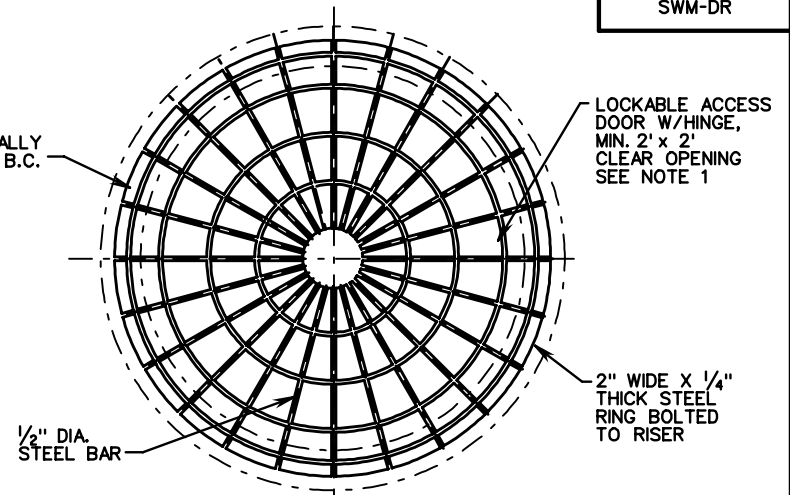


3/8" DIA. X 6" LG. ADHESIVE BOLTS W/FLAT WASHERS AND SELF LOCKING NUTS TYPICAL 8 PLACES-EQUALLY SPACED ON AN "E" DIA. B.C.

LOCKABLE ACCESS DOOR W/HINGE, MIN. 2' x 2' CLEAR OPENING SEE NOTE 1

3/8" DIA. X 6" LG. ADHESIVE BOLTS W/FLAT WASHERS AND SELF LOCKING NUTS. TYPICAL 8 PLACES-EQUALLY SPACED ON AN "E" DIA. B.C.

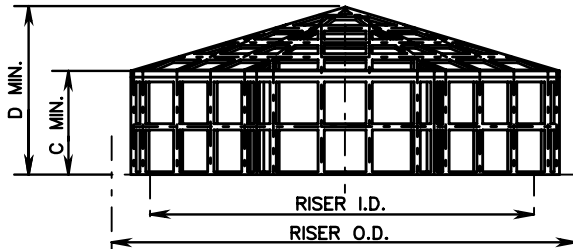


LOCKABLE ACCESS DOOR W/HINGE, MIN. 2' x 2' CLEAR OPENING SEE NOTE 1

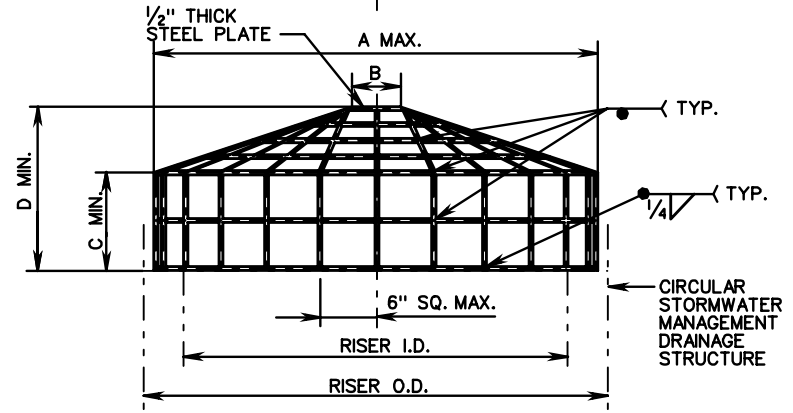
2" WIDE X 1/4" THICK STEEL RING BOLTED TO RISER

1/2" DIA. STEEL BAR

1/2" THICK STEEL PLATE



CIRCULAR STORMWATER MANAGEMENT DRAINAGE STRUCTURE



CIRCULAR STORMWATER MANAGEMENT DRAINAGE STRUCTURE

RISER		DIMENSION					APPROX. WT. (LBS.)
I.D.	O.D.	A	B	C	D	E	
24	30	31	28 ⁵ / ₈	7	11	27	24
36	44	45	41 ¹ / ₂	13	19	40	58
48	58	59	54 ¹ / ₂	13	21	53	86
60	72	73	67 ¹ / ₂	17	28	66	135
72	86	87	80 ³ / ₈	23	35	79	204
84	100	101	93 ³ / ₄	25	39	92	266
96	114	115	106 ¹ / ₄	22	38	105	305

HIGH DENSITY POLYETHYLENE

RISER		DIMENSION					APPROX. WT. (LBS.)	
I.D.	O.D.	A	B	C	D	E	SEGMENT	
24	30	30	6	7	10	27	15	46
36	44	42	6	13	18	40	22	82
48	58	55	9	13	20	53	29	120
60	72	68	9	17	26	66	36	169
72	86	81	9	23	34	79	42	227
84	100	94	12	25	37	92	49	290
96	114	107	12	22	36	105	56	341

METAL

NOTES:

1. A HINGED, LOCKABLE ACCESS DOOR SHALL BE PROVIDED ON ALL TRASH RACKS IF THE TOTAL WEIGHT OF THE TRASH RACK IS GREATER THAN 75 LBS OR IF THE TRASH RACK IS TO BE PLACED ON A SWM-1 WITH AN "H" DIMENSION GREATER THAN 7'-2".

2. ANTI-VORTEX PLATE IS TO BE USED WHEN SPECIFIED ON THE PLANS. COST OF FURNISHING AND PLACING THE ANTI-VORTEX PLATE IS TO BE INCLUDED IN THE BID PRICE FOR THE STRUCTURE.

SPECIFICATION REFERENCE

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STORMWATER MANAGEMENT DETAILS TRASH RACK FOR SWM DRAINAGE STRUCTURES

VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 4 OF 5

114.07