

NON-PERFORATED

−12" DIA. PERFORATED <del>−−−</del>

SUBDRAIN HEADER PIPE

INVERT EL. (H)

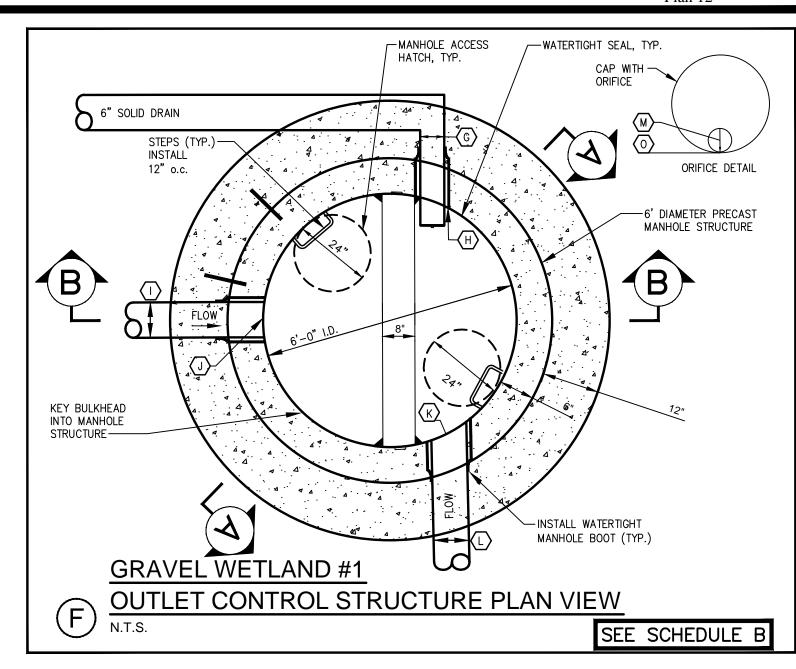
SUBDRAIN PIPE

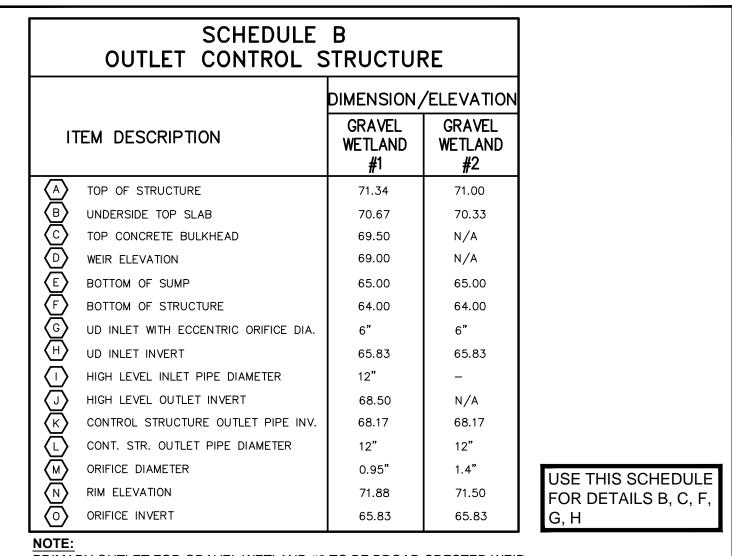
**SECTION VIEW A-A** 

		GRAVEL	GRAVEL	
.D.	DESCRIPTION	WETLAND	WETLAND	
		BASIN #1	BASIN #2	
(A)	STORM DRAIN INLET PIPE DIA. (IN.)	N/A	N/A	
(B)	STORM DRAIN INLET PIPE INVERT EL.	N/A	N/A	
<u>(C)</u>	INLET FOREBAY PLUNGE POOL BOTTOM EL.	68.5	68.40	
D	INLET FOREBAY PLUNGE POOL SPILLWAY EL.	69.5	69.5	
(E)	GRAVEL WETLAND SURFACE EL.	68.5	68.5	
(F)	GRAVEL WETLAND BOTTOM SUBGRADE EL.	65.58	65.58	
(G)	15" DIAMETER RISER RIM EL.	69.5	69.5	
$\overline{\mathbb{H}}$	6" DIAMETER SUBDRAIN HEADER PIPE INVERT EL.	65.83	65.83	
	12" DIAMETER CLEANOUT RIM EL.	68.5	68.5	
(J)	INTERNAL BERM BYPASS SPILLWAY EL.	69.0	69.0	
⟨K⟩	INTERNAL BERM MINIMUM TOP EL.	70.0	70.0	
	HIGH LEVEL OUTLET PIPE DIAMETER (IN.)	12"	N/A	
M	HIGH LEVEL OUTLET PIPE INVERT EL.	68.5	N/A	
$\overline{\mathbb{N}}$	EMERGENCY SPILLWAY CHANNEL EL.	N/A	69.0	
0	CONTAINMENT BERM MINIMUM TOP EL.	70.00	71.00	
$\overline{\mathbb{P}}$	STORM DRAIN OUTLET PIPE DIAMETER	12"	12"	

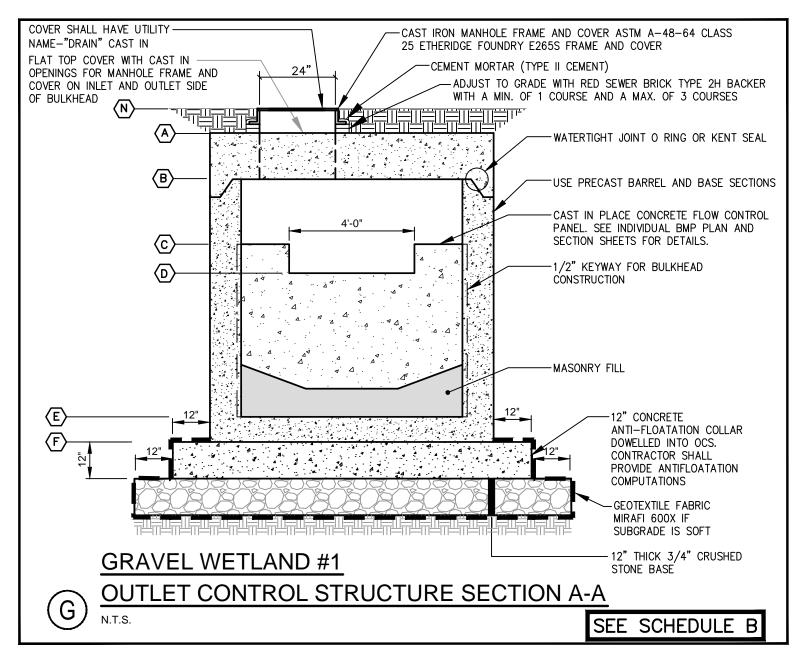
FOR DETAIL A

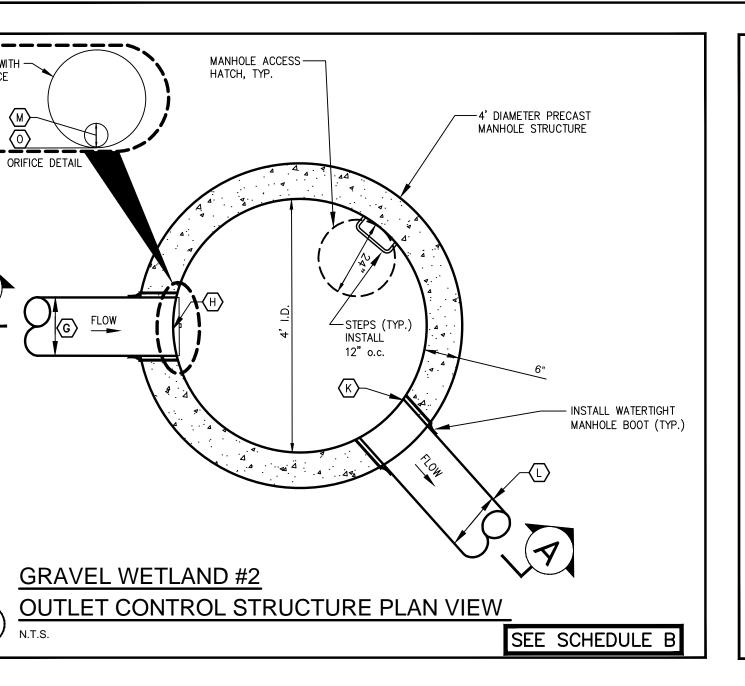
SCHEDULE A SUBSURFACE GRAVEL WETLANDS





PRIMARY OUTLET FOR GRAVEL WETLAND #2 TO BE BROAD CRESTED WEIR SCHEDULE B OUTLET CONTROL STRUCTURE





TYPICAL GRAVEL WETLAND BASIN DETAIL

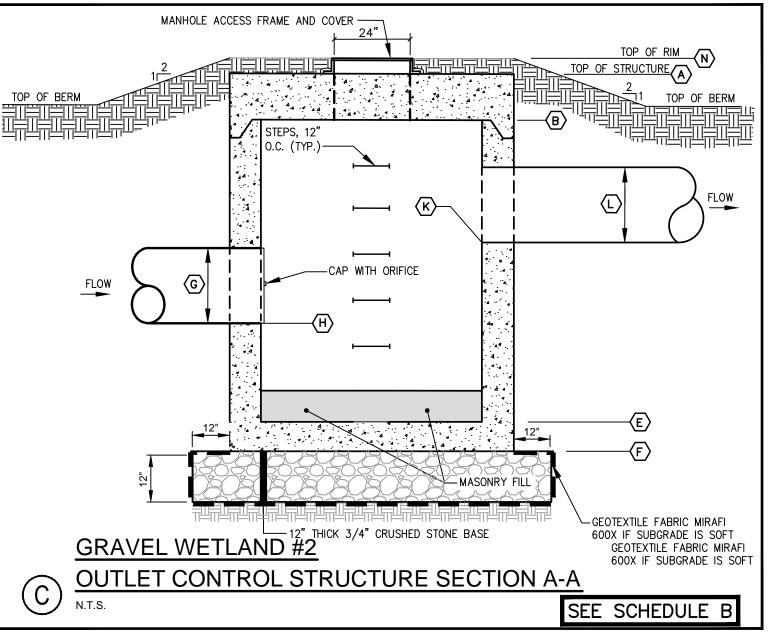
ORIFICE

ORIFICE DETA

SOIL SECTION - SEE

SUBDRAIN HEADER PIPE

DETAIL (B)



6" DIA. NON-PERFORATED

SEE SCHEDULE A FOR

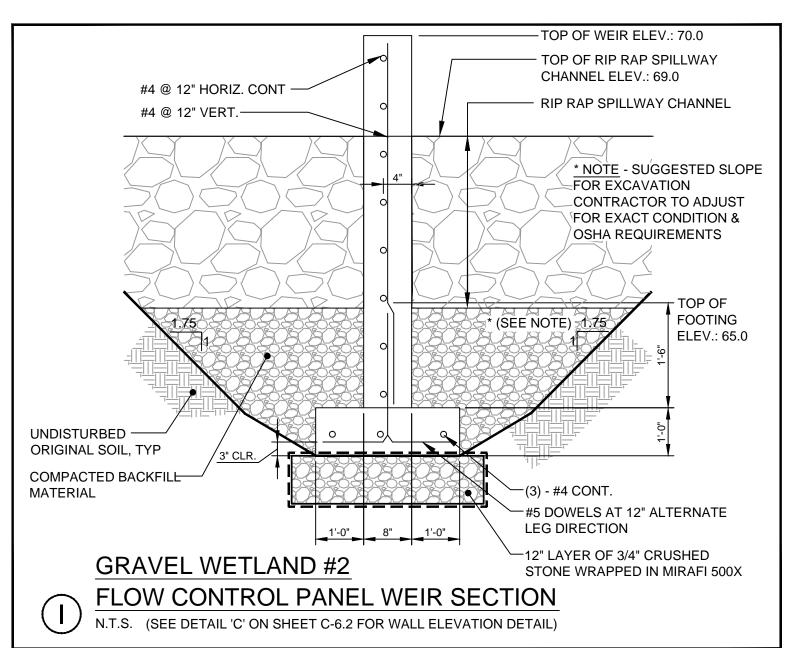
CONSTRUCTION

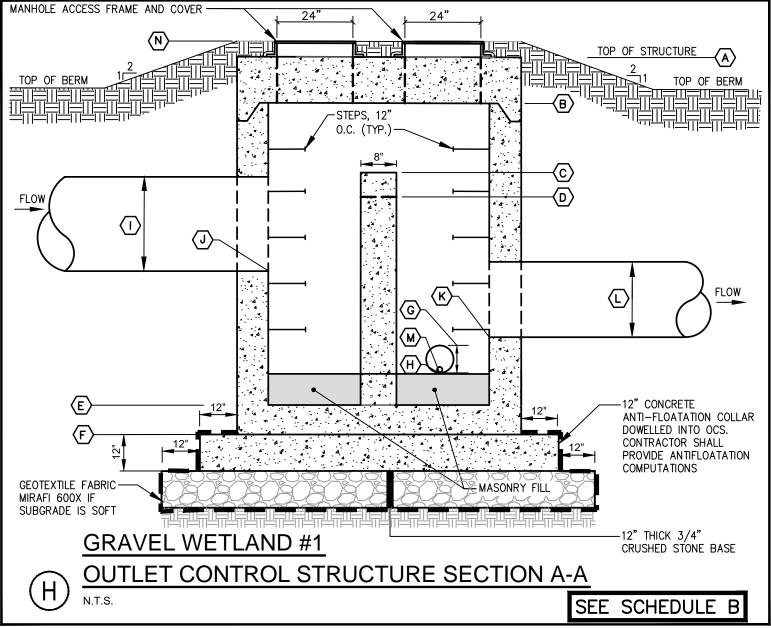
DIMENSIONAL INFORMATION

FOR GRAVEL WETLAND BASIN

SUBDRAIN PIPE

INVERT EL. (H)





			TEPHEN R	
2	04.17.14	FINAL PLAN SUBMISSION TO CITY	WILLIAM WAY	
1	02.10.14	SUBMITTED TO CITY OF PORTLAND		CL
REV	DATE	DESCRIPTION	P.E. STEPHEN BUSHEY	
	_	REVISIONS	LIC #7429	

,	PROJECT PH WARREN AVENUE, LLC COMMERCIAL SITE 421 WARREN AVENUE	FAY, SPOFFORD & THORNDIKE, INC.  ENGINEERS · PLANNERS · SCIENTISTS  778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106				
	SHEET TITLE					
	GRAVEL WETLAND DETAILS	DRAWN:	CMW	DATE:	NOVEMBER 2013	
		DESIGNED:	SRB	SCALE:	AS NOTED	
	CLIENT PH WARREN AVENUE, LLC	CHECKED:	SRB	JOB NO.	SP-M104	
	C/O PETER HOLMES	FILE NAME:	SP-M104-DET			
	12 WILDWOOD LANE SCARBOROUGH, ME 04074	SHEET	C-4.3			