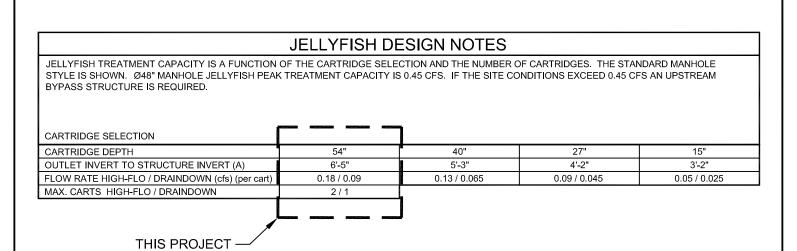
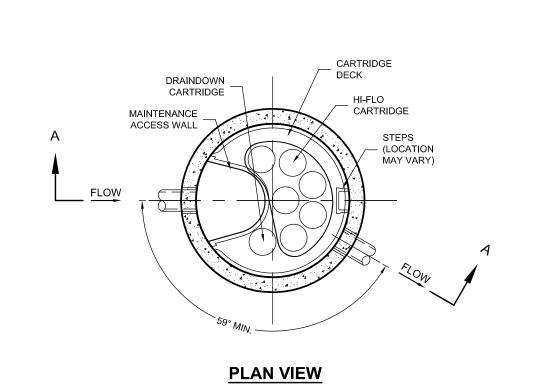


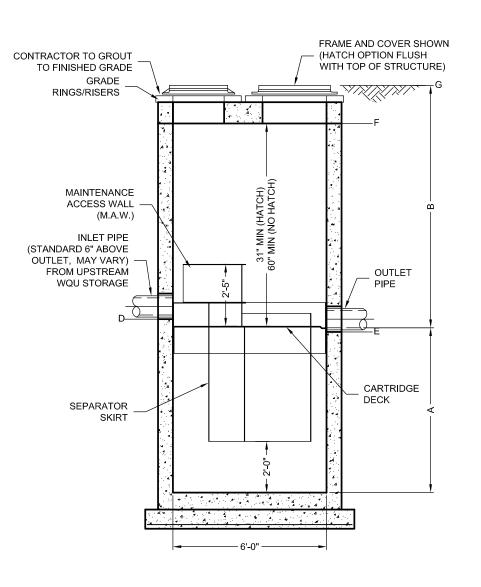
HATCH (Ø36" CAST INTO SLAB) N.T.S.

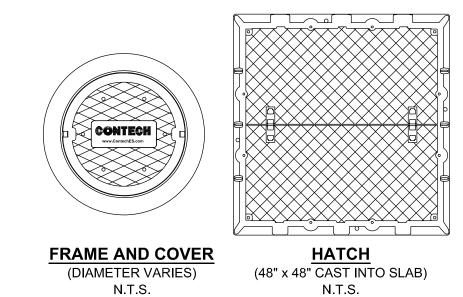




	J	Iellyfish Unit	Schedule				
Schedule ID			Stormw	ater Discha	rge Zones		
Schedule	В	С	D	D-2	D-3	E	F
A-Outlet Inv. to Bottom of Structure (ft)	6.42	6.42	6.42	6.42	6.42	6.42	6.42
B-Finished Grade to Outlet Inv.	5.55	6.31	6.98	5.43	6.98	5.34	5.98
C-Required Outflow (cfs)	0.037	0.075	0.17	0.025	0.17	0.062	0.11
D-Inlet Inv. From Water Quality Storage	11.2	11.39	10.52	10.57	10.52	13.66	10.52
E-Outlet Inv.	10.7	10.89	10.02	10.07	10.02	13.16	10.02
F-Underside of Slab	14.58	15.53	15.33	13.83	15.33	16.83	14.33
G-Rim Elevation	16.25	17.2	17	15.5	17	18.5	16
H-Underside of Slab to Outlet Inv. (ft)	3.88	4.64	5.31	3.76	5.31	3.67	4.31
Hatch Required?	YES	YES	NO	YES	NO	YES	YES







JELLYFISH TREATMENT CAPACITY IS A FUNCTION OF STYLE IS SHOWN. Ø72" MANHOLE JELLYFISH PEAK TO BYPASS STRUCTURE IS REQUIRED.	THE CARTRIDGE SELE			
CARTRIDGE SELECTION]		1
CARTRIDGE DEPTH	54"	40"	27"	15"
OUTLET INVERT TO STRUCTURE INVERT (A)	6'-5"	5'-3"	4'-2"	3'-2"
FLOW RATE HIGH-FLO / DRAINDOWN (cfs) (per cart)	0.18 / 0.09	0.13 / 0.065	0.09 / 0.045	0.05 / 0.025
MAX. CARTS HIGH-FLO / DRAINDOWN	6/1			
بار		J		

B JELLYFISH JF6 STANDARD DETAIL OFFLINE CONFIGURATION N.T.S.

DA	ZOI TA REQ		B REMENTS	<u> </u>	
STRUCTURE ID					В
WATER QUALITY FLOW RATE (cfs)				0.37	
PEAK FLOW RATE (cfs)				3.16	
RETURN PERIOD OF PEAK FLOW (yrs			W (yrs)		25
# OF CARTRIDGE	S REQUIRE	D ((HF / DD)		1/1
CARTRIDGE SIZE					54"
PIPE DATA: INLET PIPE #1	I.E.	ľ	MATERIAL	D	IAMETER 12"
	*		HDPE		
OUTLET PIPE #2	*		HDPE HDPE		12" 12"
RIM ELEVATION					16.25
ANTI-FLOTATION	SOIL		WIDTH		HEIGHT
			0.5'		12.47'
NOTES/SPECIAL MAINE DEP REQUIF CONTECH RESPON CONTROL PEAK W.	RES UPSTREA ISIBLE FOR SI	M V ZIN	VQU TO DRAIN I G INTERNAL OR	IFICE	TO

	STRUCTURE ID						
RETURN PERIOD OF PEAK FLOW (yrs) # OF CARTRIDGES REQUIRED (HF / DD) 1 / 1 CARTRIDGE SIZE 54" PIPE DATA: I.E. MATERIAL DIAMETE INLET PIPE #1 * HDPE 12" INLET PIPE #2 * HDPE 12" OUTLET PIPE * HDPE 12" RIM ELEVATION 16.29 ANTI-FLOTATION SOIL WIDTH HEIGHT 0.5' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	WATER QUALITY FLOW RATE (cfs)						
# OF CARTRIDGES REQUIRED (HF / DD) 1 / 1 CARTRIDGE SIZE 54" PIPE DATA: I.E. MATERIAL DIAMETE INLET PIPE #1 * HDPE 12" INLET PIPE #2 * HDPE 12" OUTLET PIPE * HDPE 12" RIM ELEVATION 16.29 ANTI-FLOTATION SOIL WIDTH HEIGH 0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	` ,						
CARTRIDGE SIZE 54" PIPE DATA: I.E. MATERIAL DIAMETE INLET PIPE #1 * HDPE 12" INLET PIPE #2 * HDPE 12" OUTLET PIPE * HDPE 12" RIM ELEVATION 16.29 ANTI-FLOTATION SOIL WIDTH HEIGH NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	OF PEAK F	LO	W (yrs)		25		
PIPE DATA: I.E. MATERIAL DIAMETE INLET PIPE #1 * HDPE 12" INLET PIPE #2 * HDPE 12" OUTLET PIPE * HDPE 12" RIM ELEVATION 16.29 ANTI-FLOTATION SOIL WIDTH HEIGH 0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	S REQUIRE	ED (HF / DD)		1/1		
INLET PIPE #1	=				54"		
INLET PIPE #1							
INLET PIPE #2	I.E.	N	//ATERIAL	D	AMETER		
NOTES/SPECIAL REQUIREMENTS: MAINE DEP #2	INLET PIPE #1 * HDPE 12"						
RIM ELEVATION 16.29 ANTI-FLOTATION SOIL WIDTH HEIGH 0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	INLET PIPE #2 * HDPE 12"						
ANTI-FLOTATION SOIL WIDTH HEIGH' 0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	*		HDPE		12"		
ANTI-FLOTATION SOIL WIDTH HEIGH' 0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS							
0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS					16.25		
0.5' 12.47' NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS							
NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	ANTI-FLOTATION SOIL WIDTH HEIGHT						
MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS	0.5' 12.47'						
* PER ENGINEER OF RECORD	RES UPSTREA NSIBLE FOR SI /ATER QUALIT	M W IZINO Y OL	/QU TO DRAIN I G INTERNAL OR	IFICE	ТО		
		IE (cfs) OF PEAK FES REQUIRE I.E. * * * * * * * * * * * * * * * * * *	I SOIL REQUIREMENT RES UPSTREAM W NSIBLE FOR SIZING (ATER QUALITY OL	I SOIL WIDTH O.5' REQUIREMENTS: RES UPSTREAM WQU TO DRAIN I NSIBLE FOR SIZING INTERNAL OR WATER QUALITY OUTFLOW TO REC	I SOIL WIDTH O SEQUIREMENTS: REQUIREMENTS: REQUIREMENTS: REQUIREMENTS OUTFLOW TO REQUIREMENTS OF THE PROPERTY OUTFLOW TO REQUIREMENTS OUTFLOW TO THE PROPERTY OUTF		

<u>D</u> A		<u>E D-3</u> UIREMENTS	<u> </u>	
STRUCTURE ID				D-3
WATER QUALITY	FLOW RAT	E (cfs)		0.75
PEAK FLOW RAT	E (cfs)			7.59
RETURN PERIOD	OF PEAK F	LOW (yrs)		25
# OF CARTRIDGE	S REQUIRE	ED (HF / DD)		2/1
CARTRIDGE SIZE	•	,		54"
DIDE DATA		144 T EDIA:		
PIPE DATA:	I.E.	MATERIAL	D	IAMETER
INLET PIPE #1	*	HDPE		12"
INLET PIPE #2	*	HDPE		12"
OUTLET PIPE	*	HDPE		24"
RIM ELEVATION				17.20
ANTI-FLOTATION	SOIL	WIDTH		HEIGHT
		0.5'		13.23'
NOTES/SPECIAL MAINE DEP REQUII CONTECH RESPON CONTROL PEAK W * PER ENGINEER	RES UPSTREA ISIBLE FOR S ATER QUALIT	AM WQU TO DRAIN I IZING INTERNAL OR Y OUTFLOW TO REC	IFICE	TO

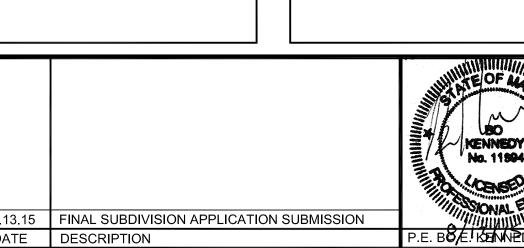
DA	ZON TA REQI		<u>C</u> REMENTS	<u> </u>		
STRUCTURE ID					С	
WATER QUALITY FLOW RATE (cfs) 0.7						
PEAK FLOW RATI	7.59					
RETURN PERIOD		25				
# OF CARTRIDGE		2/1				
CARTRIDGE SIZE	54"					
PIPE DATA:	PE DATA: I.E. MATERIAL DIAMETER					
INLET PIPE #1	*		HDPE	12"		
INLET PIPE #2	*	HDPE 12"				
OUTLET PIPE	T PIPE * HDPE 24"					
RIM ELEVATION					17.20	
ANTI-FLOTATION SOIL WIDTH HEIGHT						
			0.5'	13.23'		
NOTES/SPECIAL MAINE DEP REQUIF CONTECH RESPON CONTROL PEAK W. * PER ENGINEER	RES UPSTREAI ISIBLE FOR SIZ ATER QUALITY	M W Z I NO ′ OL	/QU TO DRAIN I G INTERNAL OR	IFICE	TO	

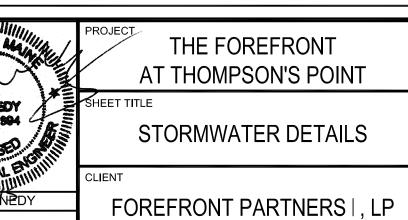
DA	ZO TA REQ		<u>E</u> REMENTS	<u>}</u>		
STRUCTURE ID					Е	
WATER QUALITY	WATER QUALITY FLOW RATE (cfs)					
PEAK FLOW RAT	E (cfs)				5.51	
RETURN PERIOD OF PEAK FLOW (yrs)					25	
# OF CARTRIDGES REQUIRED (HF / DD)					2/1	
CARTRIDGE SIZE					54"	
PIPE DATA: I.E. MATERIAL DIAMETER						
INLET PIPE #1	* HDPE 12"					
INLET PIPE #2	*		HDPE		12"	
OUTLET PIPE	*		HDPE		18"	
RIM ELEVATION					18.50	
ANTI-FLOTATION	SOIL		WIDTH		HEIGHT	
		Ī	0.5'		12.08'	
NOTES/SPECIAL MAINE DEP REQUI CONTECH RESPON CONTROL PEAK W * PER ENGINEER	RES UPSTREA NSIBLE FOR SI ATER QUALIT	AM W IZINO Y OU	QU TO DRAIN II S INTERNAL OR	IFICE	TO	

STRUCTURE ID	<u> </u>				D1
WATER QUALITY		0.17			
PEAK FLOW RATI	E (cfs)				17.37
RETURN PERIOD OF PEAK FLOW (yrs)					25
# OF CARTRIDGES REQUIRED (HF / DD)					6/5
CARTRIDGE SIZE					54"
PIPE DATA: I.E. MATERIAL DIAMETER					
INLET PIPE #1	*	<u> </u>	HDPE	12"	
INLET PIPE #2 * HDPE					12"
OUTLET PIPE * HDPE					36"
RIM ELEVATION 17.00					
ANTI-FLOTATION SOIL WIDTH				HEIGHT	
1'				13.75	
NOTES/SPECIAL MAINE DEP REQUII CONTECH RESPON CONTROL PEAK W. * PER ENGINEER	RES UPSTREA ISIBLE FOR SI ATER QUALIT	M W IZING Y OL	/QU TO DRAIN I G INTERNAL OR	IFICE	TO

ZONE F DATA REQUIREMENTS							
STRUCTURE ID					F		
WATER QUALITY FLOW RATE (cfs) 0.11							
PEAK FLOW RATI	11.21						
RETURN PERIOD	25						
# OF CARTRIDGES REQUIRED (HF / DD)					4/1		
CARTRIDGE SIZE					54"		
PIPE DATA: I.E. MATERIAL DIAMETER							
INLET PIPE #1 HDPE 12							
INLET PIPE #2 * HDPE 12"							
OUTLET PIPE					36"		
RIM ELEVATION 16.00							
ANTI-FLOTATION SOIL WIDTH				HEIGHT			
1'					12.40		
MAINE DEP REQUII CONTECH RESPON CONTROL PEAK W.	NOTES/SPECIAL REQUIREMENTS: MAINE DEP REQUIRES UPSTREAM WQU TO DRAIN IN 24-48 HOURS. CONTECH RESPONSIBLE FOR SIZING INTERNAL ORIFICE TO CONTROL PEAK WATER QUALITY OUTFLOW TO REQUIRED RATE * PER ENGINEER OF RECORD						

ZONE D-2 DATA REQUIREMENTS						
STRUCTURE ID D2						
WATER QUALITY		0.025				
PEAK FLOW RATE (cfs) 2.71						
RETURN PERIOD OF PEAK FLOW (yrs)						
# OF CARTRIDGE		11				
CARTRIDGE SIZE	54"					
DIDE DATA						
PIPE DATA: I.E. MATERIAL DIAMETER						
INLET PIPE #1 * HDPE 12"						
INLET PIPE #2 * HDPE 12"						
OUTLET PIPE * HDPE 12"						
RIM ELEVATION 15.50						
ANTI-FLOTATION SOIL WIDTH HEIGHT						
	12.35'					
NOTES/SPECIAL MAINE DEP REQUII CONTECH RESPON CONTROL PEAK W. * PER ENGINEER	RES UPSTREA ISIBLE FOR SI ATER QUALIT	M WQU TO DRAIN ZING INTERNAL O Y OUTFLOW TO RE	RIFICE	TO		





LIC. #11994

THE FOREFRONT AT THOMPSON'S POINT

STORMWATER DETAILS

FAY, SPOFFORD & THORNDIKE
ENGINEERS · PLANNERS · SCIENTISTS
778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106 DATE: SEPT 2014 DRAWN: DED DESIGNED: BEK SCALE: AS NOTED CHECKED: SRB JOB NO. SP-M007B FILE NAME: 2982.05-SUB DET C-7.3

1 08.13.15 FINAL SUBDIVISION APPLICATION SUBMISSION
REV DATE DESCRIPTION REVISIONS