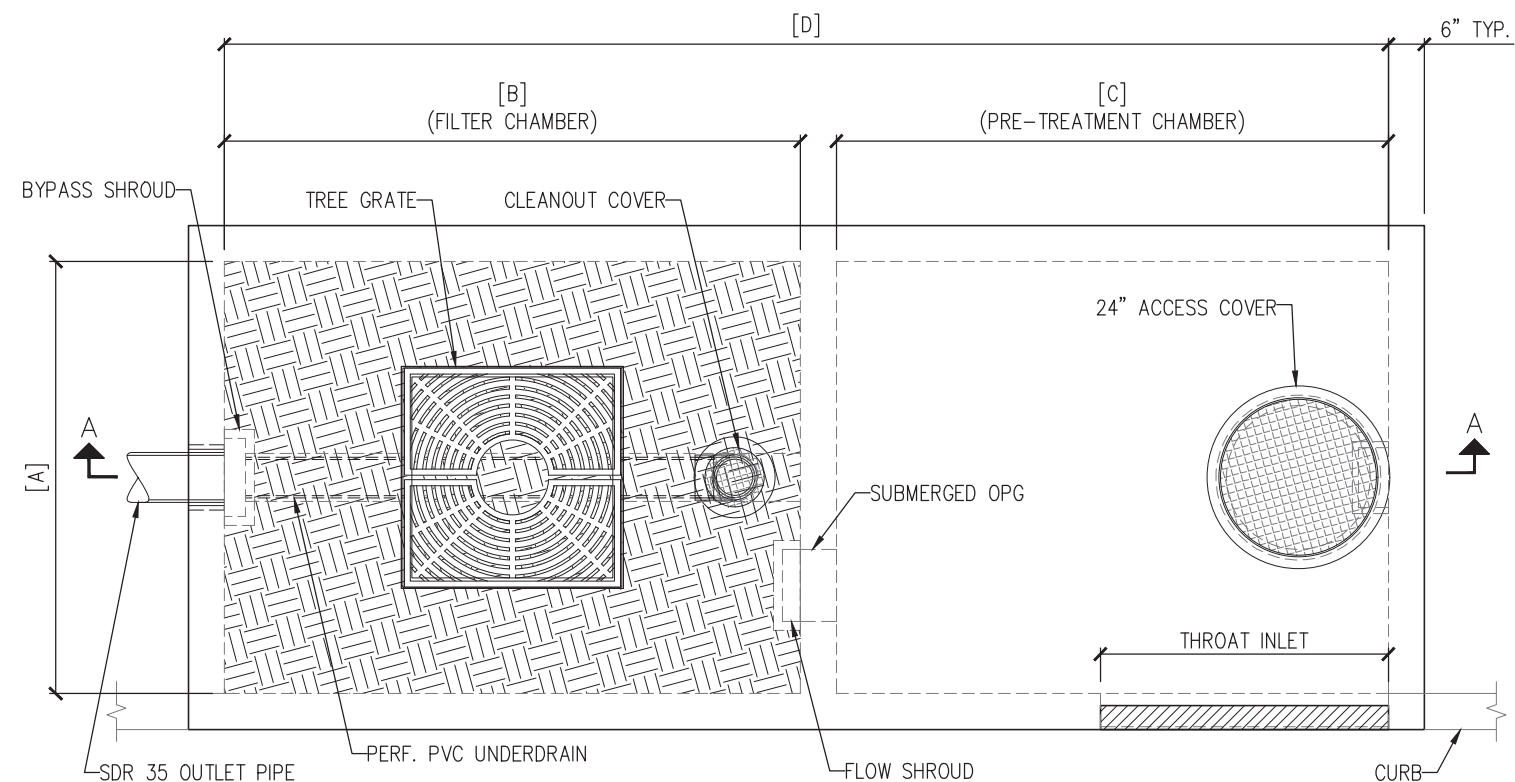
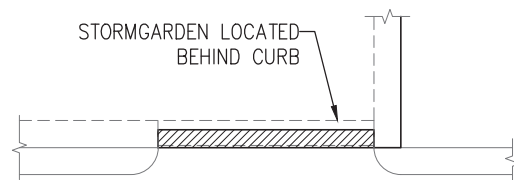
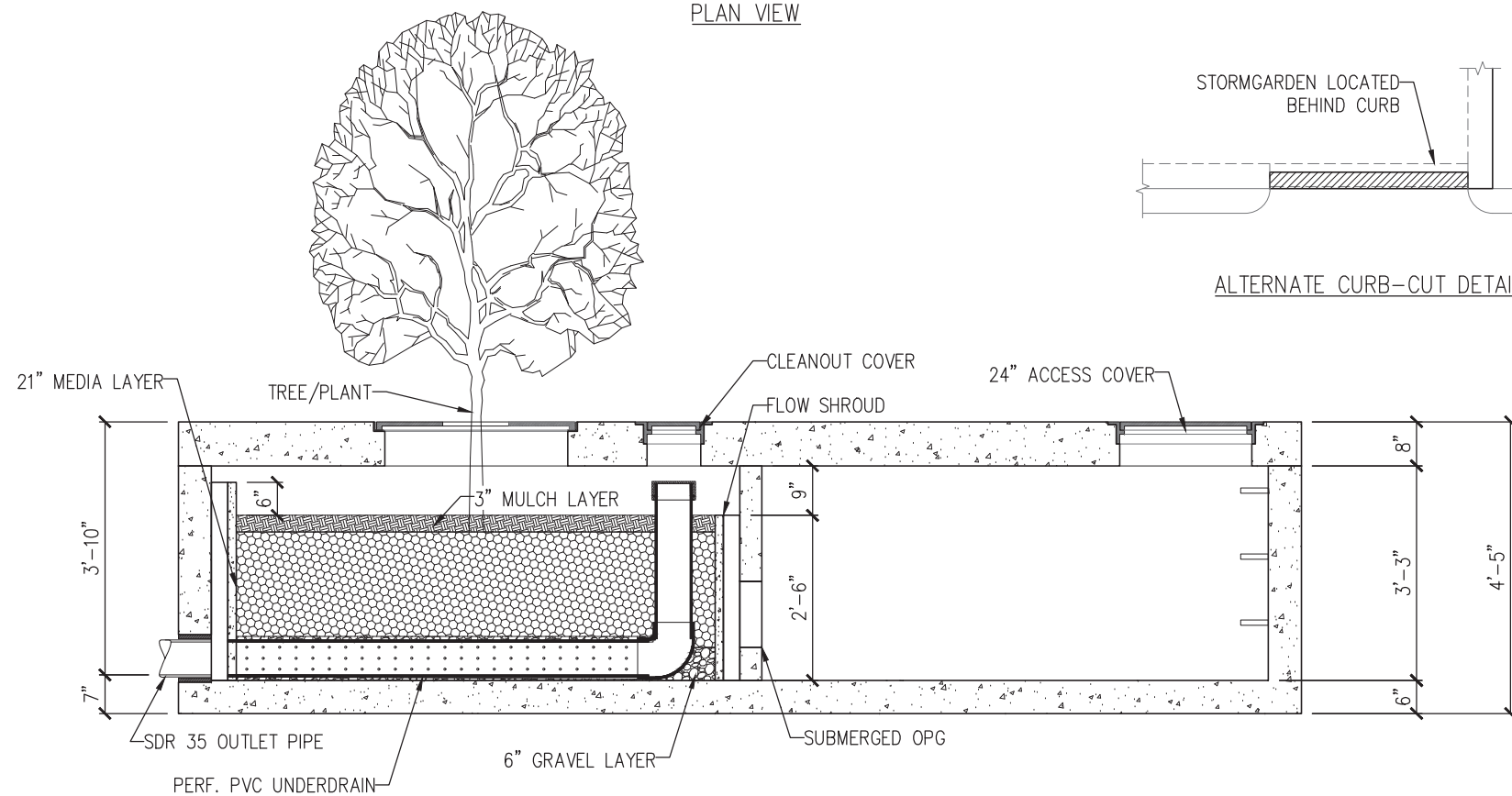




PLAN VIEW



ALTERNATE CURB-CUT DETAIL

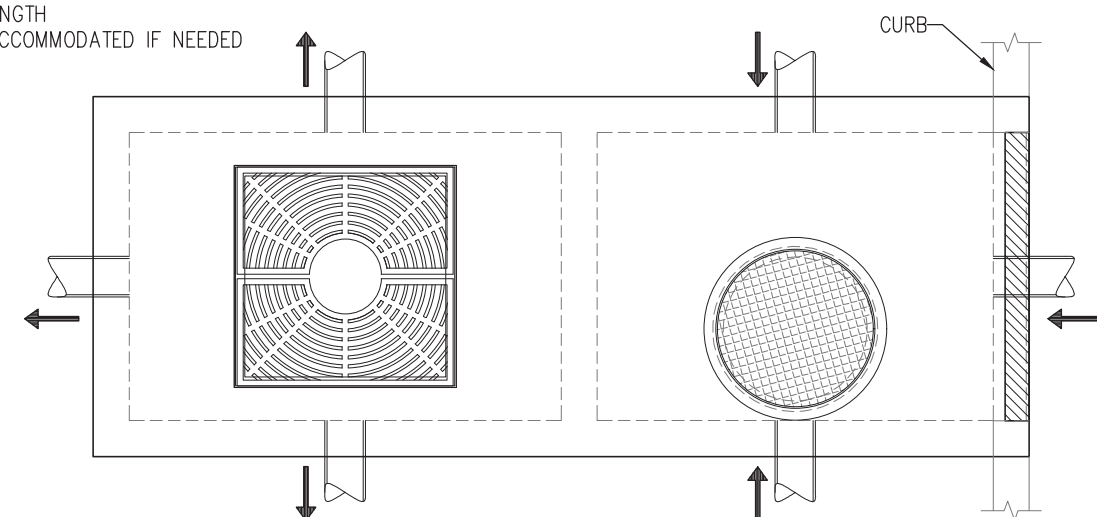


SECTION A-A

STANDARD HEIGHT CONFIGURATION (LONG SIDE INLET)											
DESIGNATION	[A]	[B]	[C]	[D]	TREATMENT FLOW CAPACITY (GPM/CFS) ¹	THROAT INLET LENGTH	TREE GRATE QTY & SIZE	OUTLET PIPE DIA (SDR35)	STORAGE CAPACITY PRIOR TO FILTRATION (CF)	WQV EQUIVALENT VOLUME (CF)	BYPASS FLOW CAPACITY (CFS)
SGPTBP-0404	4'	4'	3'-6"	8'	23.3 / 0.052	3'	(1) 3' x 3'	4"	50.0	200	0.69
SGPTBP-0406	4'	6'	5'-6"	12'	34.8 / 0.078	3'	(1) 3' x 3'	4"	78.0	312	0.69
SGPTBP-0408	4'	8'	7'-6"	16'	46.4 / 0.104	4'	(1) 3' x 3'	4"	106.0	424	0.69
SGPTBP-0606	6'	6'	5'-6"	12'	52.2 / 0.117	4'	(1) 3' x 3'	4"	117.0	468	0.69
SGPTBP-0608	6'	8'	7'-6"	16'	69.6 / 0.156	4'	(1) 3' x 3'	4"	159.0	636	0.69
SGPTBP-0610	6'	10'	8'-6"	19'	87.0 / 0.195	5'	(1) 3' x 3'	6"	183.0	732	0.69
SGPTBP-0706	7'	6'	6'-6"	13'	61.1 / 0.136	4'	(1) 3' x 3'	4"	157.5	630	0.69
SGPTBP-0710	7'	10'	9'-6"	20'	101.8 / 0.227	5'	(2) 3' x 3'	6"	234.5	938	0.69
SGPTBP-0810	8'	10'	9'-6"	20'	116.4 / 0.259	6'	(2) 3' x 3'	6"	268.0	1072	0.69
SGPTBP-0811	8'	11'	10'-6"	22'	127.9 / 0.285	6'	(2) 3' x 3'	6"	296.0	1184	0.69

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
5. BYPASS WEIR ASSUMED TO BE 20" LENGTH
6. LARGE BYPASS FLOWRATES CAN BE ACCOMMODATED IF NEEDED



OPTIONAL PIPE & THROAT LOCATIONS

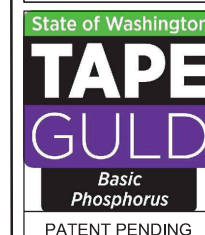
STRUCTURE DESIGN SPECIFICATIONS:

- 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
PRE-TREATMENT CONFIGURATION W/ BYPASS



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