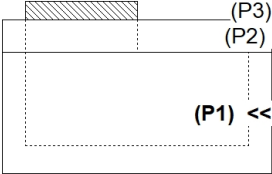
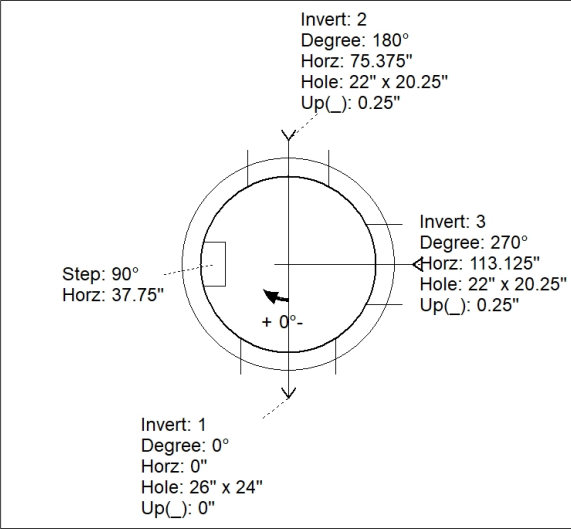


Job Name: 24-3511 Coles Ferry Section 18 & 19 Job Location: Lebanon, TN Contractor: Covenant Constructors, LLC				Plant: Beaver Dam, KY 8/4/2026 3:08:36 PM		Tech: J. Horsley PC: A. Chambers				
Structure ID: JB3										
P1		MH048BAVF		MH BASE Custom Ht F/n						
P3) 24" - CASTING HEIGHT - 4" P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/F - 7" P1) 48" - MH BASE Custom Ht F/n - 20" 1) CASTING - JBS 1072 F/C STORM 1) 48" - Conseal CS-102 1.00" 1) DOGHOUSE INVRTD - 26"x24" 2) DOGHOUSE INVRTD - 22"x20.25" 1) MH Step ML-10-TDS-NCR - 10"						0 lb 798 lb 2193 lb 250 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 3242 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,500 PSI AT 28 DAYS. 3. NO INVERT CHANNEL. 4. CASTING BY ICAST (JBS 1072 F/C). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB = H20 LOADING. - WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.		
Rim: 571.95'		Rim to Invert: 2.4'		Slack: 0.3"		Sump: 2.5"		Step Position: 90°		
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	569.55'	0°	0"	18" RCP B WALL	23"	DOGHOUSE INVRTD 26"x24"	26" x 24"	27.476"	0"	0"
Invert 2	569.55'	180°	91.125"	15" RCP B WALL	19.5"	DOGHOUSE INVRTD 22"x20.25"	22" x 20.25"	22.854"	0.25"	0"
Invert 3	569.55'	270°	136.625"	15" RCP B WALL	19.5"	DOGHOUSE INVRTD 22"x20.25"	22" x 20.25"	22.854"	0.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



(P3)
(P2)
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2
Degree: 180°
Horz: 75.375"
Hole: 22" x 20.25"
Up(): 0.25"

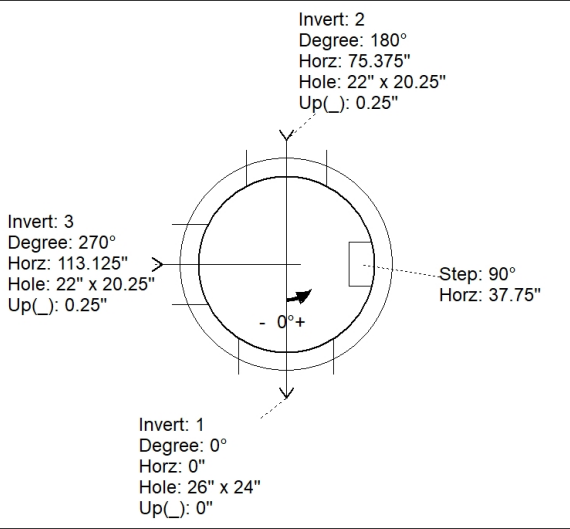
Invert: 3
Degree: 270°
Horz: 113.125"
Hole: 22" x 20.25"
Up(): 0.25"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 26" x 24"
Up(): 0"

Step: 90°
Horz: 37.75"

+ 0°-

UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 180°
Horz: 75.375"
Hole: 22" x 20.25"
Up(): 0.25"

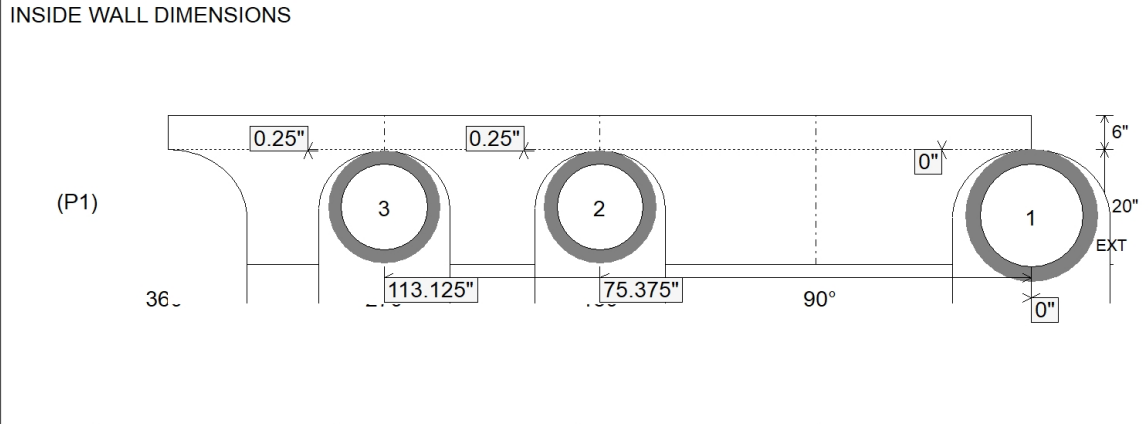
Invert: 3
Degree: 270°
Horz: 113.125"
Hole: 22" x 20.25"
Up(): 0.25"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 26" x 24"
Up(): 0"

Step: 90°
Horz: 37.75"

- 0°+

INSIDE WALL DIMENSIONS



(P1)

36

0.25"

0.25"

0"

3

2

1

113.125"

75.375"

90°

0"

6"

20"

EXT

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 20" Height (Ext): 26"	Weight (Net): 2193 lb Volume (Net): 0.56cu.yd
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