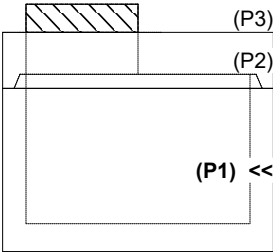
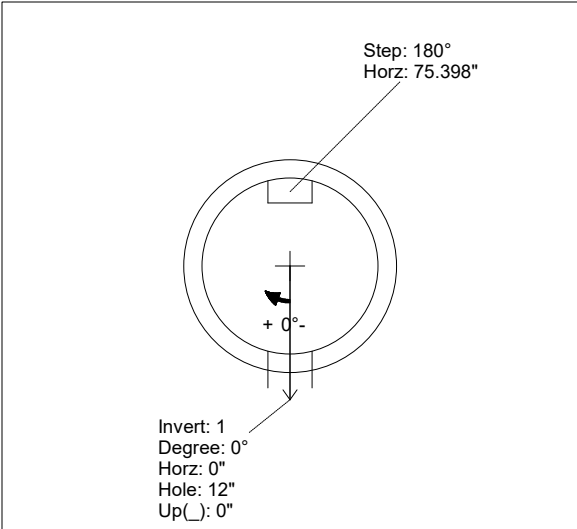


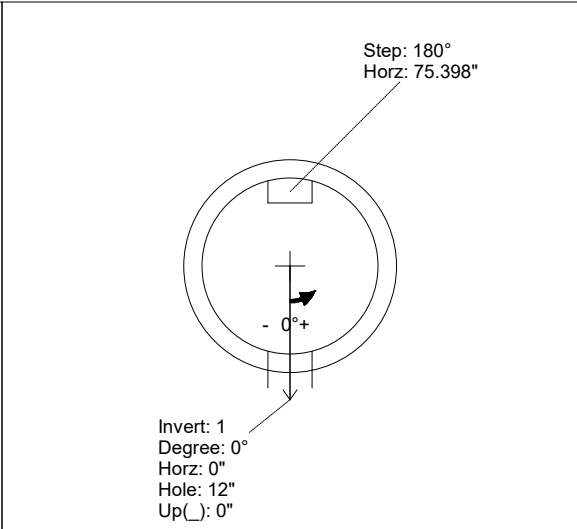
Job Name: 26-2436 The Drake Dead-End Manhole Job Location: Columbia, TN Contractor: Covenant Constructors, LLC				Plant: Beaver Dam 6/4/2026 2:19:44 PM		Tech: S. Felletter PC: A. Chambers				
Structure ID: QL1 SS-MH										
P1 MH048BAVFX		MH BASE Custom Ht, w/XYPEX T/n								
P3) 24" - CASTING HEIGHT - 6" P2) 48" - XYPEX MH FLAT TOP w/24" ECC Hole F/G - 12" P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 29" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - JBS 1155 F/C SANITARY 1) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO						0 lb 2205 lb 3308 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 8 lb ----- Structure Total: 7211 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (JBS 1155 F/C "SANITARY"). 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: 594.1' Rim to Invert: 3.8' Slack: 0.6" Sump: 2" Step Position: 180°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	590.3'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



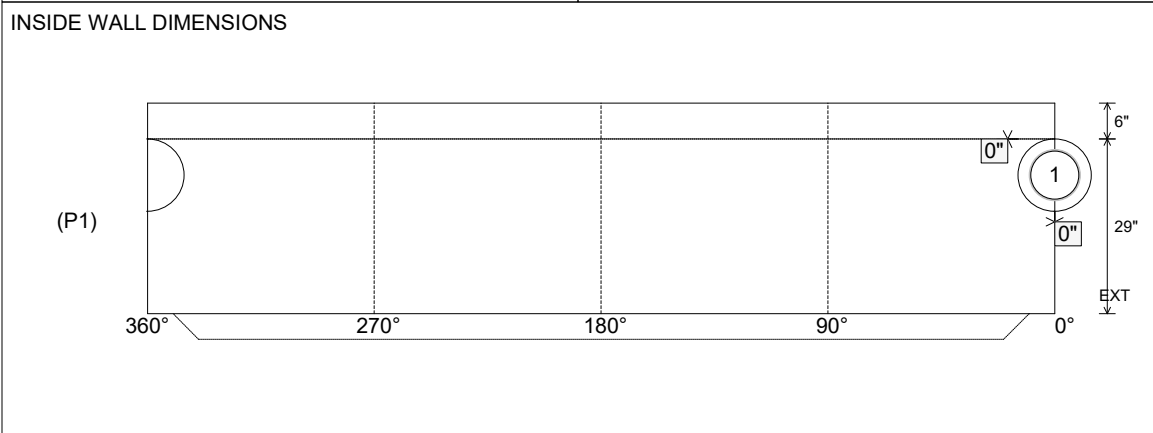
RIGHT-SIDE UP VIEW (int. dimensions)



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): 29" Height (Ext): 35"	Weight (Net): 3308 lb Volume (Net): 0.84cu.yd
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Job Name: 26-2436 The Drake Dead-End Manhole

Job Location: Columbia, TN

Contractor: Covenant Constructors, LLC

Plant: Beaver Dam

6/4/2026 2:19:44 PM

Tech: S. Felletter

PC: A. Chambers



Structure ID: QL1 SS-MH

P1 MH048BAVFX

MH BASE Custom Ht, w/XYPEX T/n

P3) 24" - CASTING HEIGHT - 6"

P2) 48" - XYPEX MH FLAT TOP w/24" ECC Hole F/G - 12"

P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 29"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT

1) CASTING - JBS 1155 F/C SANITARY

1) 48" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

1) PSX - 12-08 NYLO

0 lb

2205 lb

3308 lb

0 lb

0 lb

1440 lb

250 lb

0 lb

0 lb

8 lb

Structure Total: 7211 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. CASTING BY ICAST (JBS 1155 F/C "SANITARY").

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.

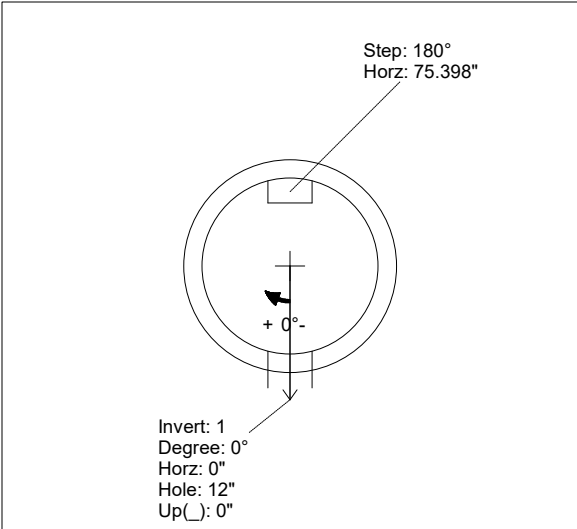
Rim: 594.1' Rim to Invert: 3.8' Slack: 0.6" Sump: 2" Step Position: 180°

Invert channel drawing

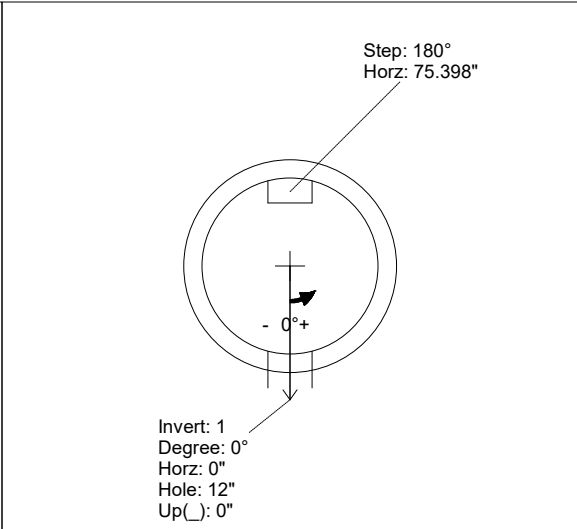
Full height invert

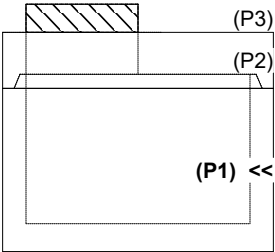
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	590.3'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

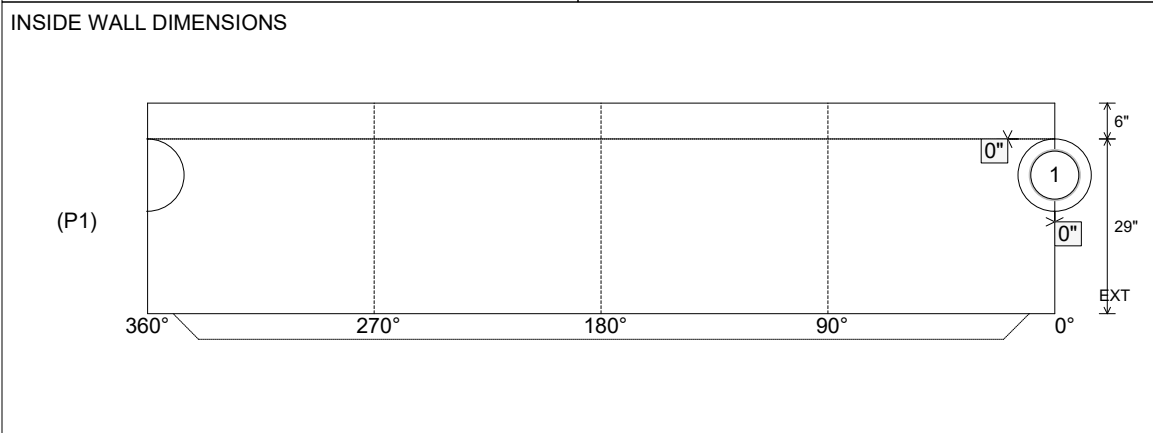


UPSIDE-DOWN VIEW (int. dimensions)





INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 29"

Height (Ext): 35"

Weight (Net): 3308 lb

Volume (Net): 0.84cu.yd