

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements	Plant: 100	Tech: J. Horsley - A	
Job Location: Fort Mitchell, KY 41017	3/20/2026 1:21:06 PM	PC: Celina Goff	
Contractor: Lykins Contracting			

Structure ID: 2301527

P1 MH072BAVF

MH BASE Custom Ht T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - CON CONE w/24" HOLE F/G - 36"	2252 lb
P2) 72" - MH Transition Slab 48" Hole T/G - 15"	3864 lb
P1) 72" - MH BASE Custom Ht T/n - 79"	13725 lb
1) 72" - MH INVERT CHANNEL - FULL HEIGHT	5422 lb
1) 72" - Conseal CS-102 1.00" (Double)	0 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) A-Lok - 1235	2 lb
1) Kor-N-Seal2 - S206-18L	6 lb
10) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	25271 lb

Structure Notes:

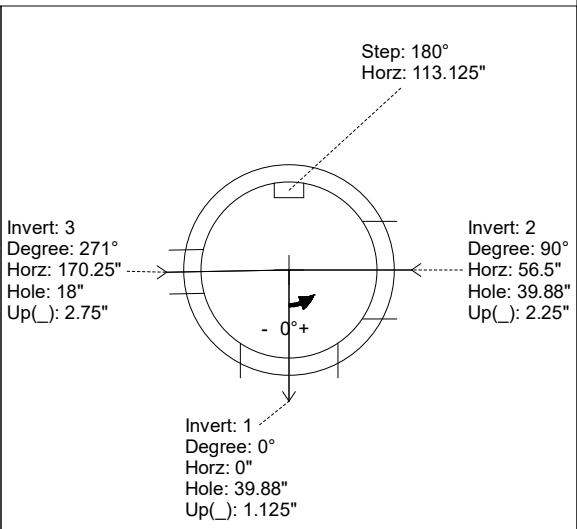
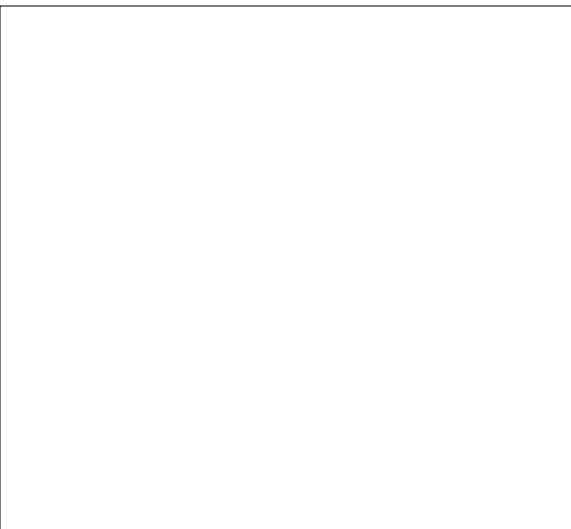
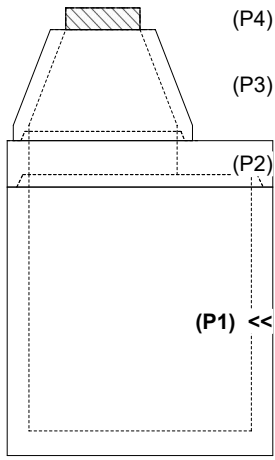
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
 - WALLS: PER ASTM A615 - DOUBLE MAT
 - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
- INVERT CHANNEL REQUIRED
- STEPS AT 180 DEGREES
- 7" CASTING SUPPLIED BY OTHERS

Rim: 739.69' Rim to Invert: 11.4' Slack: 2.8" Sump: 3" Step Position: 180°

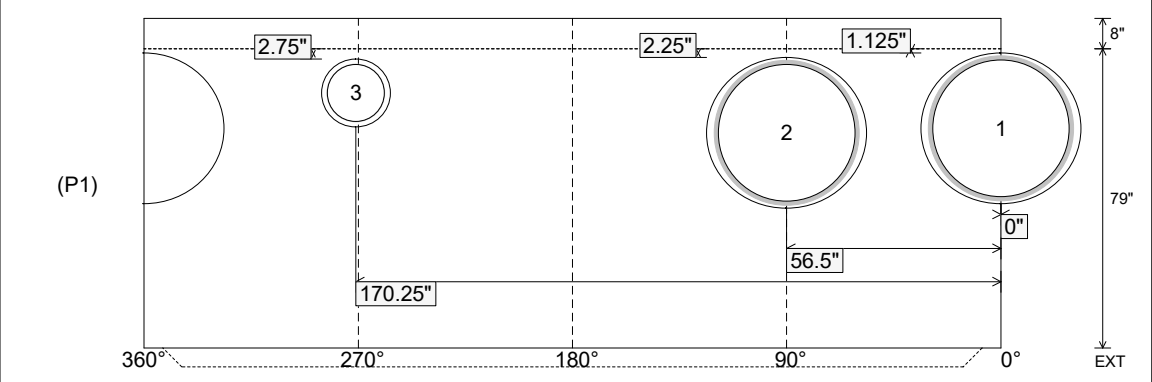
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	728.29'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	42.266"	1.125"	0"
Invert 2	728.39'	90°	67.5"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	42.266"	2.25"	0"
Invert 3	728.39'	271°	203.375"	15" PVC SDR35	15.3"	Kor-N-Seal2 S206-18L	18"	18.193"	2.75"	0"
Invert 4										
Invert 5										
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: 7" Floor Height: 8"	Height (Int): 79" Height (Ext): 87"	Weight (Net): 13725 lb Volume (Net): 3.51cu.yd
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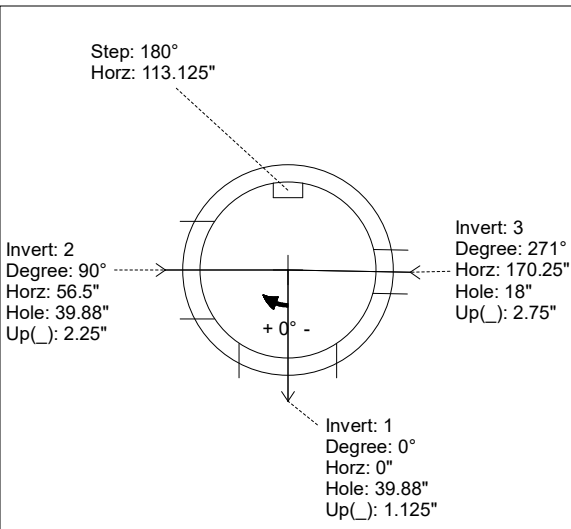
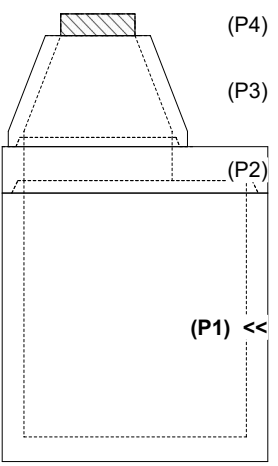
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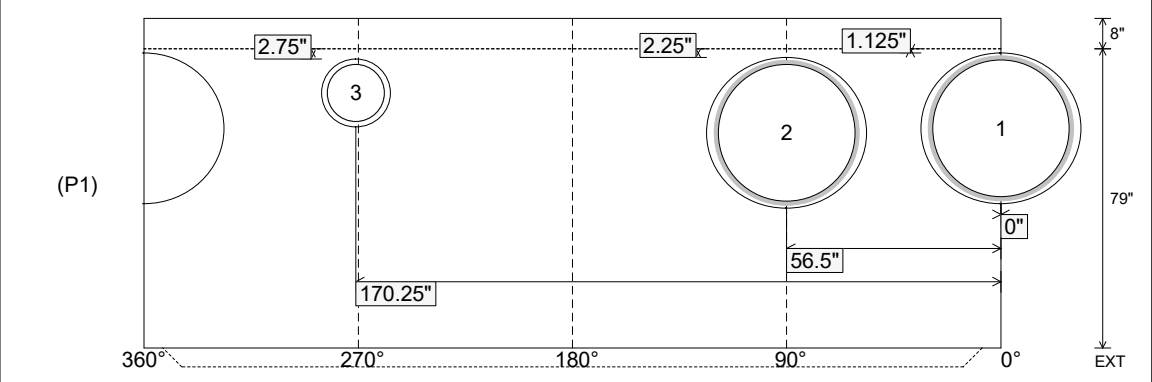
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Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)



INVERT CHANNEL
DRAWING

INSIDE WALL DIMENSIONS



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