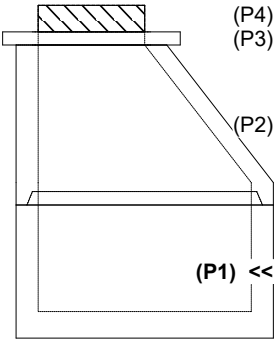
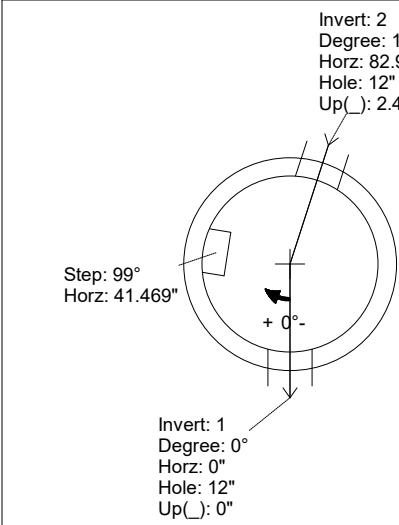


Job Name: 23-2309 - Richland Estates Subdivision Job Location: Portland, TN Contractor: Core & Main LP (BG)				Plant: 100 6/30/2026 8:52:26 AM		Tech: J. Horsley PC: T. Lewis						
Structure ID: 05 SS-MH												
P1 MH048BA24X				MH BASE w/XYPEX								
P4) 24" - CASTING HEIGHT - 6" P3) 24" - XYPEX GRADE RING - 3" P2) 48" - ECC XYPEX CONE w/ 24" HOLE - 36" P1) 48" - MH BASE w/XYPEX - 24" 1) JOINT WRAP - 0.065"x12"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 5) MH Step ML-10-TDS-NCR - 10"				0 lb 202 lb 2251 lb 2911 lb 0 lb 0 lb 1440 lb 0 lb 0 lb 16 lb 0 lb ----- 6821 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = XYPEX C-500 NF RED 4. CASTING BY OTHERS (JBS 1155 F/C SANITARY). REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.						
Rim: 807.46' Rim to Invert: 5.62' Slack: 0.44" Sump: 2" Step Position: 99°												
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	801.84'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"		
Invert 2	802.04'	198°	100.217"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	2.4"	0"		
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												



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

RIGHT-SIDE UP VIEW (int. dimensions)

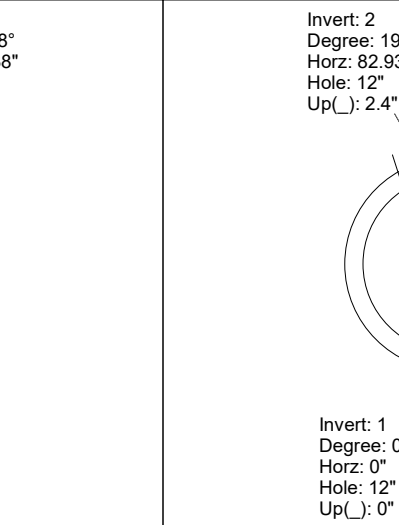


Invert: 2
Degree: 198°
Horz: 82.938"
Hole: 12"
Up(): 2.4"

Step: 99°
Horz: 41.469"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 12"
Up(): 0"

UPSIDE-DOWN VIEW (int. dimensions)

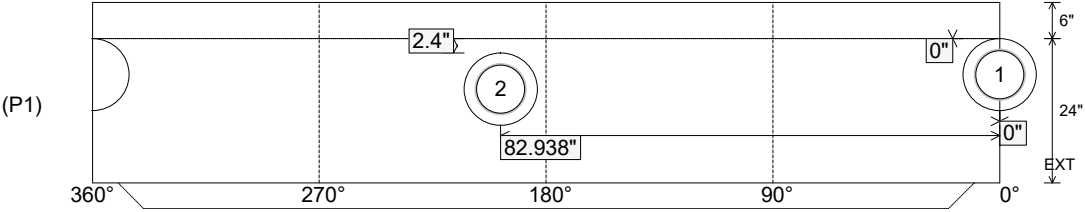


Invert: 2
Degree: 198°
Horz: 82.938"
Hole: 12"
Up(): 2.4"

Step: 99°
Horz: 41.469"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 12"
Up(): 0"

INSIDE WALL DIMENSIONS



(P1)

360° 270° 180° 90° 0°

2.4" 82.938" 0" 0" 0"

6" 24" EXT

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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Job Name: 23-2309 - Richland Estates Subdivision

Job Location: Portland, TN

Contractor: Core & Main LP (BG)

Plant: 100

6/30/2026 8:52:26 AM

Tech: J. Horsley

PC: T. Lewis

Structure ID: 05 SS-MH

P1 MH048BA24X

MH BASE w/XYPEX

P4) 24" - CASTING HEIGHT - 6"

P3) 24" - XYPEX GRADE RING - 3"

P2) 48" - ECC XYPEX CONE w/ 24" HOLE - 36"

P1) 48" - MH BASE w/XYPEX - 24"

1) JOINT WRAP - 0.065"x12"x50' CONSEAL CS212

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

1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT

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

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

2) PSX - 12-08 NYLO

5) MH Step ML-10-TDS-NCR - 10"

0 lb

202 lb

2251 lb

2911 lb

0 lb

0 lb

1440 lb

0 lb

0 lb

16 lb

0 lb

Structure Total: 6821 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. ADMIXTURE = XYPEX C-500 NF RED

4. CASTING BY OTHERS (JBS 1155 F/C SANITARY).

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- RISER (As .12)

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 807.46'

Rim to Invert: 5.62'

Slack: 0.44"

Sump: 2"

Step Position: 99°

INVERT CHANNEL DRAWING

FULL HEIGHT INVERT

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	801.84'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	802.04'	198°	100.217"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	2.4"	0"
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): 24"

Height (Ext): 30"

Weight (Net): 2911 lb

Volume (Net): 0.74cu.yd