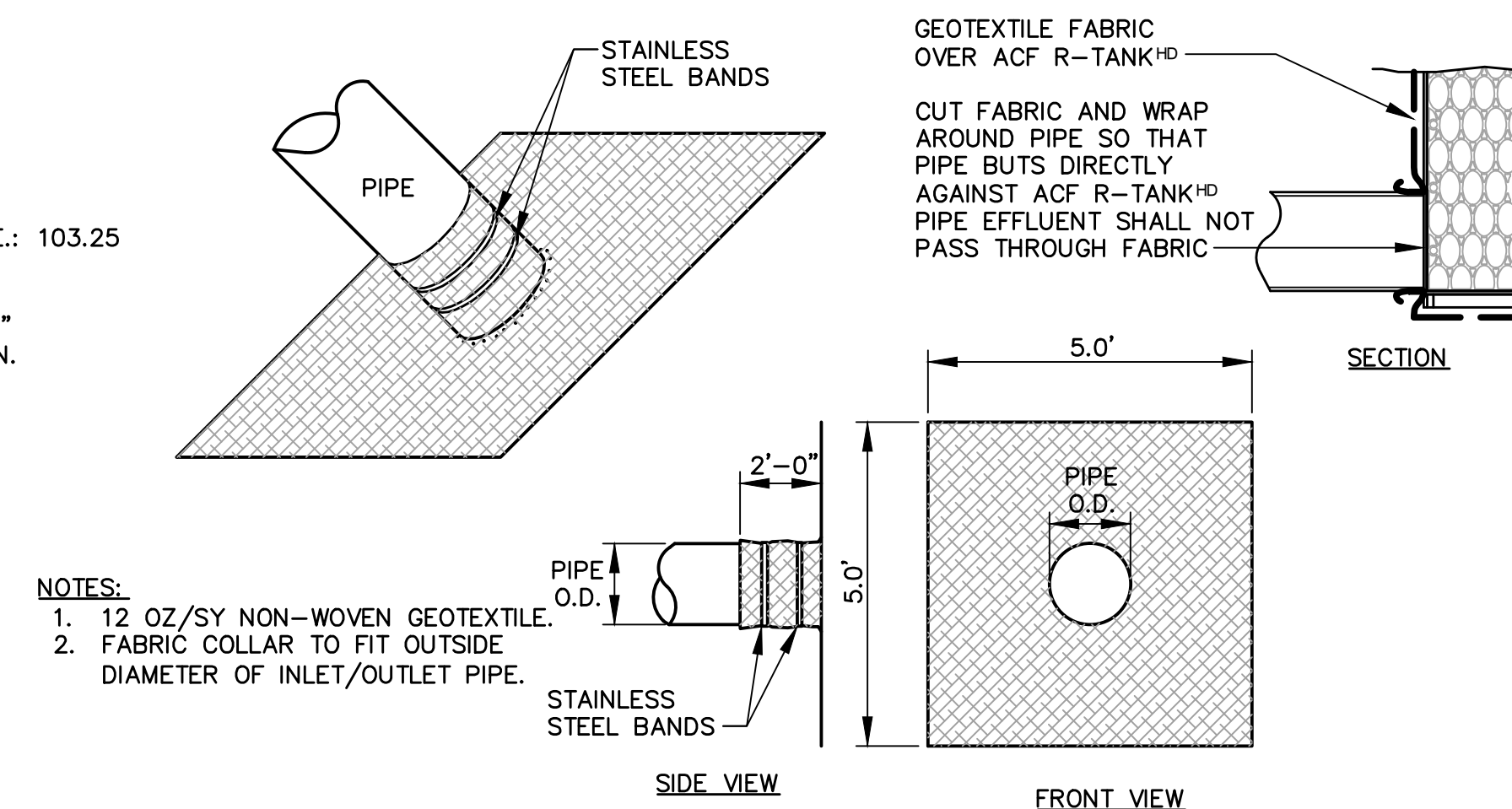
R-TANK^{HD} - SINGLE MODULE DETAIL
NOT TO SCALE



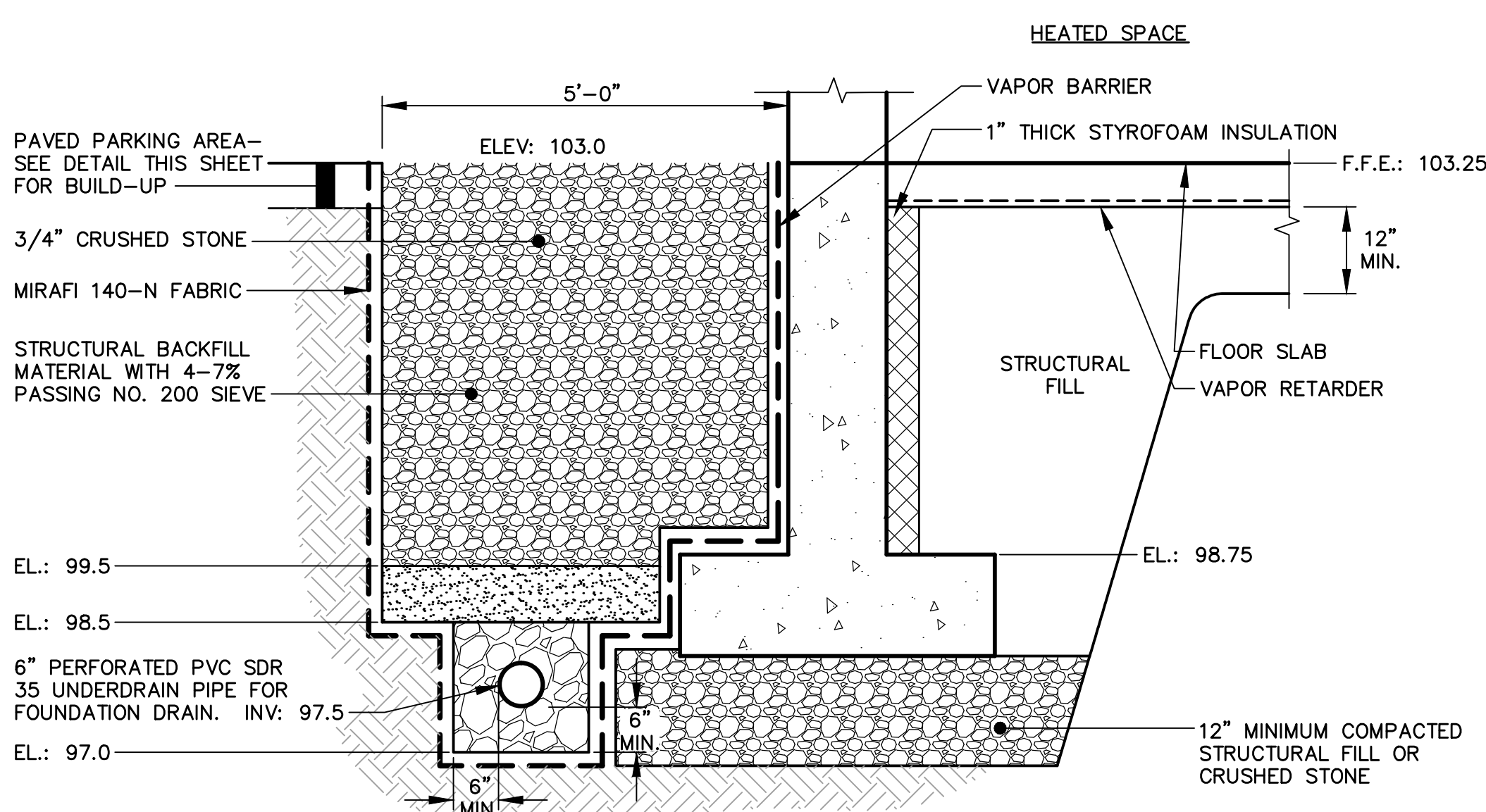
UNDERDRAIN SOIL FILTER DETAIL
NOT TO SCALE



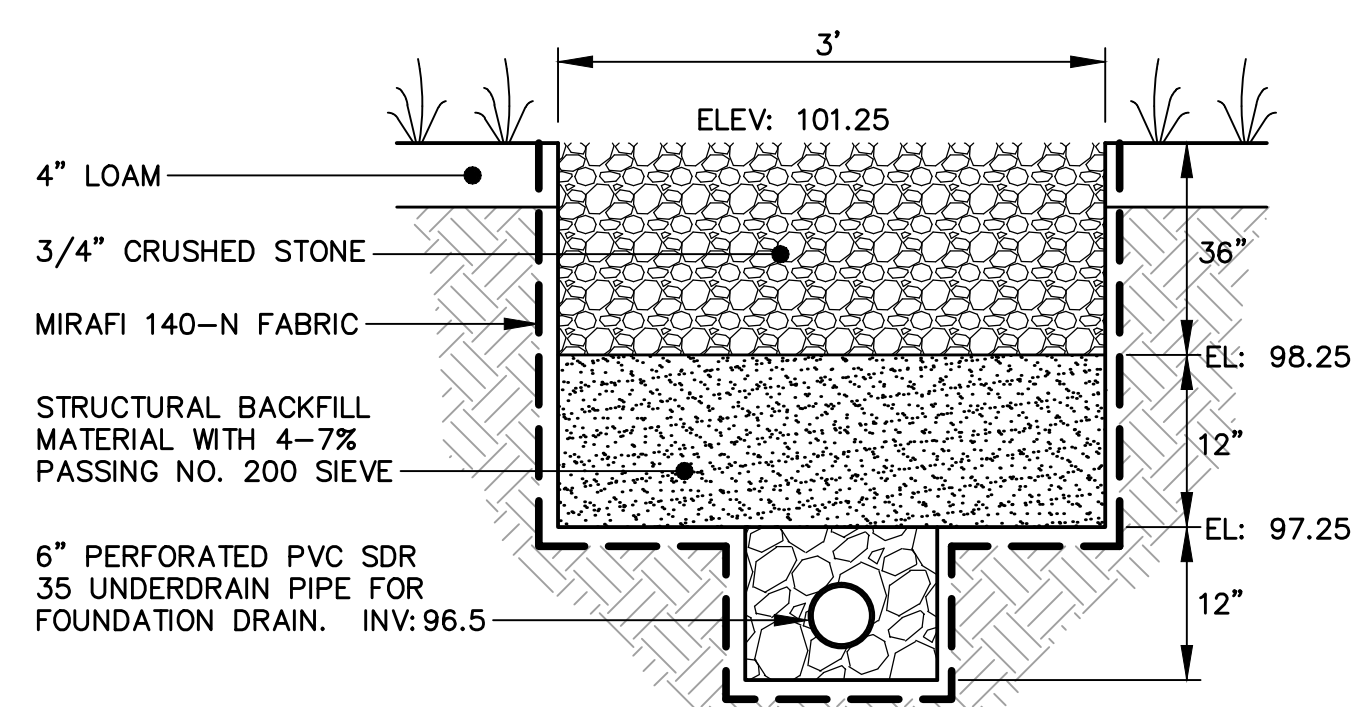
PERIMETER FOUNDATION DRAIN DETAIL
NOT TO SCALE



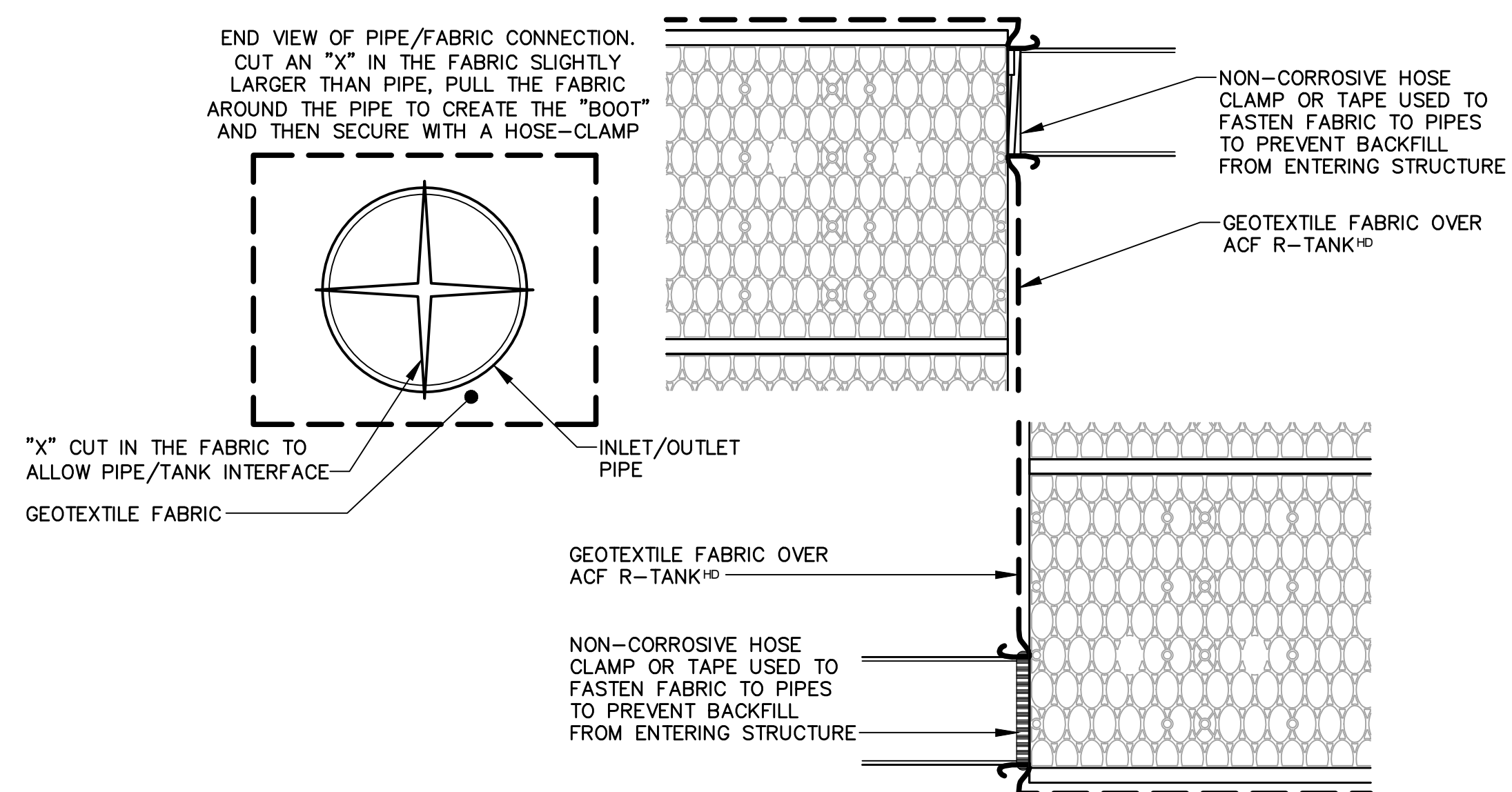
FABRIC PIPE BOOT FOR R-TANK^{HD}
NOT TO SCALE



ROOF DRIPLINE FILTER DETAIL
NOT TO SCALE



PARKING LOT FILTER WITH UNDERDRAIN DETAIL
NOT TO SCALE

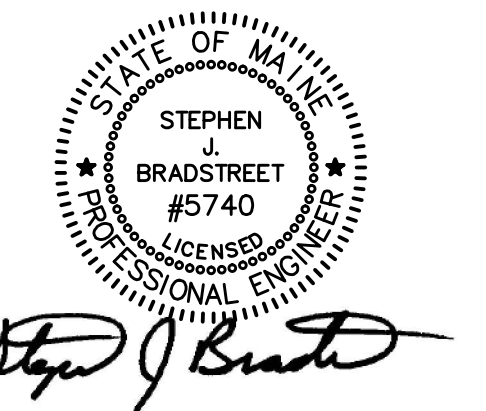


R-TANK^{HD} TYPICAL TANK INLET/OUTLET
NOT TO SCALE

PROPOSED BUILDING
**ACADEMY FOR
ACTIVE LEARNERS**
134 WARREN AVENUE
PORTLAND, MAINE

Prepared for:

DELTA REALTY
380 WARREN AVENUE
PORTLAND, MAINE



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**CONSTRUCTION
DETAILS**

C	RESPONSE TO CITY COMMENTS	02/19/16
B	RESPONSE TO CITY COMMENTS	01/25/16
A	PRELIMINARY REVIEW	12/01/15

No.	Revision/Issue	Date
Design by:	MPM	Checked by: SJB
Drawn by:	JAR	Approved by: SJB
Project:	151.06127	Date: OCTOBER 2015

Sheet No: **C-104**
Sheet 7 of 9