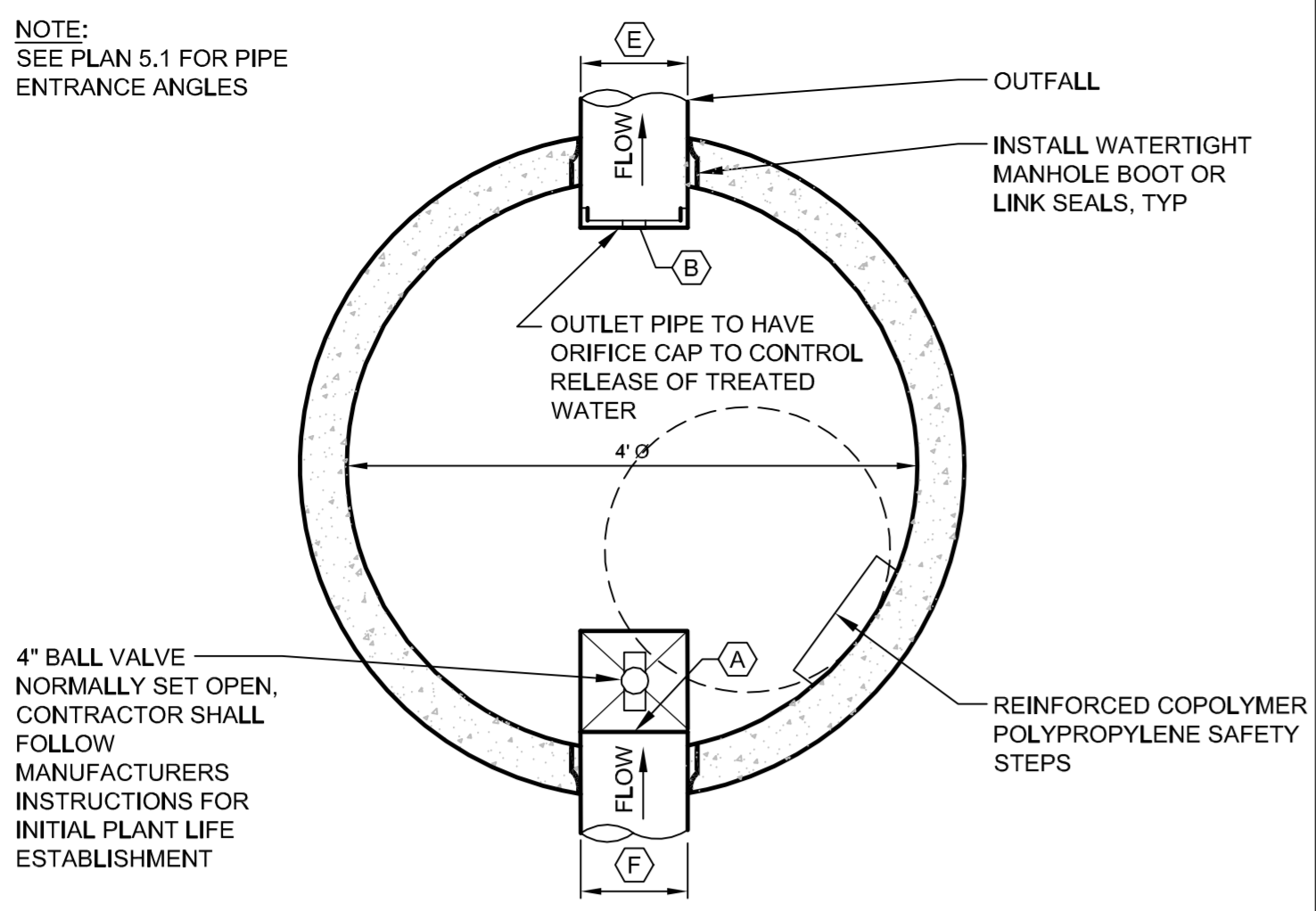
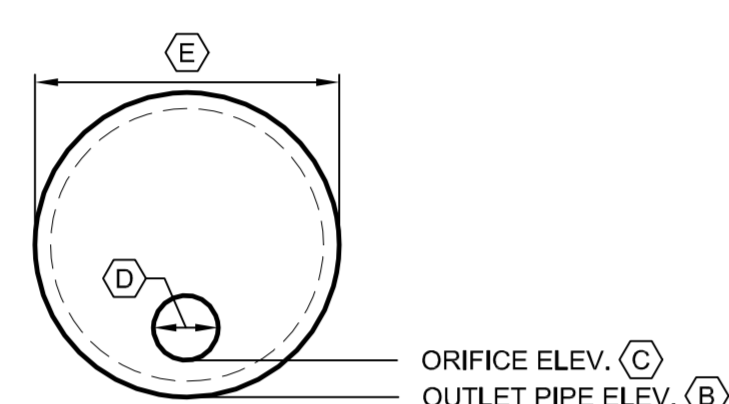


NOTE:
SEE PLAN 5.1 FOR PIPE
ENTRANCE ANGLES



**SCHEDULE B
OUTLET CONTROL STRUCTURE**

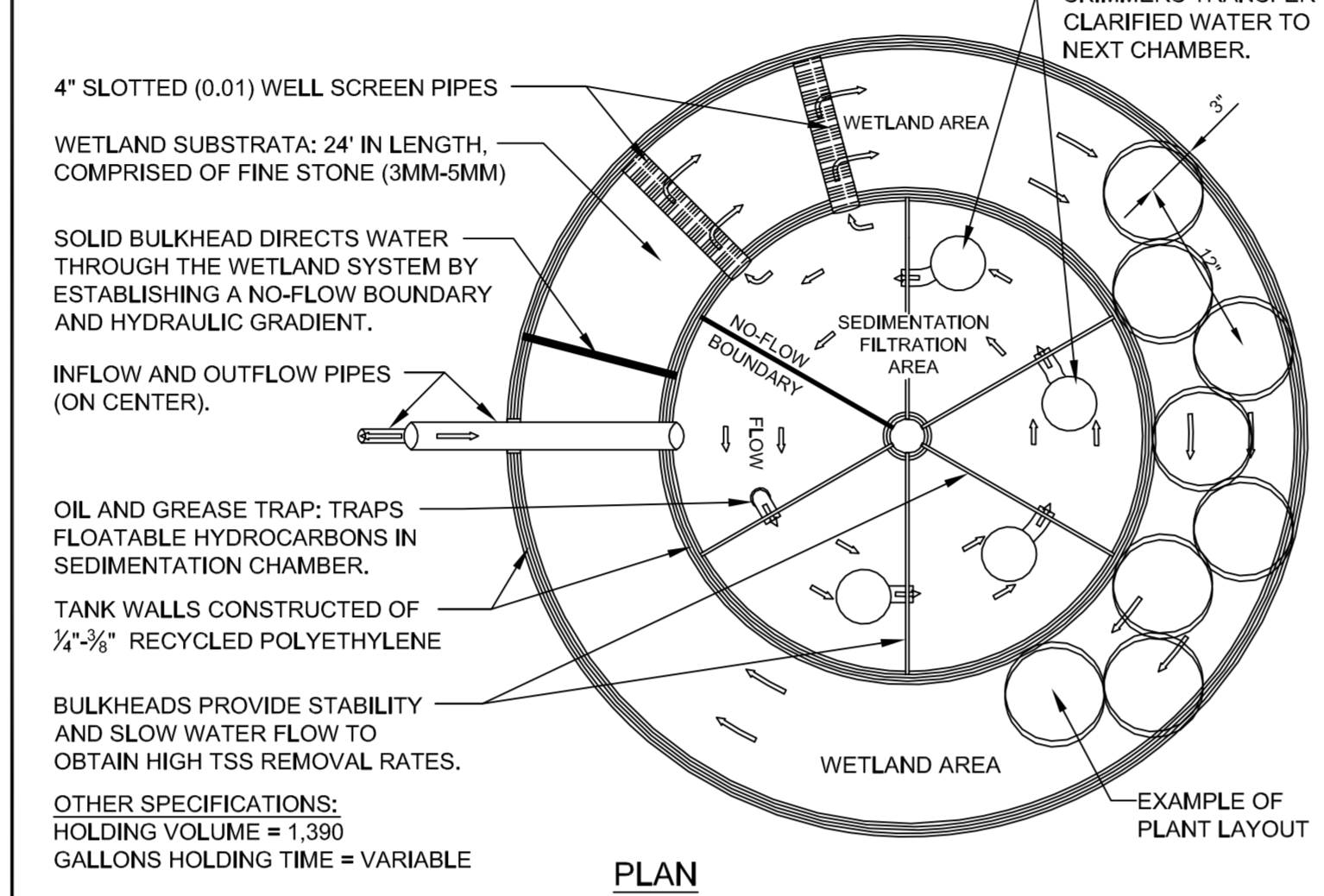
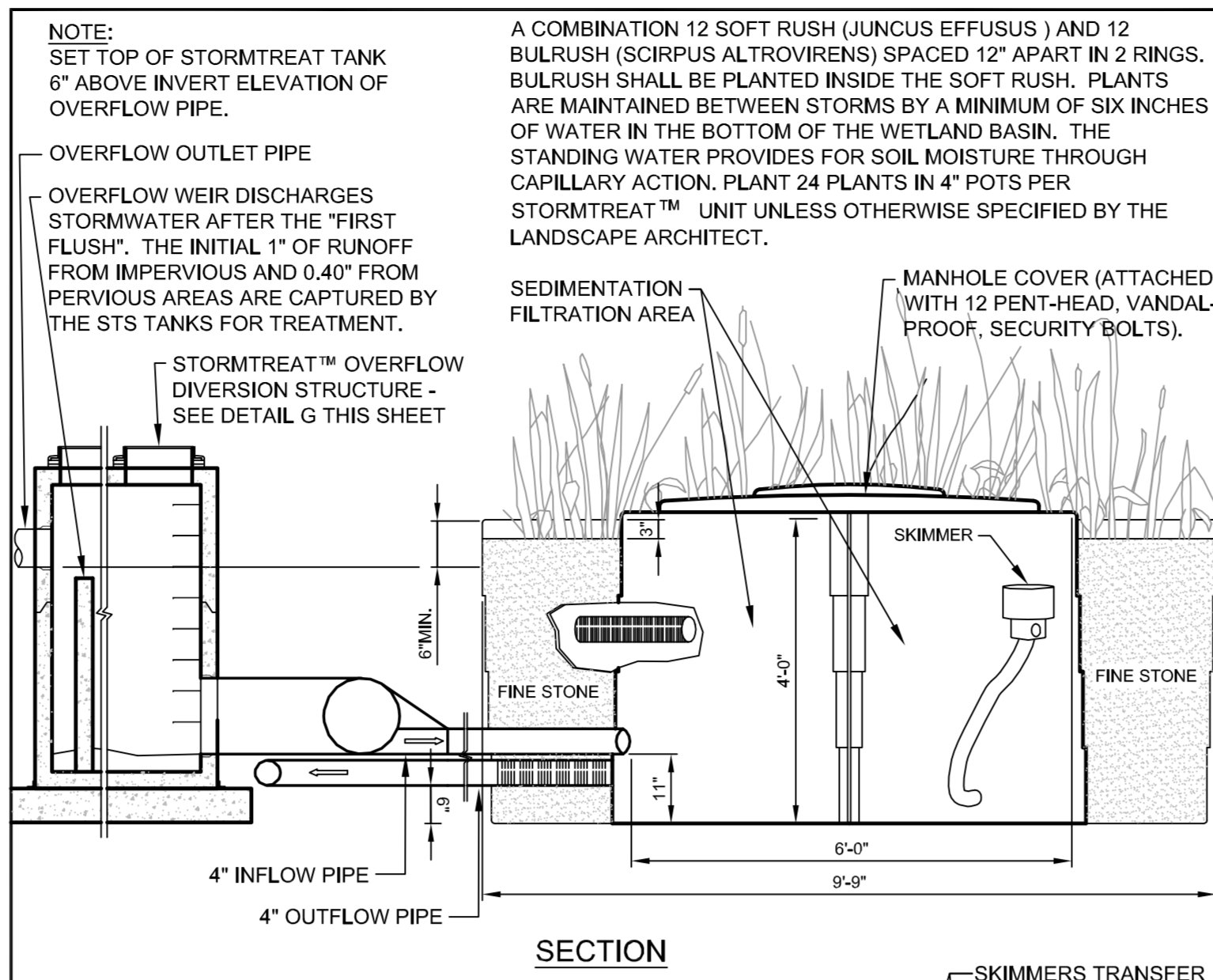
ITEM DESCRIPTION	ZONE D
(A) CHANNEL PROTECTION INLET INVERT	10.10
(B) OUTLET PIPE INVERT	10.05
(C) ORIFICE INVERT	10.05
(D) ORIFICE DIAMETER	0.63"
(E) OUTLET PIPE DIAMETER	12"
(F) INLET PIPE DIAMETER	4"



UNDERDRAIN OUTLET WITH CAP AND ORIFICE
N.T.S.

SEE DETAIL 'C' ON DRAWING C-4 FOR PRECAST MANHOLE INFORMATION REGARDING STEPS, ACCESS ETC. ALL INFORMATION IS APPLICABLE TO THIS STRUCTURE.

(A) 4' DIAMETER PRECAST OUTLET CONTROL STRUCTURE
N.T.S.

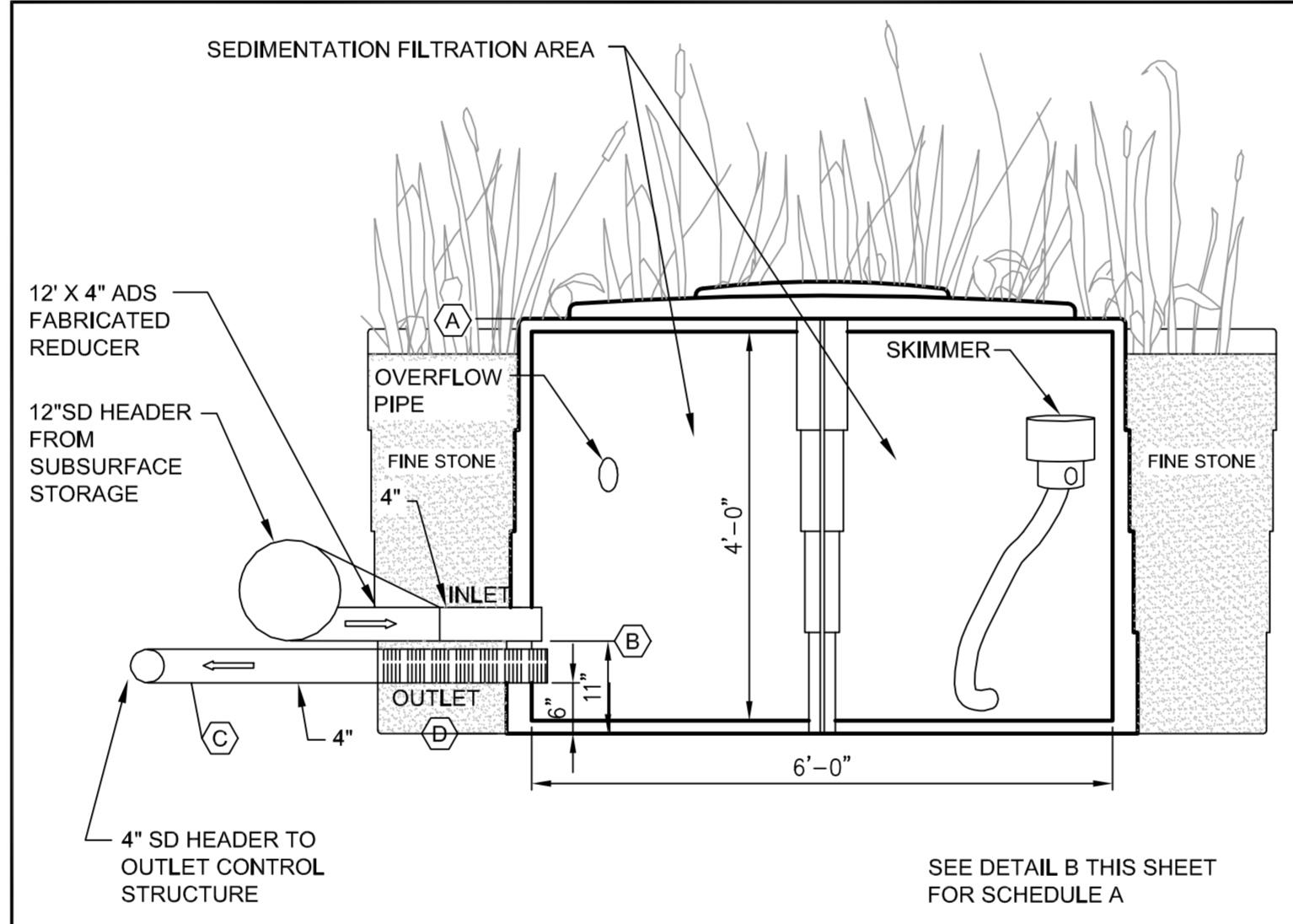


(C) STORMTREAT™ SYSTEM TANK
N.T.S.

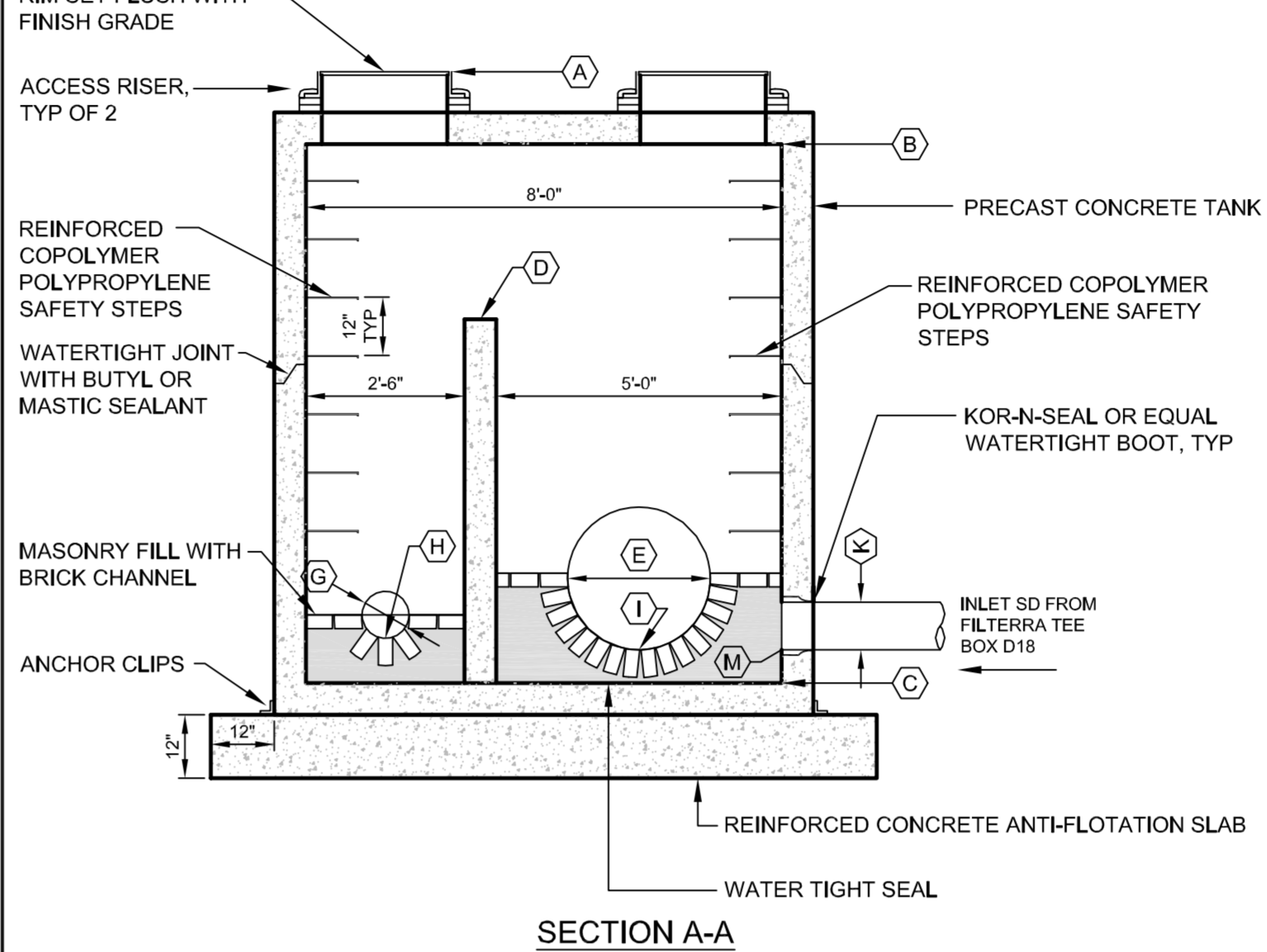
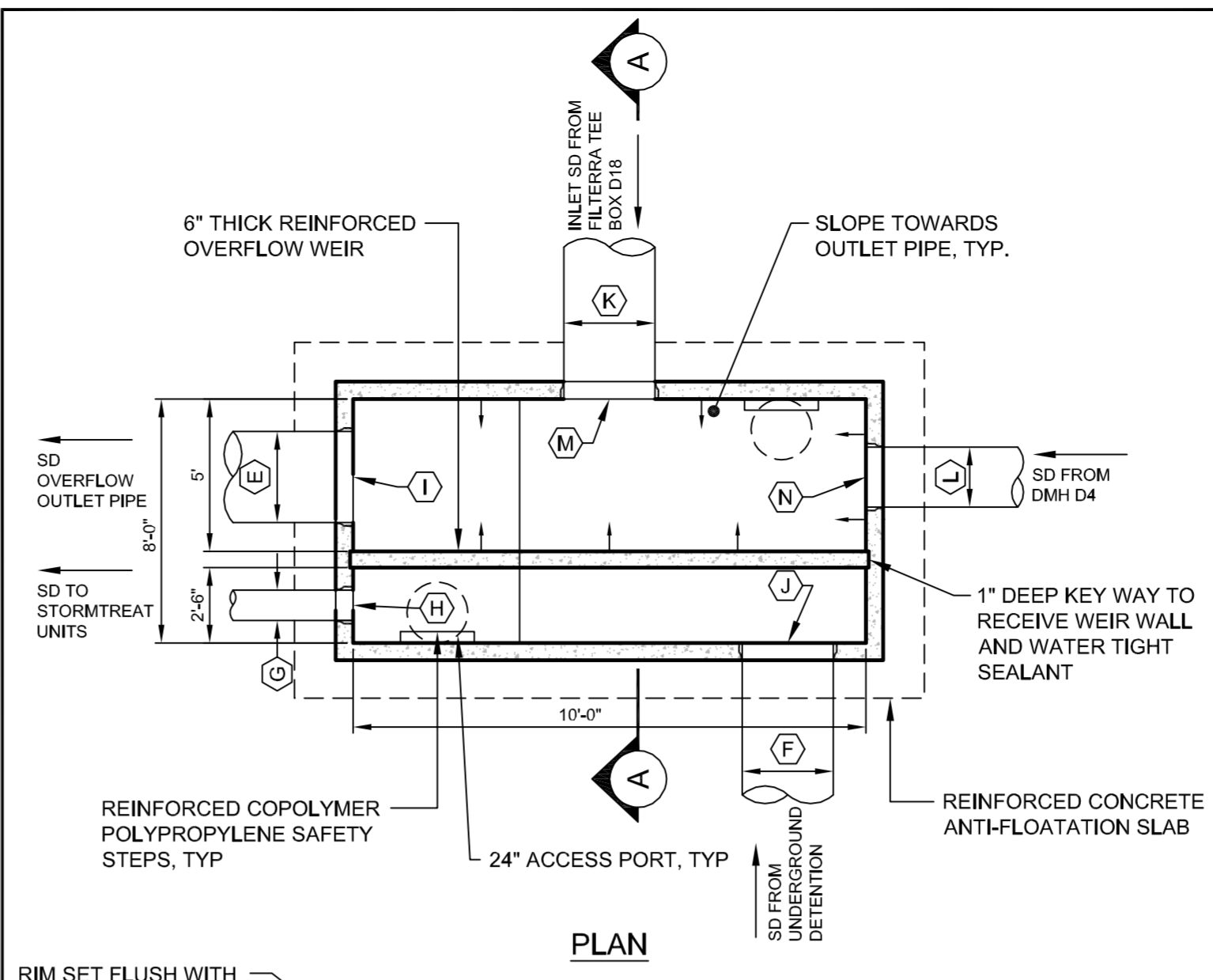
**SCHEDULE A
STORMTREAT™ TANK DATA**

ITEM DESCRIPTION	ZONE D
(A) TOP OF STRUCTURE	13.6
(B) INLET INVERT ELEVATION	10.52
(C) OUTLET INVERT ELEVATION	10.1
(D) BOTTOM OF STRUCTURE	9.6
(E) NUMBER OF TANKS REQUIRED	4

(B) STORMTREAT™ SYSTEM TANK SCHEDULE 'A'
N.T.S.



(D) STORMTREAT™ TANK SECTION
N.T.S.
(4 TANKS REQUIRED FOR THIS PHASE OF THE PROJECT)

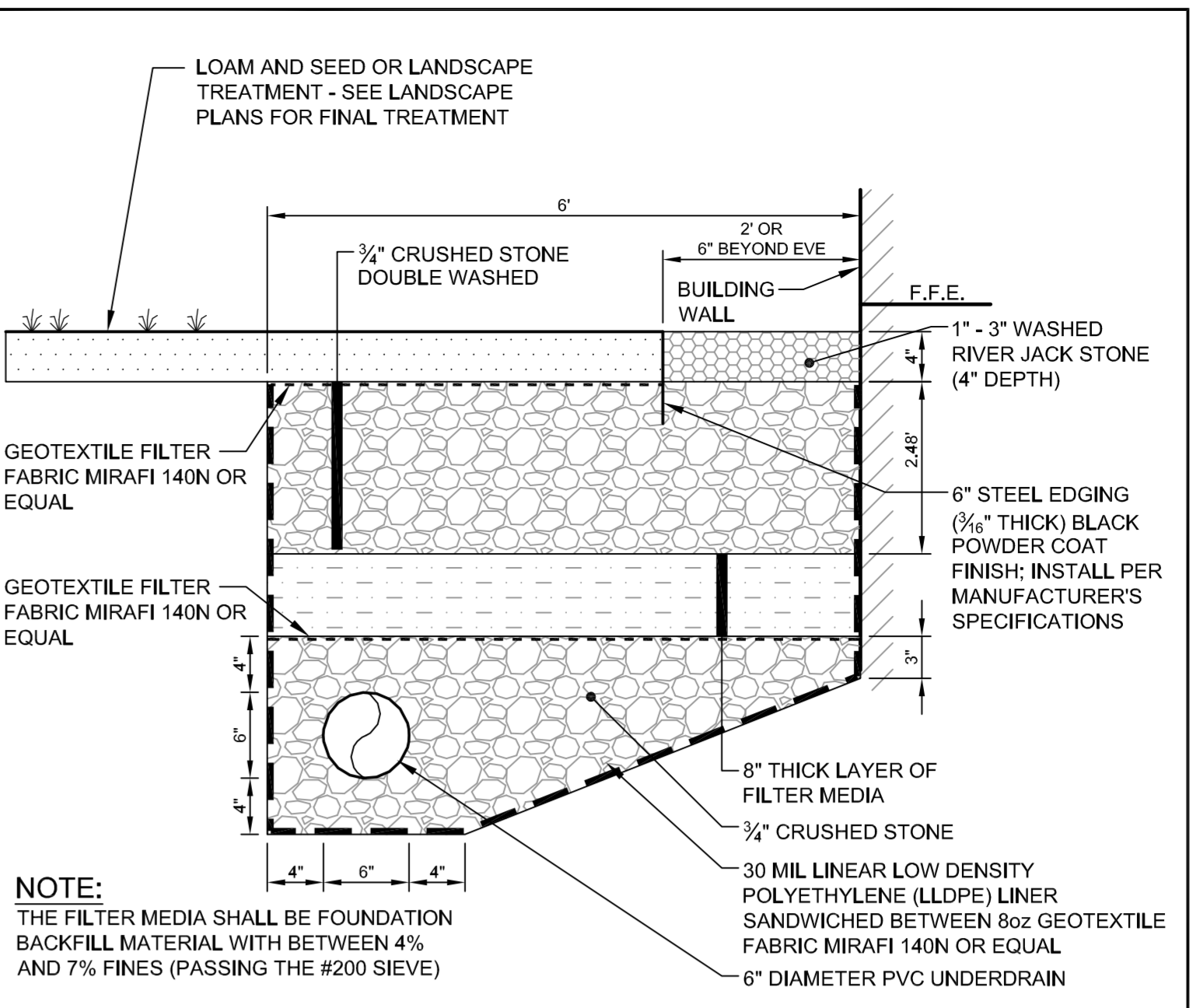


- NOTES:
- ALL CONCRETE TO HAVE A MINIMUM OF 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS
 - DESIGN LOAD FOR H-20 WHEEL LOAD
 - STRUCTURE TO CONFORM TO ASTM-C478 SPECIFICATIONS
 - SET STRUCTURE ON 12" THICK CRUSHED STONE

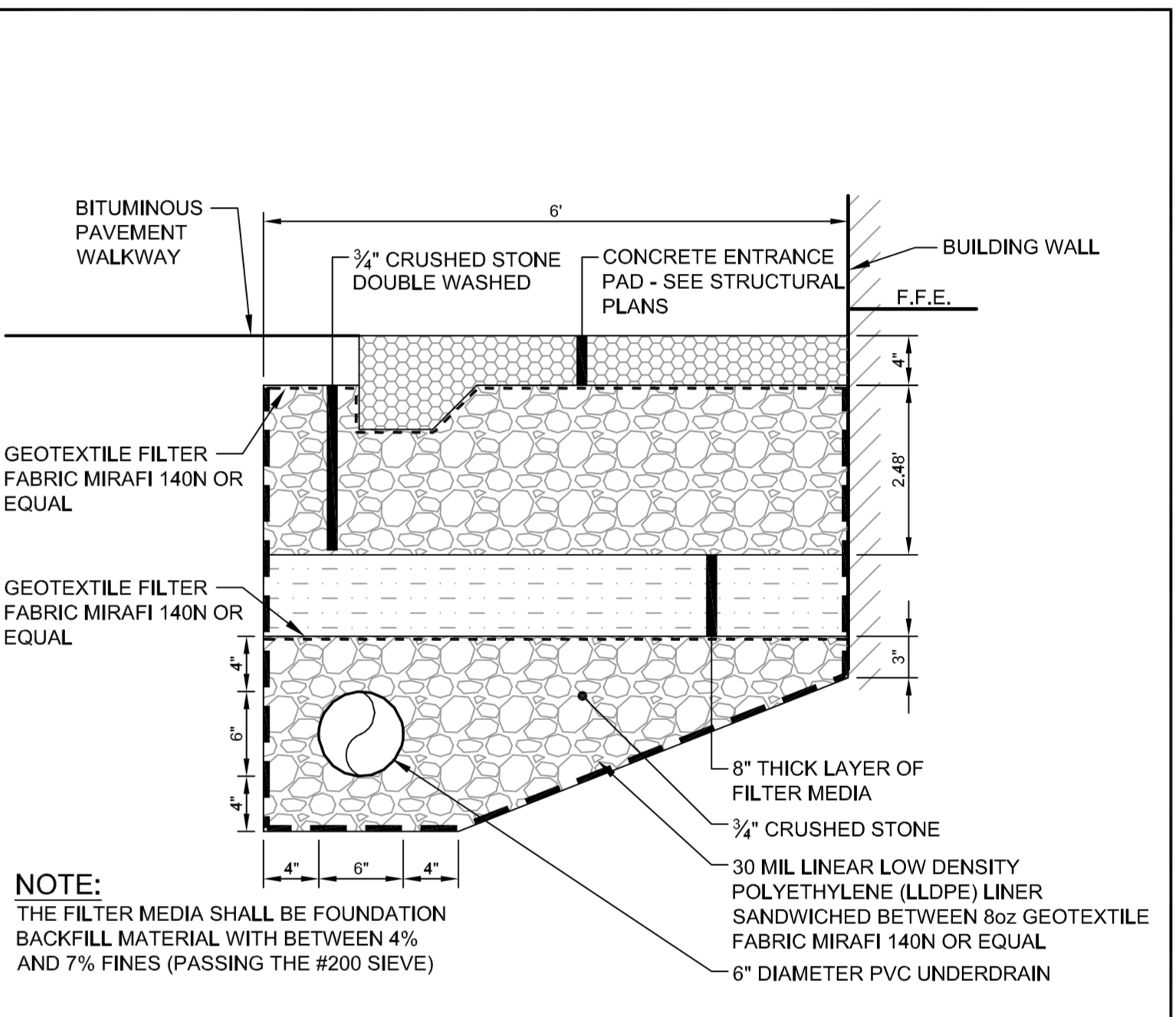
OVERFLOW DIVERSION STRUCTURE SCHEDULE

ITEM DESCRIPTION	ZONE D
(A) APPROXIMATE RIM ELEVATION	15.95
(B) TOP OF INSIDE OF TANK	14.5
(C) BOTTOM OF INSIDE OF TANK	9.52
(D) TOP OF WEIR WALL	13.02
(E) DIAMETER OF OVERFLOW OUTLET PIPE	36"
(F) DIAMETER OF INLET PIPE	36"
(G) DIAMETER OF OUTLET PIPE TO STORMTREATS	12"
(H) INV OF OUTLET PIPE TO STORMTREATS	10.52
(I) INV OF OVERFLOW OUTLET PIPE	10.45
(J) INV OF INLET PIPE	10.52
(K) DIAMETER OF INLET PIPE (FROM D18)	12"
(L) DIAMETER OF INLET PIPE (FROM D4)	24"
(M) INV OF INLET PIPE (FROM D18)	10.87
(N) INV OF INLET PIPE (FROM D4)	10.55

(E) STORMTREAT™ OVERFLOW DIVERSION STRUCTURE
N.T.S.



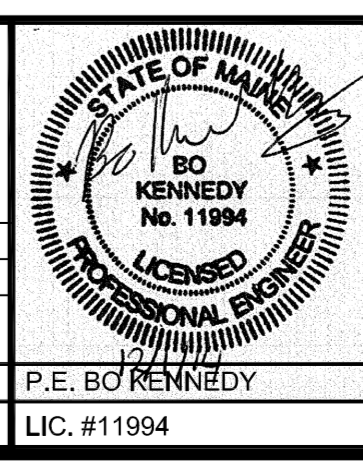
**WATER QUALITY TREATMENT DRIP EDGE DETAIL
CONDITION 1 - LANDSCAPE AREAS**
N.T.S.



**WATER QUALITY TREATMENT DRIP EDGE DETAIL
CONDITION 2 - BUILDING ENTRANCES**
N.T.S.

PRELIMINARY - NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION
3	09.09.14	PHASE 1A SITE PLAN SUBMITTED TO CITY
2	07.29.14	REVISED PHASE 1A SITE PLAN SUBMITTED TO CITY
1	06.30.14	REVISED PHASE 1A SITE PLAN SUBMITTED TO CITY



PROJECT: BRICK NORTH BUILDING AT THE FOREFRONT AT THOMPSON'S POINT

SHEET TITLE: STORMWATER DETAILS STORMTREAT™ SYSTEMS AND DRIP EDGE TREATMENT

CLIENT: FOREFRONT PARTNERS | LP

FST FAY, SPOFFORD & THORNDIKE
ENGINEERS · PLANNERS · SCIENTISTS
778 MAIN ST., SUITE 6, SOUTH PORTLAND, ME 04106

DRAWN: DED
DESIGNED: DED
CHECKED: DED
FILE NAME:
SHEET:

DATE: JUNE 2014
SCALE: CITY OF PORTLAND
JOB NO: 2014-120
Subject to Conditions of Approval
and Standard Conditions
C-7.0 Dec 4, 2014
PLANNER: Christine Grimando
PROJECT NO.: 2014-120