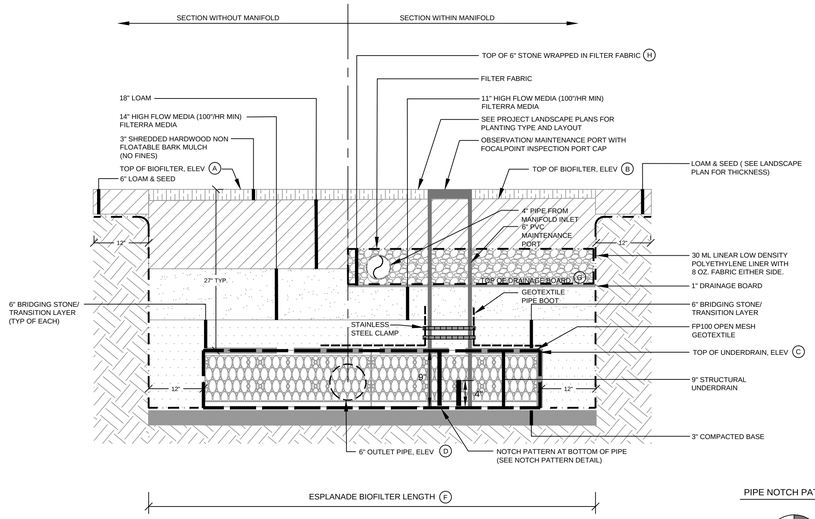
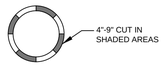
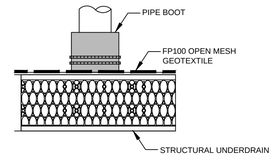


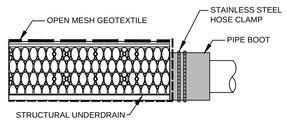
BOXLESS TREE FILTER CROSS SECTION
N.T.S.

PIPE NOTCH PATTERN DETAIL

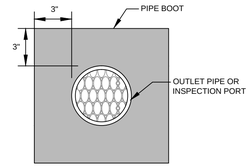




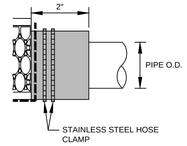
OBSERVATION PORT CONNECTION



OUTLET/ INLET PIPE CONNECTION

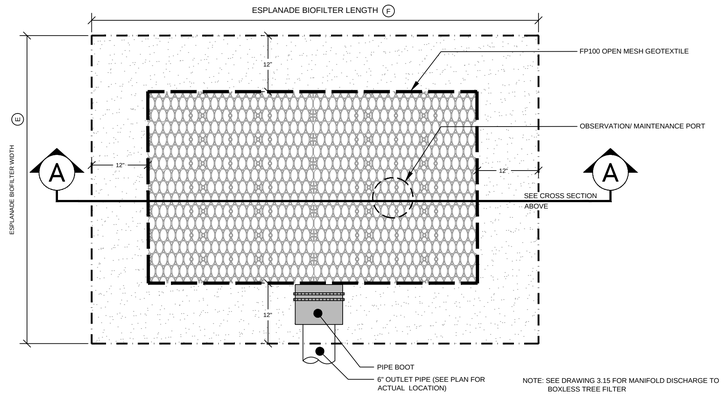


FRONT OR TOP VIEW



SIDE VIEW

PIPE BOOT DETAIL



BOXLESS TREE FILTER PLAN VIEW
N.T.S.

BOXLESS TREE FILTER ELEVATION AND DIMENSIONAL DATA		
A	TOP OF FILTER ELEVATION	10.5 +/-
B	TOP OF MEDIA	7.20
C	TOP OF UNDERDRAIN ELEVATION	6.70
D	6" OUTLET PIPE INVERT	5.95
E	TREE MINIMUM FILTER WIDTH	3' (2 UNITS)
F	TREE MINIMUM FILTER LENGTH	15' (2 UNITS)
G	TOP OF 1" DRAINAGE BOARD	7.66
H	TOP OF CRUSHED STONE & FABRIC OVER MANIFOLD	8.16

* - ALTERNATE IS AN IRREGULAR SHAPE - 90 SF TOTAL (45 SF EACH)

A BOXLESS TREE FILTER FOR SYSTEMS A, B, AND C
N.T.S.

PRELIMINARY - NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION
1	11.14.14	FINAL LEVEL III SUBMISSION TO CITY OF PORTLAND

REVISIONS

STATE OF MAINE · WILLIAM R. MOORE · 13547 · 11/14/14 · LICENSED · PROFESSIONAL ENGINEER

P.E. WILLIAM R. MOORE
LIC. # 13547

PROJECT
midtown
PORTLAND, MAINE

SHEET TITLE
BOXLESS TREE FILTER FOR SYSTEM A

CLIENT
THE FEDERATED COMPANIES

FST 100 YEARS
FAY, SPOFFORD & THORNDIKE
ENGINEERS · PLANNERS · SCIENTISTS
778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106
FORMERLY DELUCA-HOFFMAN ASSOCIATES

DRAWN:	KEW	DATE:	OCTOBER 2014
DESIGNED:	WGH/BEK	SCALE:	NTS
CHECKED:	WGH/SRB	JOB NO.	SP-M037B
FILE NAME:	3062-DETAIL SHEETS		
SHEET	C-7.11		