

Job Name: 26-2642 - Daviess County Detention Center
 Job Location: Owensboro, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

10/13/2026 2:57:16 PM

Tech: J. Coppage

PC: A. Chambers



Structure ID: AMH2 SS-MH

P1 MH048BAEVFD-CDARED

MH BASE w/DROP/FLG Cust. Ht. w/ConBlock-CDA Red

- P4) 24" - CASTING HEIGHT - 7"
 P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 36"
 P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 48"
 P1) 48" - MH BASE w/DROP/FLG Cust. Ht. w/ConBlock-CDA Red - 63"
 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
 1) CASTING - HOE MC-315 F/C RWRA
 2) 48" - Conseal CS-102 1.00" (Double)
 1) 24" - Conseal CS-102 1.00" (Double)
 3) PSX - 12-08 NYLO
 1) Drop Tee - 8" PVC
 1) Drop Elbow - 8" PVC
 12) MH Step ML-10-TDS-NCR - 10"

- Structure Notes:
 1. JR HOE MC-315 SAN. PROVIDED BY ICAST.
 2. PER ASTM C478 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. ADMIXTURE = CONBLOCK CDA RED.
 5. REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

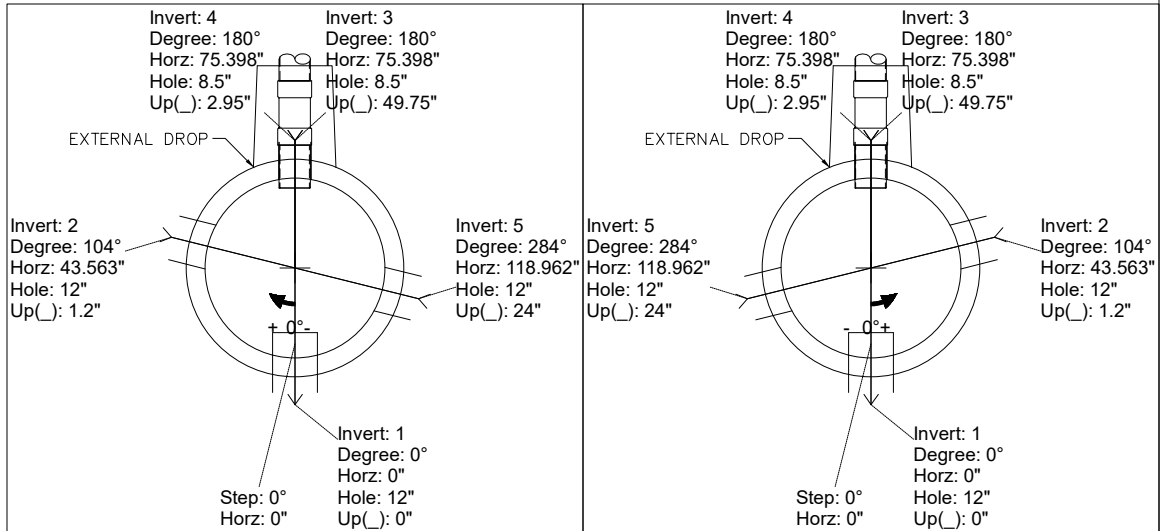
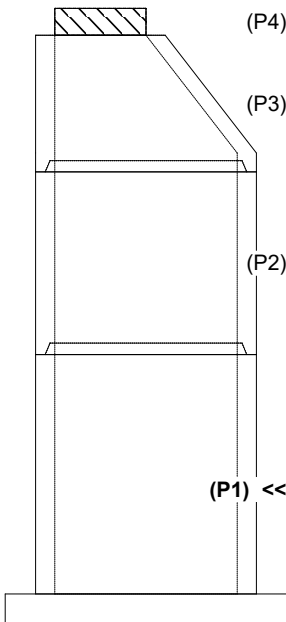
Structure Total: 16945 lb

Rim: 400.22' Rim to Invert: 12.72' Slack: 0.64" Sump: 2" Step Position: 0°

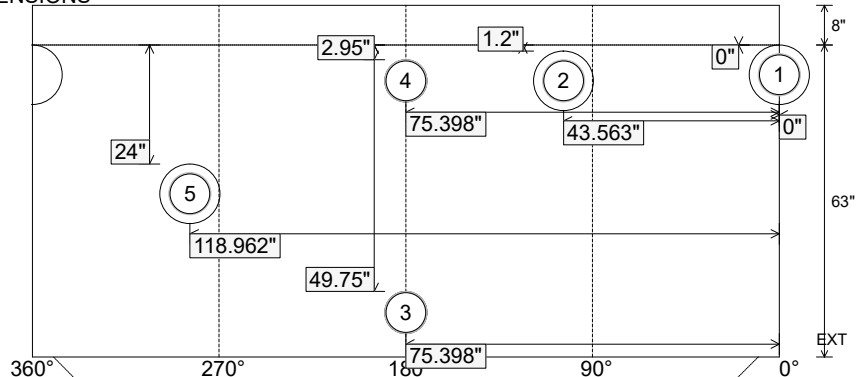
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	387.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	387.6'	104°	52.639"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3	391.5'	180°	91.106"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.545"	49.75"	0"
Invert 4	387.6'	180°	91.106"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.545"	2.95"	0"
Invert 5	389.5'	284°	143.745"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	24"	0"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 8"

Height (Int): 63"
 Height (Ext): 71"

Weight (Net): 9619 lb
 Volume (Net): 2.46cu.yd

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**INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT**

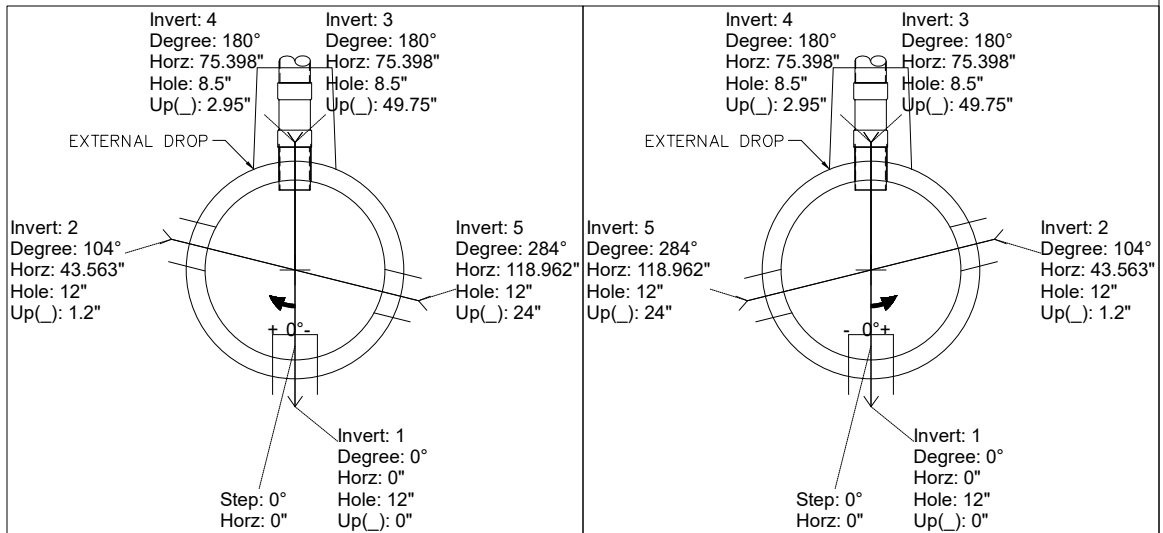
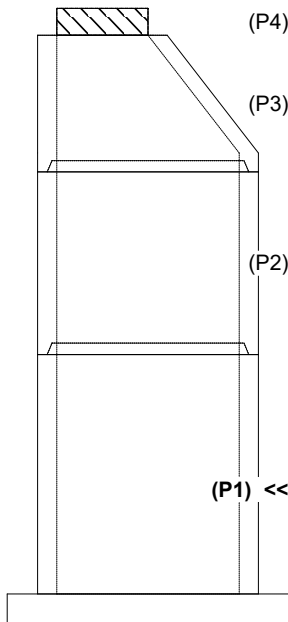
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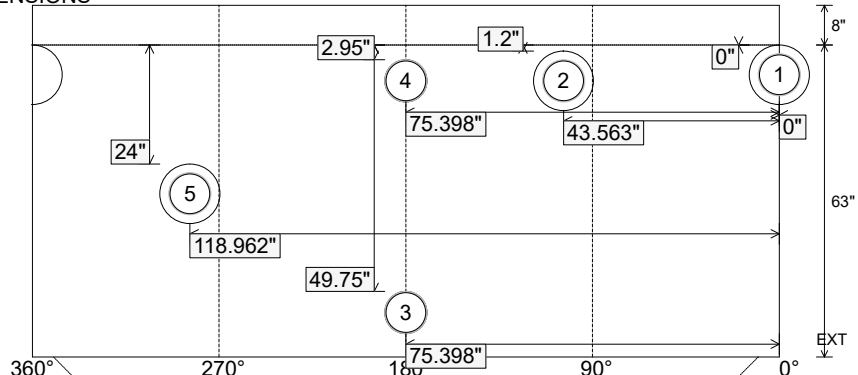
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