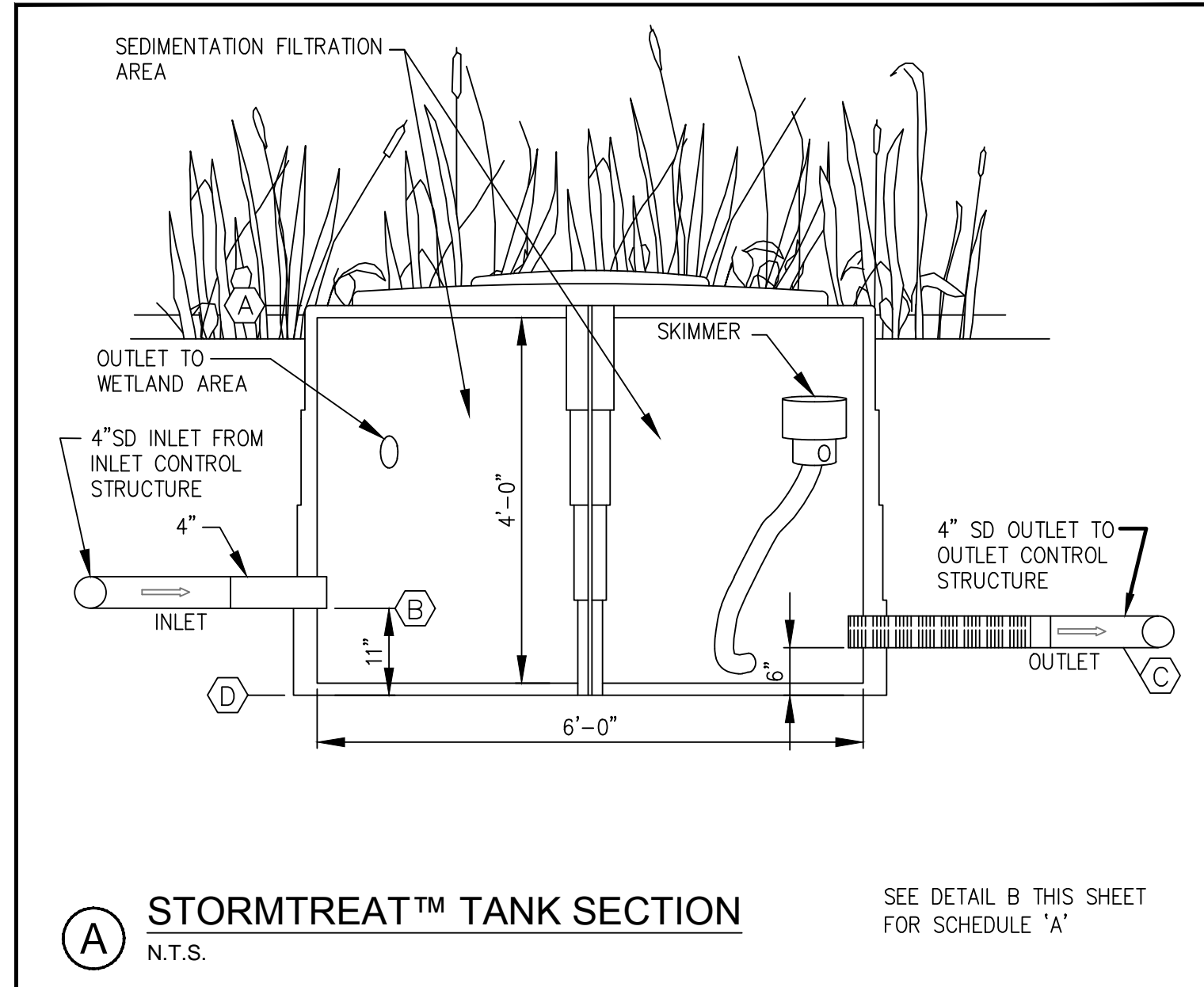
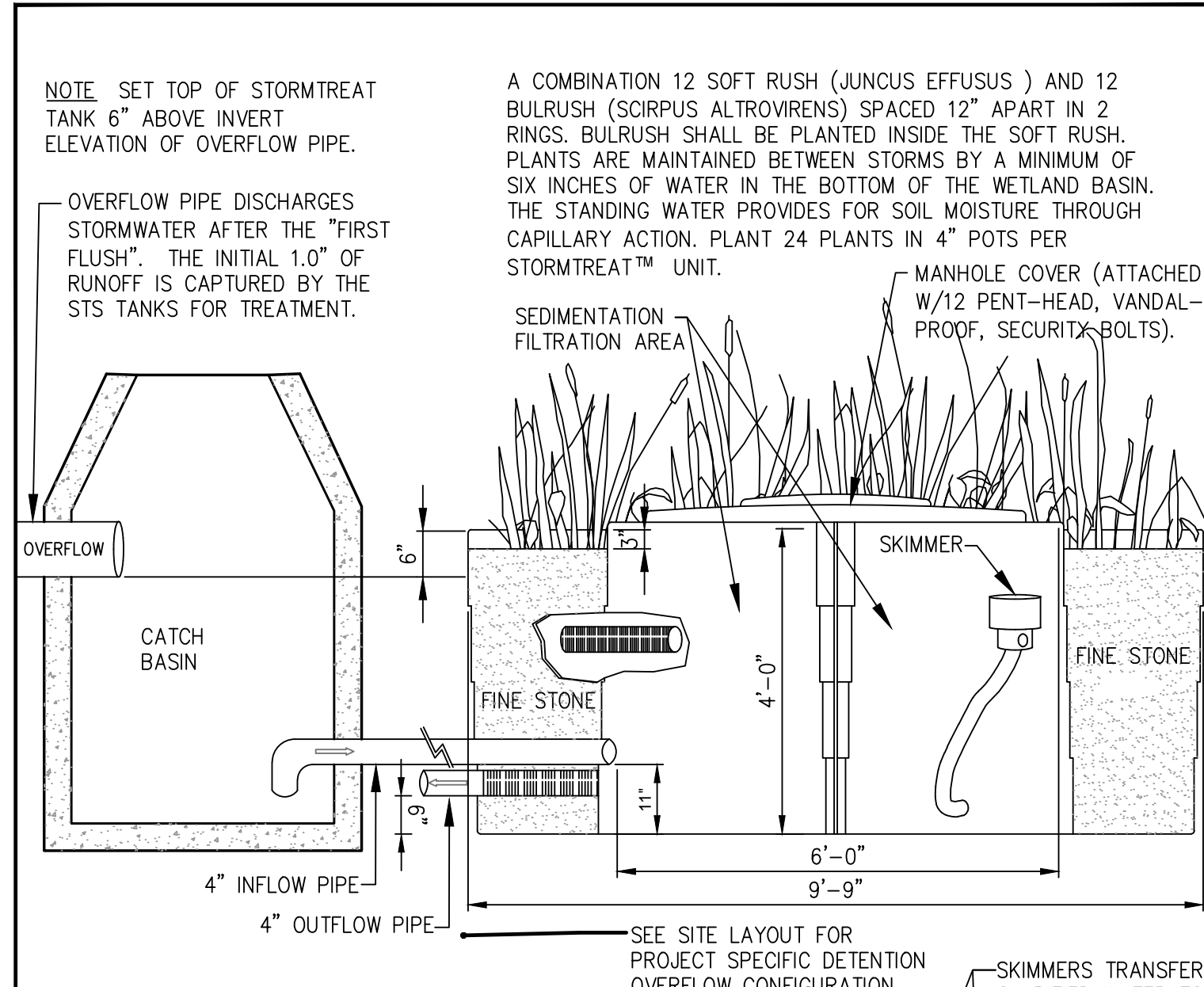


**SECTION - ILLUSTRATIVE ONLY**



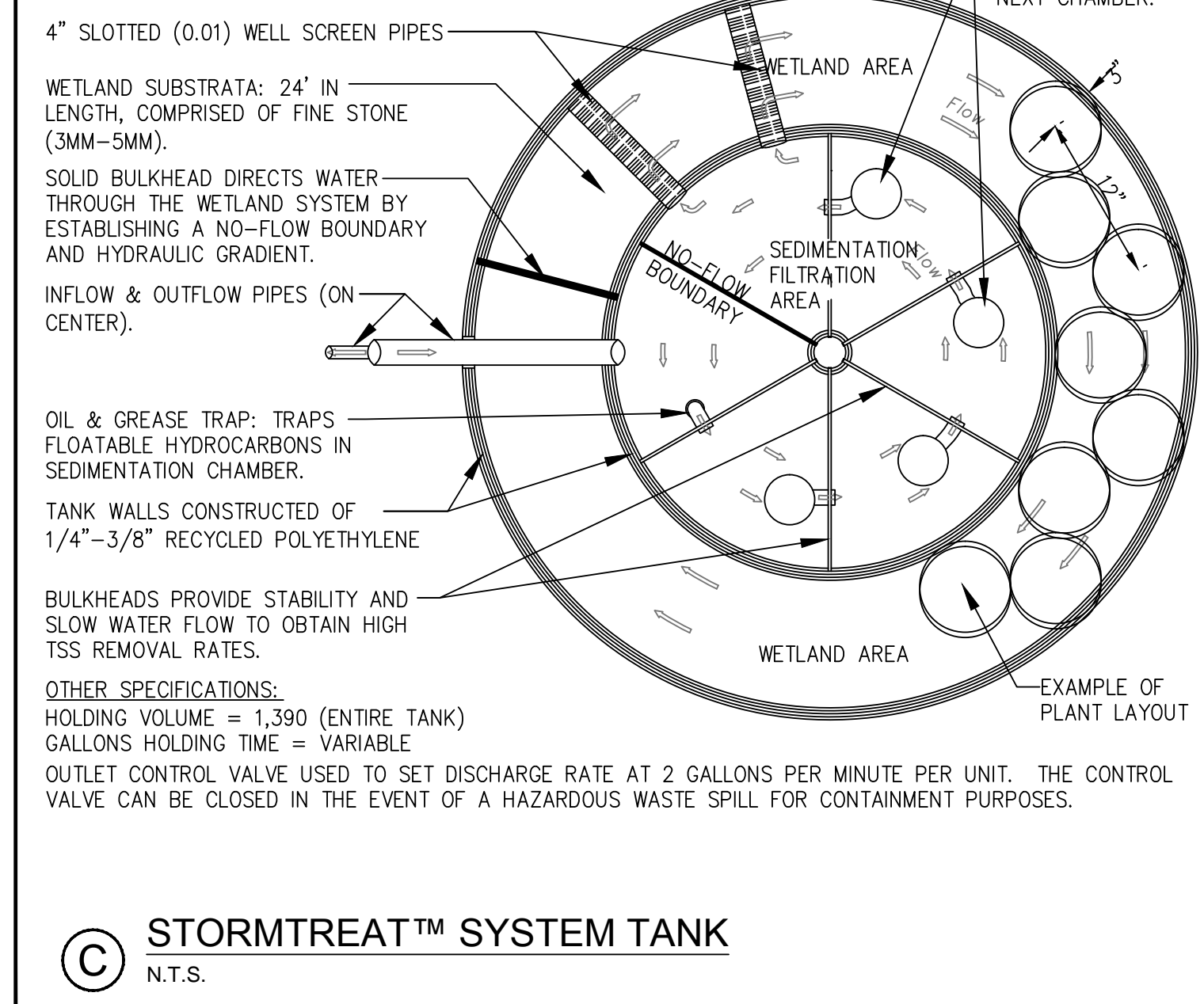
**A STORMTREAT™ TANK SECTION**  
N.T.S. SEE DETAIL B THIS SHEET FOR SCHEDULE 'A'



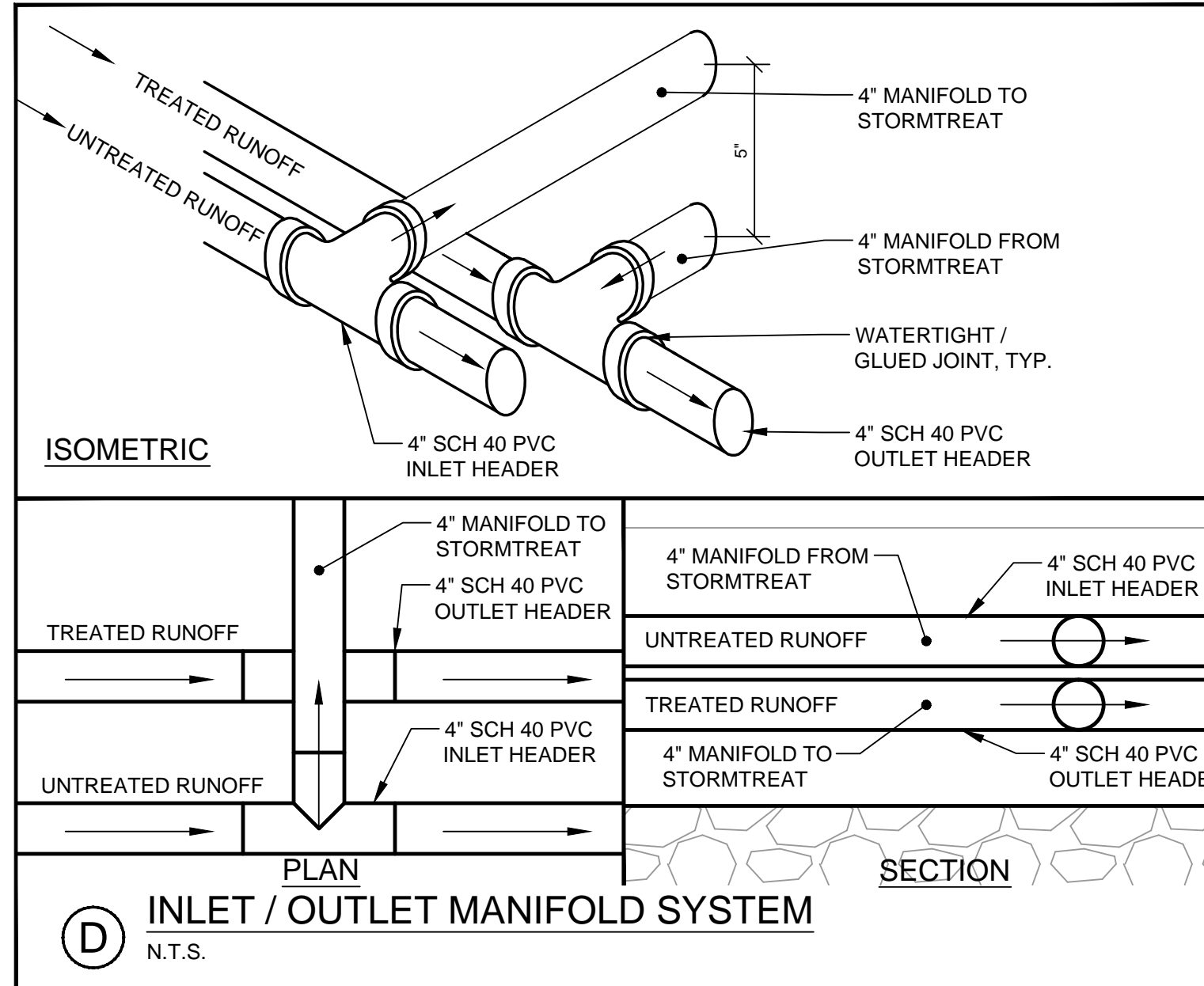
**C STORMTREAT™ SYSTEM TANK**  
N.T.S.



**B VACANT**  
N.T.S.



**D STORMTREAT™ INLET / OUTLET MANIFOLD SYSTEM**  
N.T.S.

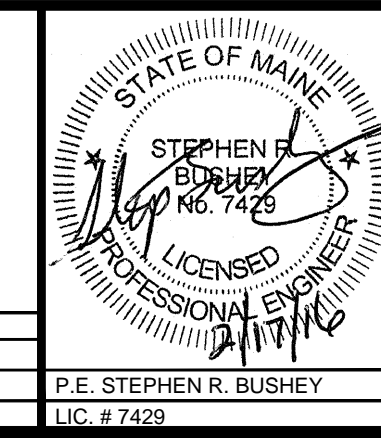


**E OUTLET CONTROL OPTION WITHOUT ACCESS STRUCTURE**  
N.T.S.

- NOTES:**
- PROJECT NOTES:**
- THIS DRAWING DEPICTS "TYPICAL" DETAILS FOR THE STORMTREAT™ UNITS DEVELOPED BY Fay, Spofford & Thorndike UNDER CONTRACT THE STORMTREAT™ SYSTEMS. THE MIDTOWN PROJECT REQUIRES 2 STORMTREAT™ UNITS (TWO FOR MIDTOWNFOUR). REFER TO GRADING AND DRAINAGE PLANS FOR ELEVATIONS. ARCHED DETENTION IS AN ALTERNATE TO THE BRENTWOOD CHAMBERS. SUBJECT TO OTHER PORTIONS OF THE PROJECT MANUAL.
- DESIGN PARAMETERS:**
- CONTRIBUTING AREA = REFER TO STORMWATER MANAGEMENT PLAN FOR THIS PROJECT.
  - DESIGN STORM = ONE INCH.
  - TOTAL WATER QUALITY VOLUME (WQV) = REFER TO STORMWATER MANAGEMENT REPORT FOR THIS PROJECT.
  - RELEASE RATE = 2 GPM PER STORMTREAT TANK.
- GENERAL NOTES:**
- ENTIRE SYSTEM FROM INLET STRUCTURE TO OUTLET STRUCTURE SHOULD BE WATERTIGHT, UNLESS DETENTION SYSTEM IS CONFIGURED FOR INFILTRATION.
  - CONFIGURATION SHOWN DOES PROVIDE SOME EXTENDED DETENTION FOR FLOW CONTROL FOR MAJOR STORM EVENTS.
  - PRETREATMENT MEASURES SHOULD BE UTILIZED PRIOR TO ENTERING DETENTION CHAMBERS.
  - UTILIZATION OF DIFFERENT PLANT SPECIES SHOULD BE VERIFIED WITH STORMTREAT SYSTEMS FOR REMOVAL EFFICIENCIES.
  - SEE STORMTREAT SPECIFICATIONS FOR INSTALLATION GUIDELINES AND REQUIREMENTS.
  - STORMTREAT UNITS SHOULD BE PROTECTED FROM TURBID RUNOFF DURING CONSTRUCTION.
  - "FINE STONE" TO MEET THE REQUIREMENTS OF THE STORMTREAT SPECIFICATION.
  - ALL ECCENTRIC REDUCERS TO BE WATERTIGHT.
  - ALL SCH 40 PVC TO BE WATERTIGHT, ALL JOINTS SHALL BE GLUED.
  - SEE SPECIFICATION FOR MAINTENANCE REQUIREMENTS.
  - ENGINEER TO SELECT APPROPRIATE SYSTEM LINER IF CHAMBERS ARE TO BE UTILIZED FOR DETENTION.

PRELIMINARY - NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	REVISIONS
2	02.17.16	FINAL SITE PLANS WITH CONDITIONS OF APPROVAL	
1	11.14.14	FINAL LEVEL III SUBMISSION TO CITY OF PORTLAND	



PROJECT	midtown PORTLAND, MAINE
SHEET TITLE	STORMWATER DETAILS STORMTREAT™ SYSTEMS
CLIENT	FEDQ DV001, LLC

<b>FAY, SPOFFORD &amp; THORNDIKE</b> ENGINEERS • PLANNERS • SCIENTISTS 778 MAIN ST., SUITE 8, SOUTH PORTLAND, ME 04106 FORMERLY DELUCA-HOFFMAN ASSOCIATES	
DRAWN: CMW	DATE: OCTOBER 2014
DESIGNED: BEK	SCALE: AS NOTED
CHECKED: SRB	JOB NO. SP-M037B
FILE NAME: 3062-DETAIL SHEETS	
SHEET	C-7.7