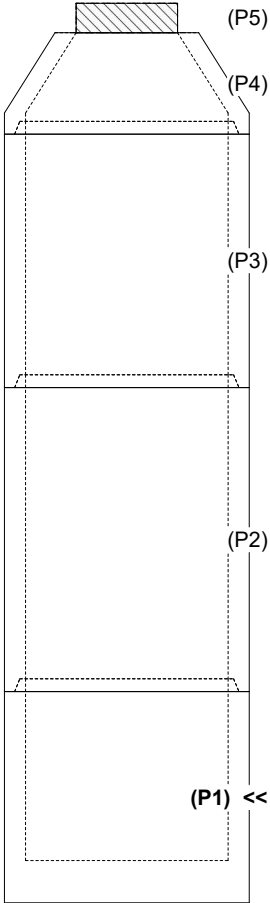


Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting					Plant: 100 6/2/2026 9:23:09 AM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301571											
P1		MH048BAVF		MH BASE (10"F) Custom Ht T/n							
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 60" P2) 48" - MH RISER T/G - 72" P1) 48" - MH BASE (10"F) Custom Ht T/n - 40" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 3) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) Kor-N-Seal2 - S206-28 14) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 4192 lb 5030 lb 4466 lb 1440 lb 0 lb 0 lb 13 lb 0 lb ----- 17392 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - DOUBLE MAT - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 270 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS				
Rim: 767.86' Rim to Invert: 16.83' Slack: 1.96" Sump: 3" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	751.03'	0°	0"	24" PVC SDR35/F679	24.803"	Kor-N-Seal2 S206-28	28"	29.896"	0.75"	0"	
Invert 2	751.13'	174°	88.125"	24" PVC SDR35/F679	24.803"	Kor-N-Seal2 S206-28	28"	29.896"	1.875"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



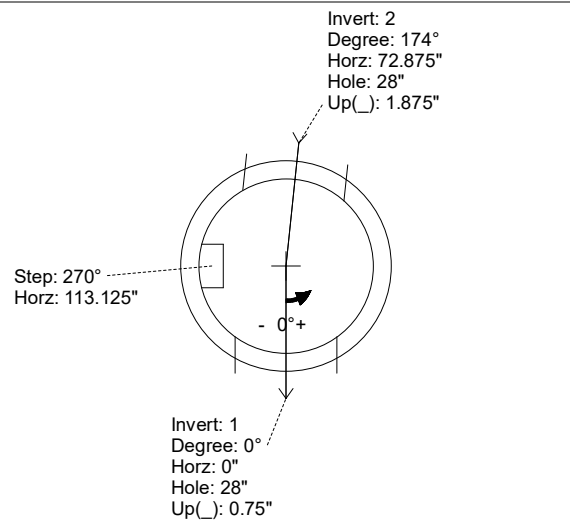
(P5)
(P4)
(P3)
(P2)
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



Step: 270°
Horz: 113.125"

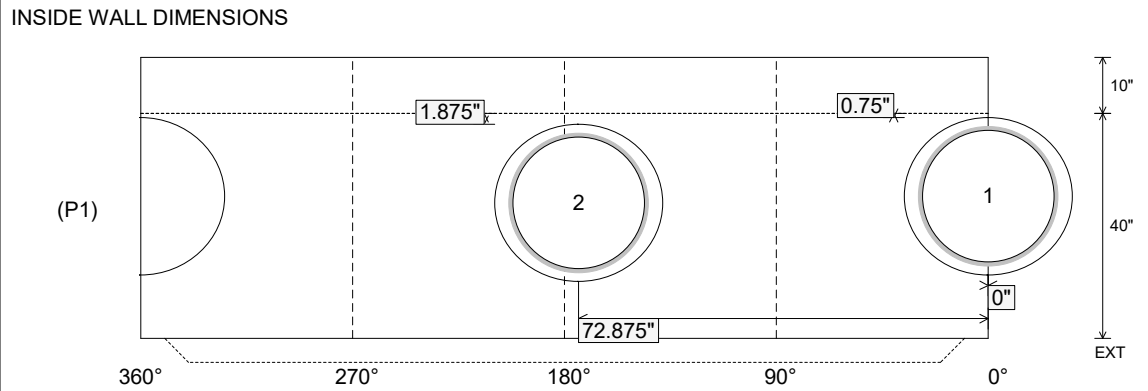
UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 174°
Horz: 72.875"
Hole: 28"
Up(): 1.875"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 28"
Up(): 0.75"

INSIDE WALL DIMENSIONS



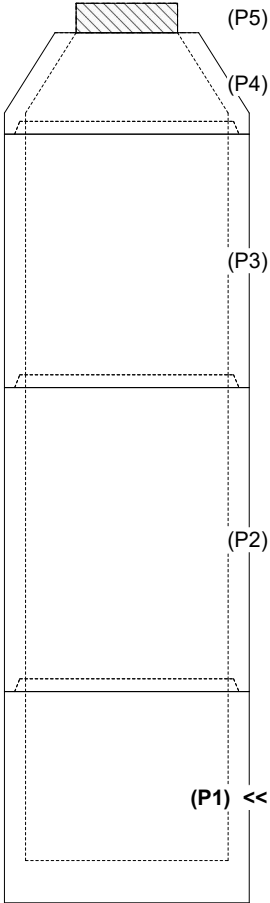
(P1)

360° 270° 180° 90° 0°

1.875" 0.75" 72.875" 0" 10" 40" EXT

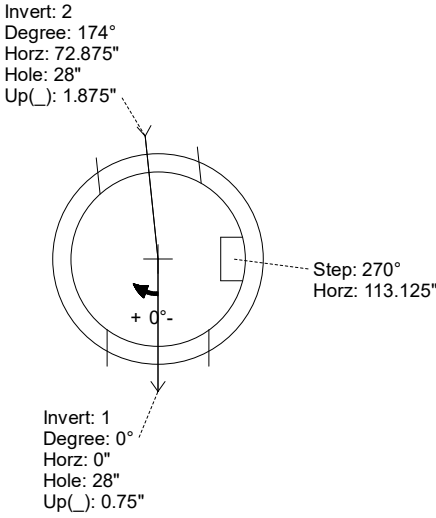
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 10"	Height (Int): 40" Height (Ext): 50"	Weight (Net): 4466 lb Volume (Net): 1.14cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting					Plant: 100 6/2/2026 9:23:09 AM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301571											
P1		MH048BAVF		MH BASE (10"F) Custom Ht T/n							
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 60" P2) 48" - MH RISER T/G - 72" P1) 48" - MH BASE (10"F) Custom Ht T/n - 40" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 3) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) Kor-N-Seal2 - S206-28 14) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 4192 lb 5030 lb 4466 lb 1440 lb 0 lb 0 lb 13 lb 0 lb ----- 17392 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - DOUBLE MAT - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 270 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS				
Rim: 767.86' Rim to Invert: 16.83' Slack: 1.96" Sump: 3" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	751.03'	0°	0"	24" PVC SDR35/F679	24.803"	Kor-N-Seal2 S206-28	28"	29.896"	0.75"	0"	
Invert 2	751.13'	174°	88.125"	24" PVC SDR35/F679	24.803"	Kor-N-Seal2 S206-28	28"	29.896"	1.875"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P5)
(P4)
(P3)
(P2)
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2
Degree: 174°
Horz: 72.875"
Hole: 28"
Up(): 1.875"

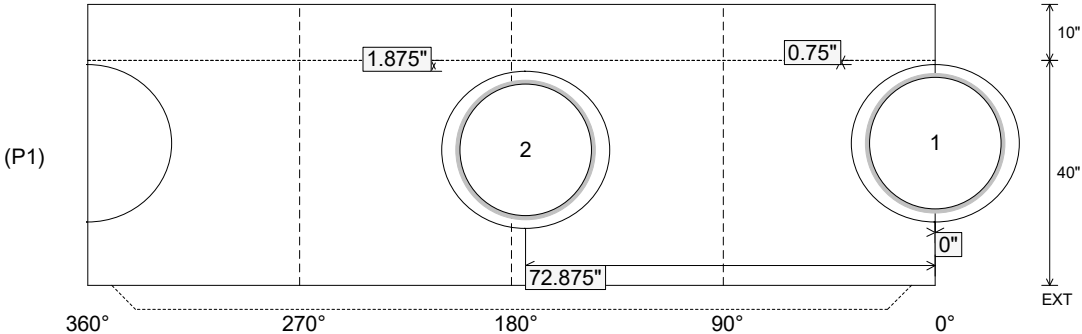
Step: 270°
Horz: 113.125"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 28"
Up(): 0.75"

UPSIDE-DOWN VIEW (int. dimensions)

INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



(P1)

360° 270° 180° 90° 0°

1.875" 0.75" 72.875" 0"

10" 40" EXT

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 10"	Height (Int): 40" Height (Ext): 50"	Weight (Net): 4466 lb Volume (Net): 1.14cu.yd
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