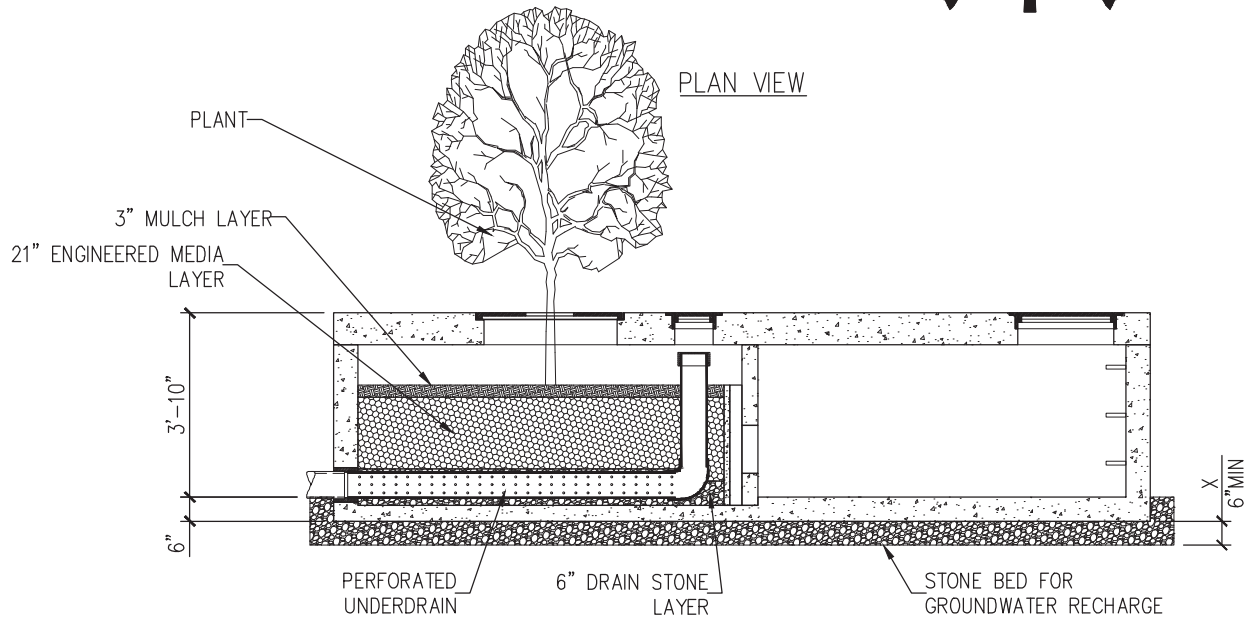
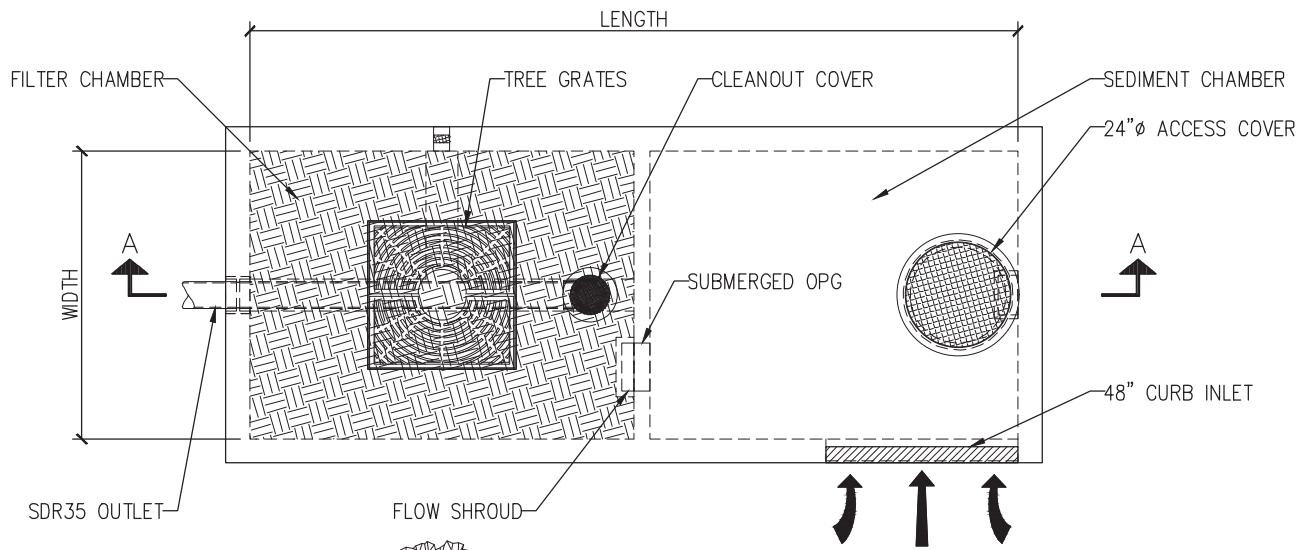


NOTES:

- LEFT CONFIGURATION SHOWN, MIRROR RIGHT CONFIGURATIONS ARE AVAILABLE TO ACCOMMODATE OTHER OUTLET PIPE LOCATIONS.
- A SEPARATE BYPASS STRUCTURE IS REQUIRED IF THE PEAK FLOW RATE EXCEEDS THE TREATMENT CAPACITY OF THE STORMGARDEN®
- OTHER SIZES AVAILABLE UPON REQUEST.
- CONTACT ROTONDO ENVIRONMENTAL SOLUTIONS FOR ENGINEERING ASSISTANCE AND DETAILED DRAWINGS.
- THE OWNER IS RESPONSIBLE FOR THE SURVIVAL OF THE VEGETATION AND MUST IRRIGATE AS NECESSARY.



SECTION A-A

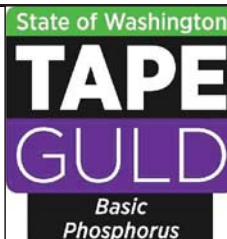
MODEL	INSIDE VAULT DIMENSIONS	FILTER CHAMBER DIMENSIONS	TREATMENT AREA (SF)	PRETREATMENT STORAGE VOL (CF)	ESDv VOL EQUIVALENT (CF)	STONE BED VOID STORAGE ¹		OUTLET PIPE DIAMETER (SDR 35)
						6" STONE BED VOL (CF) ²	INCREMENTAL VOL (CF/IN) ³	
SGPT 6'X4'	12'X4'	6'X4'	24	92	368	21	2.8	4"
SGPT 8'X4'	16'X4'	8'X4'	32	124	496	26	3.6	4"
SGPT 6'X6'	12'X6'	6'X6'	36	138	552	27	3.8	4"
SGPT 7'X6'	13'X7'	7'X6'	42	183	732	32	4.5	4"
SGPT 8'X6'	16'X6'	8'X6'	48	186	744	34	4.8	4"
SGPT 10'X6'	19'X6'	10'X6'	60	212	848	39	5.6	6"
SGPT 8'X8'	16'X8'	8'X8'	64	248	992	41	6.0	6"
SGPT 10'X8'	20'X8'	10'X8'	80	307	1,228	50	7.4	6"
SGPT 11'X8'	22'X8'	11'X8'	88	339	1,356	55	8.0	6"

NOTES-

1. STONE VOIDS USED TO STORE WATER FOR GROUNDWATER RECHARGE
2. VOLUME BASED ON VOID STORAGE OF 6" STONE BED (x=6").
3. INCREMENTAL VOID STORAGE VOLUME BASED ON 1" BED DEPTH TO BE ADDED TO 6" BED VOLUME.
EXAMPLE: ASSUME 12" BED DEPTH (x=12") FOR SGPT 6'X4', $V_{TOTAL} = ((12"-6") \times (2.8 \text{ CF/IN})) + 21 \text{ CF} = 37.8 \text{ CF}$.
4. OTHER SIZES AVAILABLE UPON REQUEST.



By **ROTONDO**
Environmental Solutions LLC
703-212-4830 | www.rotondo-es.com



CURB INLET WITH PRETREATMENT

DRAWING NO. SG-PT	REVISION	DATE 07-01-19	DRAWN BY FRJ	DRAWING NO. 2 OF 2 PATENT PENDING
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