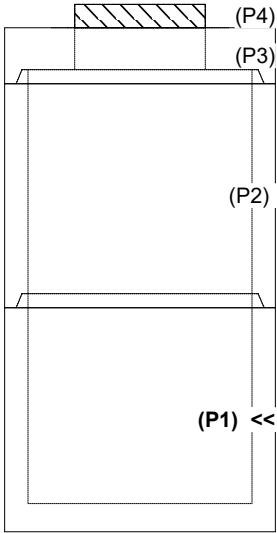
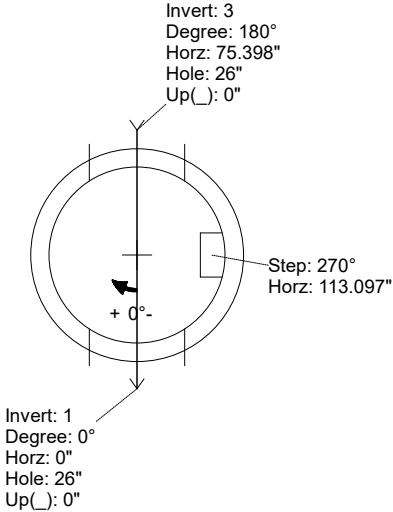


Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:04 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R16											
P1		MH048BA42		MH BASE T/n							
P4) 28" x 28" - CASTING HEIGHT - 5" P3) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12" P2) 48" - MH RISER T/G - 48" P1) 48" - MH BASE T/n - 42" 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT 1) CASTING - JBS 3104-V SINGLE SET 2) 48" - Conseal CS-102 1.00" 1) 28" x 28" - Conseal CS-102 1.00" 3) Hole - 26" 7) MH Step ML-10-TDS-NCR - 10"						0 lb 1368 lb 3120 lb 3798 lb 1075 lb 250 lb 0 lb 0 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (JBS-3104 SINGLE SET). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Structure Total:						9611 lb					
Rim: 579.25' Rim to Invert: 8.88' Slack: 2.06" Sump: 2.5" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	570.37'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 2											
Invert 3	570.37'	180°	91.106"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

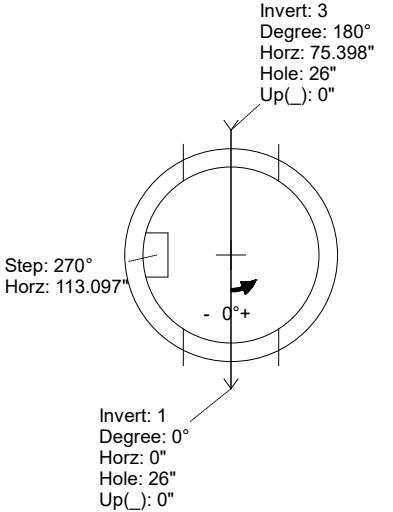


Invert: 3
Degree: 180°
Horz: 75.398"
Hole: 26"
Up(_): 0"

Step: 270°
Horz: 113.097"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 26"
Up(_): 0"

UPSIDE-DOWN VIEW (int. dimensions)

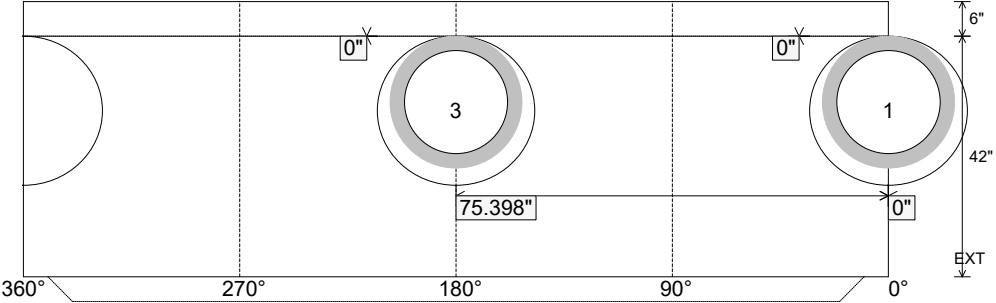


Invert: 3
Degree: 180°
Horz: 75.398"
Hole: 26"
Up(_): 0"

Step: 270°
Horz: 113.097"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 26"
Up(_): 0"

INSIDE WALL DIMENSIONS



(P1)

360° 270° 180° 90° 0°

6"

42"

EXT

0"

75.398"

0"

0"

3

1

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 3798 lb Volume (Net): 0.97cu.yd
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Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:04 AM		Tech: S. Felletter PC: Erica Bradley						
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Rim: 579.25' Rim to Invert: 8.88' Slack: 2.06" Sump: 2.5" Step Position: 270°													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1	570.37'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"			
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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: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 3798 lb Volume (Net): 0.97cu.yd
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