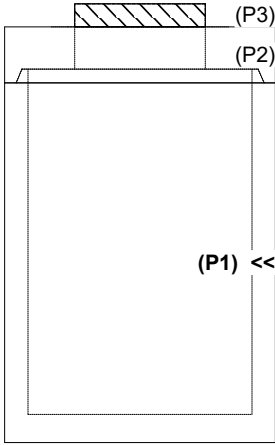
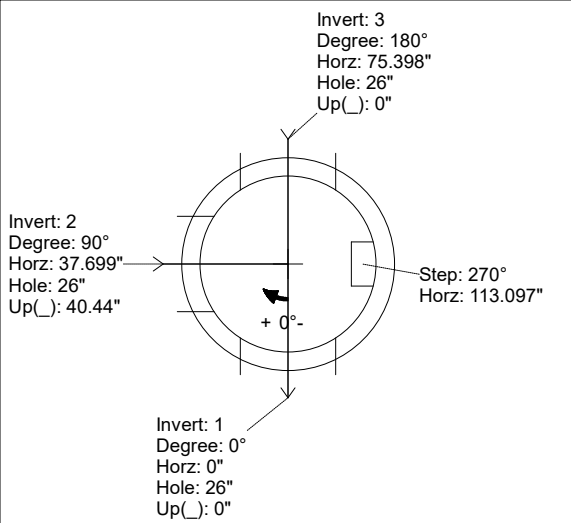


Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:01 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R14											
P1 MH048BAVF		MH BASE Custom Ht T/n									
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 71" 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT 1) CASTING - JBS 3104-V SINGLE SET 1) 48" - Conseal CS-102 1.00" 1) 28" x 28" - Conseal CS-102 1.00" 3) Hole - 26 6) MH Step ML-10-TDS-NCR - 10"					0 lb 1368 lb 5591 lb 1075 lb 250 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 8284 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.				
Rim: 575.67' Rim to Invert: 7.17' Slack: 0.54" Sump: 2.5" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	568.5'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 2	571.87'	90°	45.553"	18" RCP B WALL	23"	Hole 26	26"	27.476"	40.44"	0"	
Invert 3	568.5'	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											

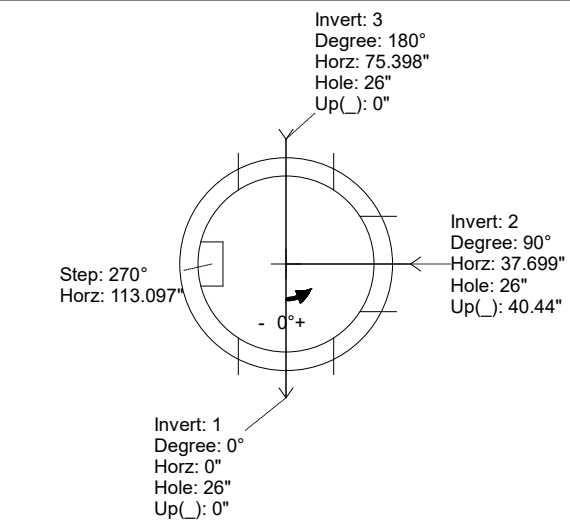


(P1) <<

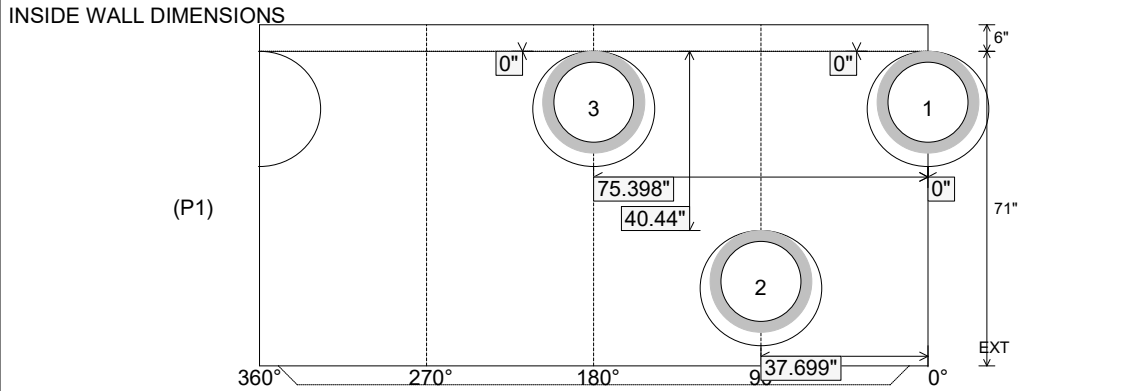
RIGHT-SIDE UP VIEW (int. dimensions)



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): 71" Height (Ext): 77"	Weight (Net): 5591 lb Volume (Net): 1.43cu.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 10:37:01 AM		Tech: S. Felletter PC: Erica Bradley			
Structure ID: R14										
P1 MH048BAVF			MH BASE Custom Ht T/n							
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 71" 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT 1) CASTING - JBS 3104-V SINGLE SET 1) 48" - Conseal CS-102 1.00" 1) 28" x 28" - Conseal CS-102 1.00" 3) Hole - 26 6) MH Step ML-10-TDS-NCR - 10"					0 lb 1368 lb 5591 lb 1075 lb 250 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 8284 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.			
Rim: 575.67' Rim to Invert: 7.17' Slack: 0.54" Sump: 2.5" Step Position: 270°					Invert channel drawing 1/4 Height storm invert					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	568.5'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 2	571.87'	90°	45.553"	18" RCP B WALL	23"	Hole 26	26"	27.476"	40.44"	0"
Invert 3	568.5'	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										

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): 71" Height (Ext): 77"	Weight (Net): 5591 lb Volume (Net): 1.43cu.yd
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