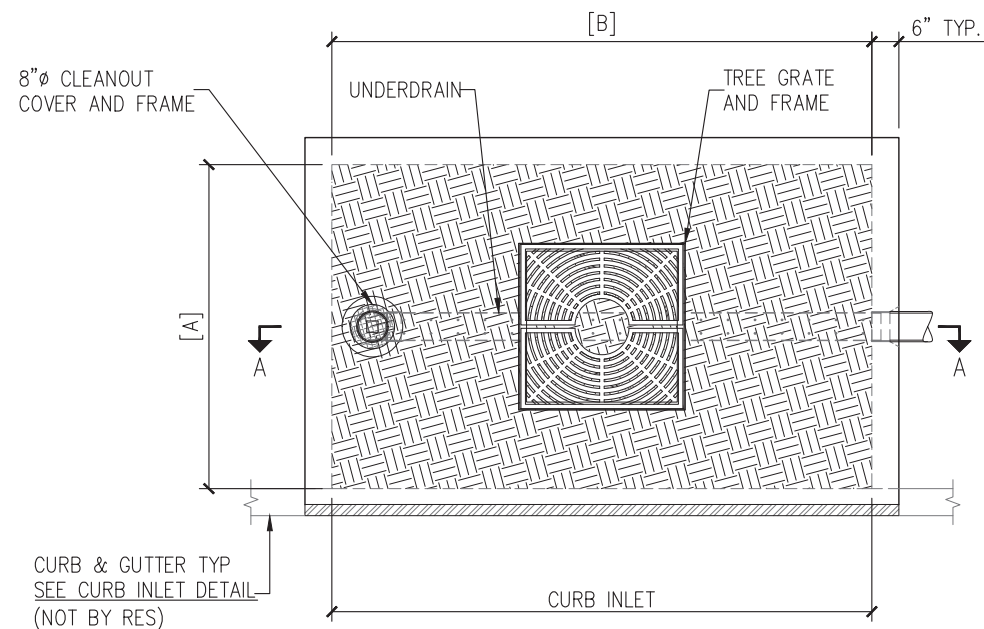
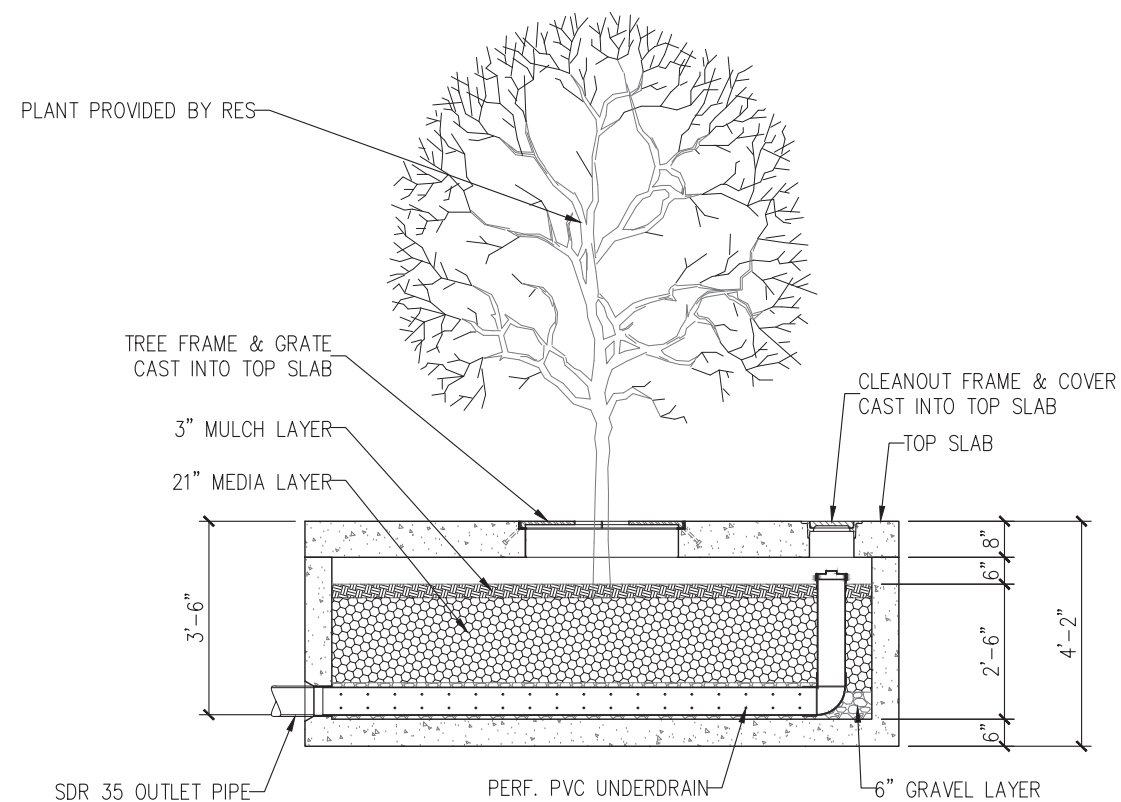


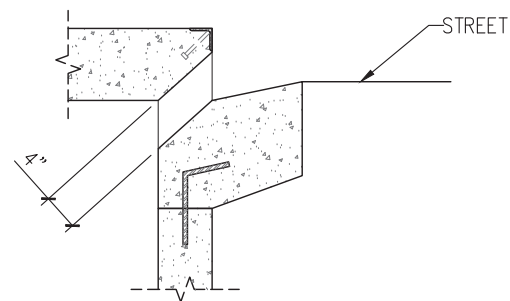


PLAN VIEW

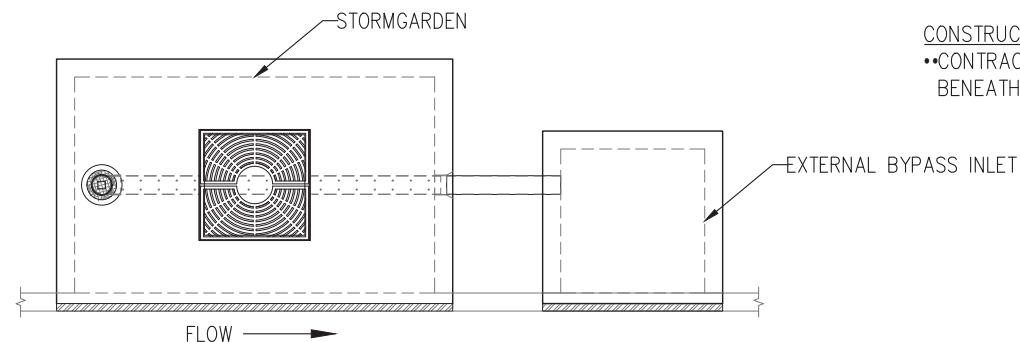


SECTION A-A

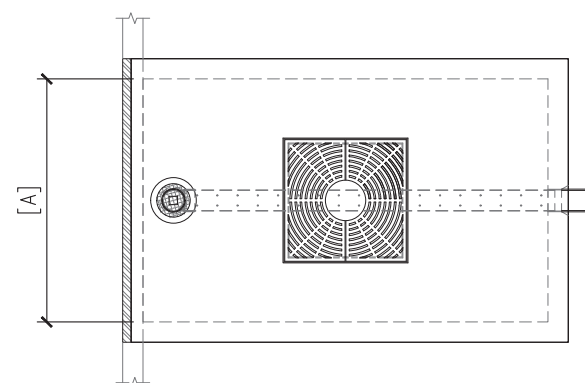
- NOTES:
1. TREATMENT FLOW CAPACITY OF 1.45 GPM/SF OF MEDIA SURFACE AREA IS BASED ON WASHINGTON ECOLOGY GULD APPROVAL FOR BASIC AND PHOSPHOROUS
 2. OTHER SIZES AVAILABLE UPON REQUEST
 3. INTERNAL PIPE CONFIGURATION MAY VARY DEPENDING UPON OUTLET LOCATION
 4. ALTERNATE LAYOUT ORIENTATION AVAILABLE



CURB INLET DETAIL



EXTERNAL BYPASS CONFIGURATION



OPTIONAL THROAT LOCATIONS

STANDARD HEIGHT CONFIGURATION					
DESIGNATION	VAULT SIZE		TREATMENT FLOW CAPACITY (GPM/CFS)	TREE GRATE QTY & SIZE	OUTLET PIPE DIA (SDR35)
	[A]	[B]			
SGT-0404	4'	4'	23.3 / 0.052	(1) 3' x 3'	4"
SGT-0406	4'	6'	34.8 / 0.078	(1) 3' x 3'	4"
SGT-0408	4'	8'	46.4 / 0.104	(1) 3' x 3'	4"
SGT-0410	4'	10'	58.0 / 0.130	(1) 3' x 3'	4"
SGT-0412	4'	12'	69.6 / 0.156	(2) 3' x 3'	4"
SGT-0606	6'	6'	52.2 / 0.117	(1) 3' x 3'	4"
SGT-0608	6'	8'	69.6 / 0.156	(1) 3' x 3'	4"
SGT-0610	6'	10'	87.0 / 0.195	(1) 3' x 3'	6"
SGT-0612	6'	12'	104.4 / 0.234	(2) 3' x 3'	6"
SGT-0713	7'	13'	132.0 / 0.295	(2) 3' x 3'	6"
SGT-0816	8'	16'	185.6 / 0.425	(2) 3' x 3'	6"

STRUCTURE DESIGN SPECIFICATIONS:

- PRECAST CONCRETE MINIMUM (28-DAY) STRENGTH 5000 PSI.
- REINFORCING BARS CONFORMING TO ASTM A 615 (FY=60 KSI).
- DESIGN LOAD: AASHTO HS-20
- STRUCTURE DESIGN TO MEET ACI 318

CONSTRUCTION NOTES:

- CONTRACTOR TO GROUT WITH NON-SHRINK GROUT (MINIMUM 3,000 PSI COMPRESSIVE STRENGTH) BENEATH TOP SLAB TO MATCH FINISHED GRADES.

**STORMGARDEN TREE VAULT
STANDARD CONFIGURATION**

