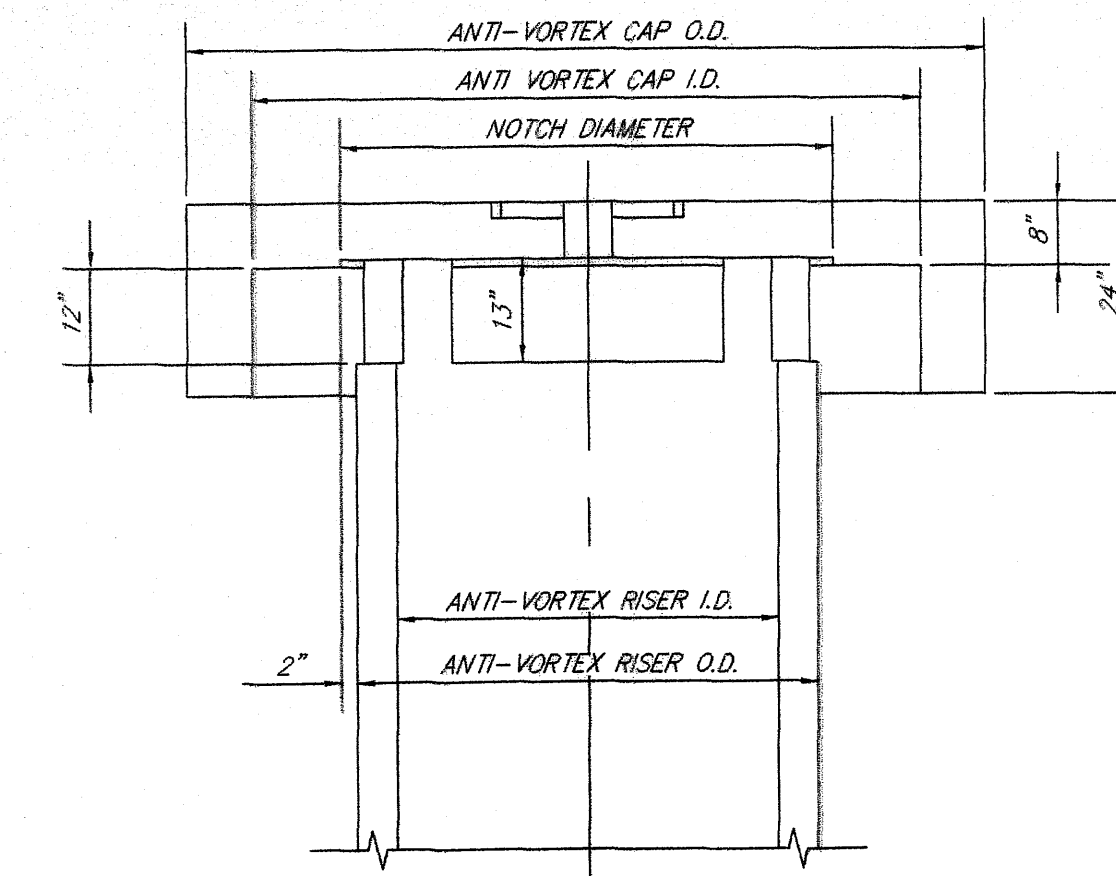
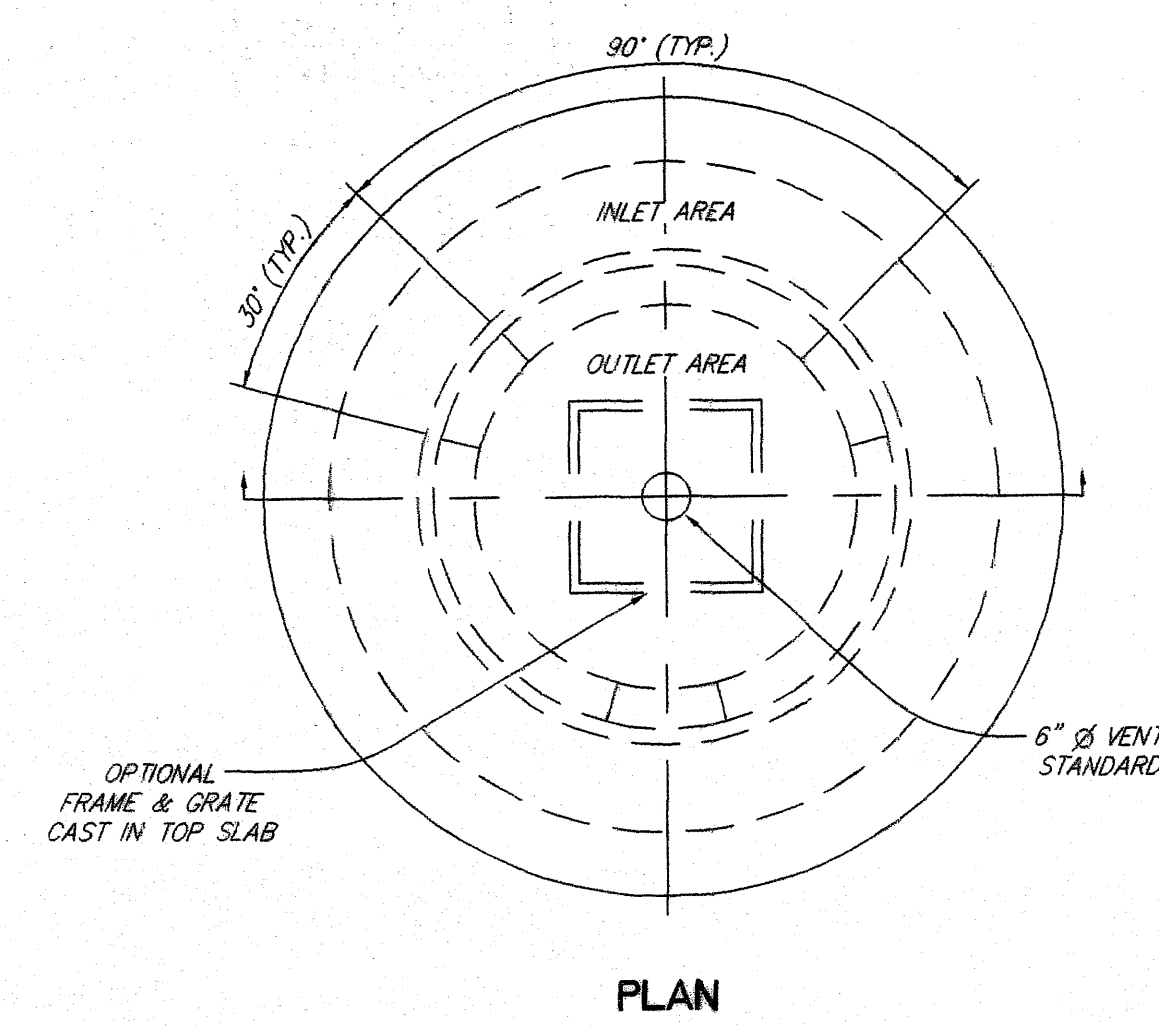
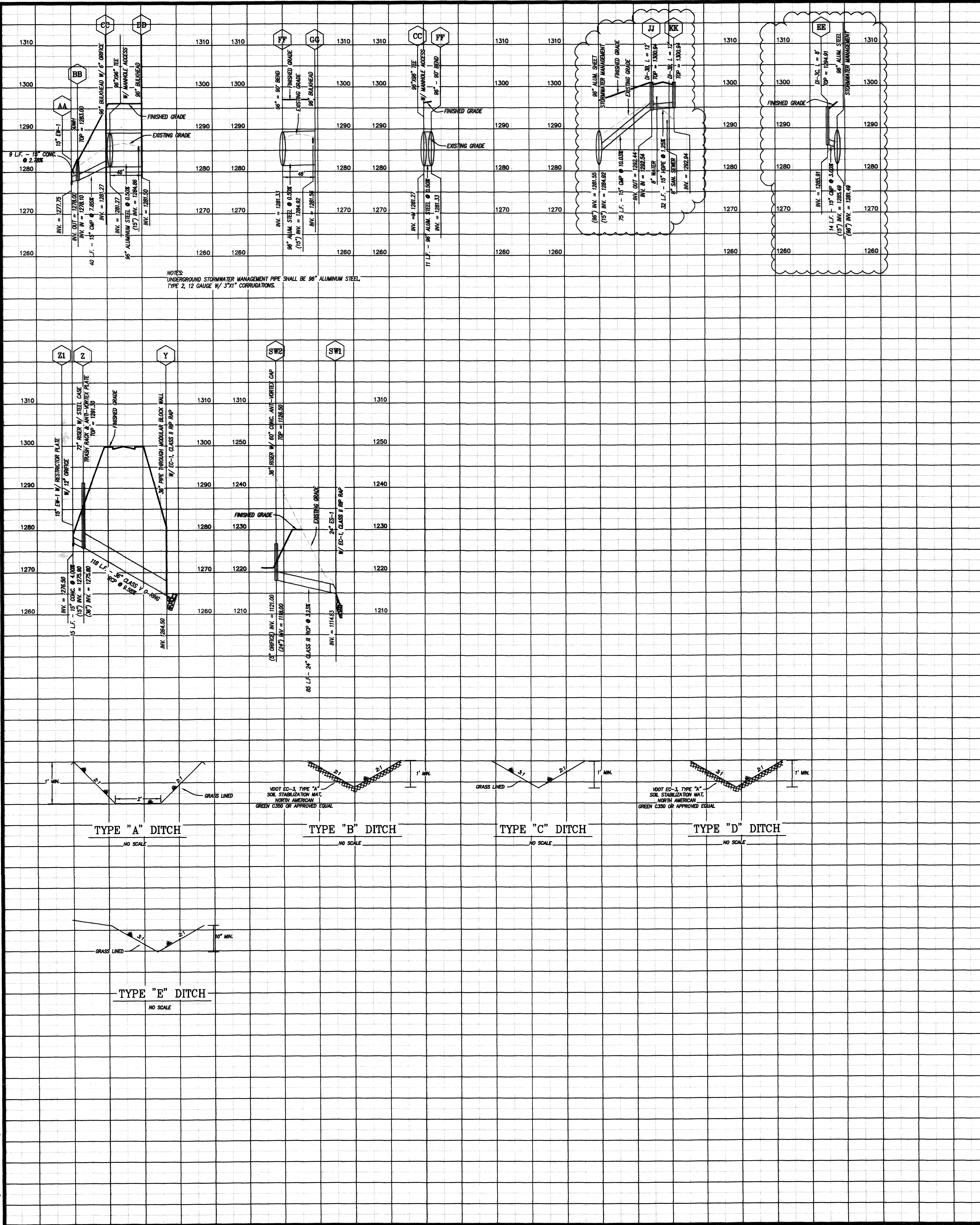
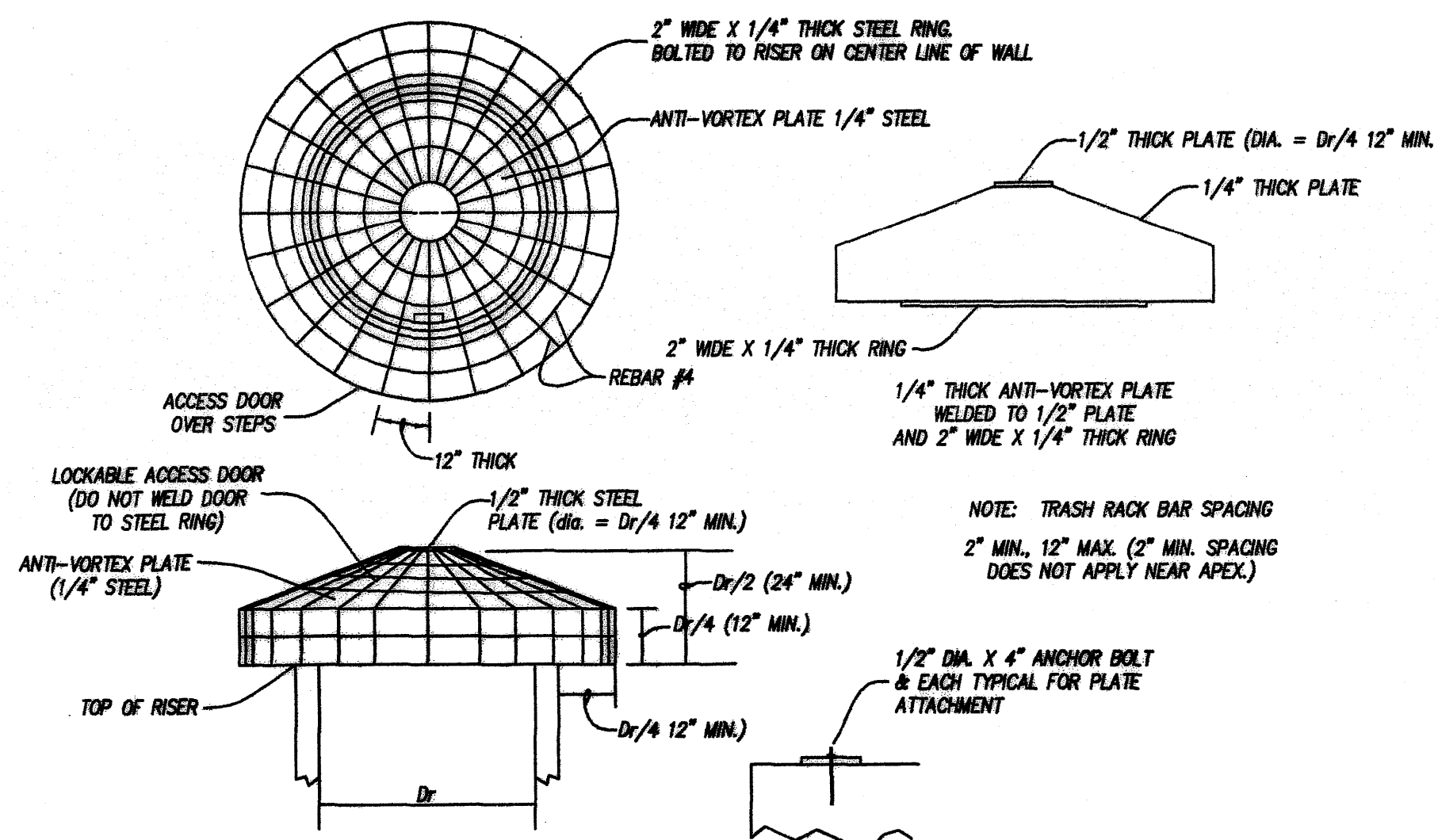
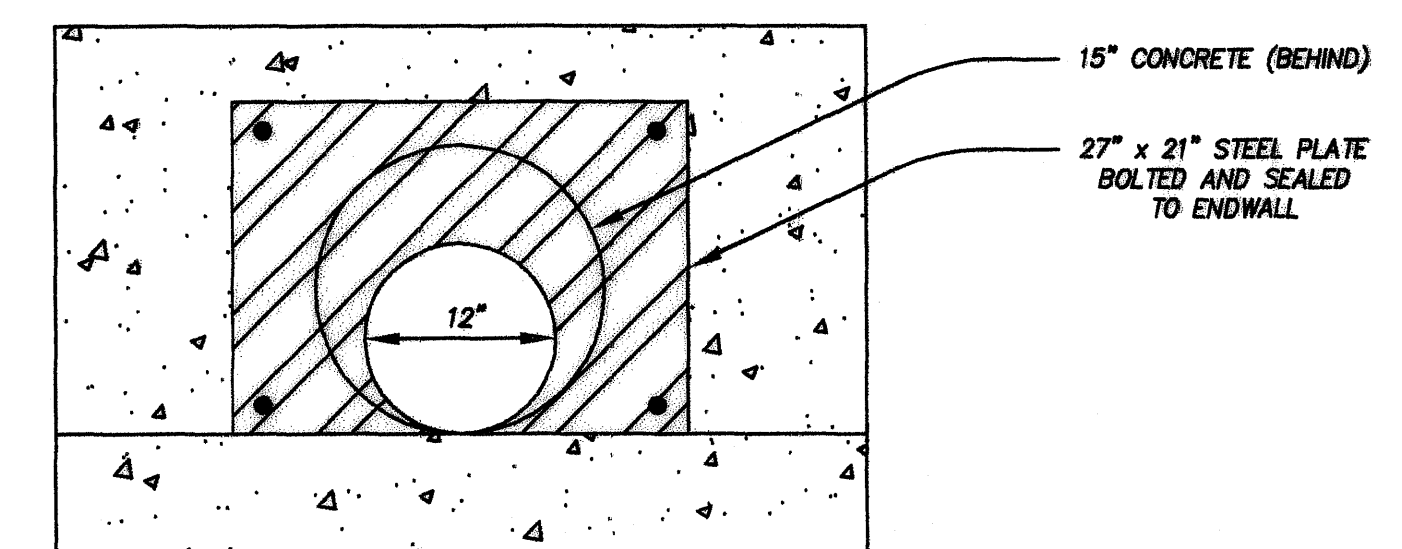




**STORMWATER MANAGEMENT #1
PRE-CAST ANTI-VORTEX DEVICE**



**STORMWATER MANAGEMENT #2
ANTI-VORTEX TRASH RACK**



- NOTE:**
1. ANTI-VORTEX DEVICE (CAP AND RISER) MANUFACTURED IN ACCORDANCE WITH ASTM C478.
 2. DIMENSIONS SUBJECT TO PERMISSIBLE VARIATIONS OF ASTM C478.
 3. INLET AREA (AREA BETWEEN DEVICE I.D. AND RISER O.D.) IS GREATER THAN OUTLET AREA (AREA OF RISER I.D.).
 4. SLAB REINFORCEMENT TO BE ASTM A615 #4 BARS @ 8" E-W. CIRCUMFERENTIAL REINFORCEMENT TO BE A501 #3 @ 0.150' DIA. NO. 5 X NO. 5 W/P MINIMUM. MATERIAL PROPERTIES: $f_y = 60$ ksi, $f_c = 4$ ksi. CONCRETE COVER OVER REINFORCEMENT (COVER) = 1", UNLESS NOTED.
 5. DI-1 FRAME & GRATE IS AVAILABLE FOR 48" I.D. RISERS AND LARGER.

RISER I.D.	RISER O.D.	ANTI-VORTEX CAP I.D.	ANTI-VORTEX CAP O.D.	NOTCH DIAMETER	APPROX. CAP WEIGHT
24"	30"	48"	54"	34"	1.49 T
27"	33 1/2"	60"	66"	37 1/2"	2.28 T
30"	36"	72"	78"	40"	2.22 T
36"	42"	84"	90"	46"	3.16 T
42"	48"	96"	102"	52"	4.27 T
48"	54"	108"	114"	58"	4.20 T
54"	60"	120"	126"	64"	5.40 T
60"	66"	132"	138"	70"	5.39 T
66"	72"	144"	150"	76"	6.83 T
72"	78"	156"	162"	82"	8.97 T
78"	84"	168"	174"	88"	8.90 T