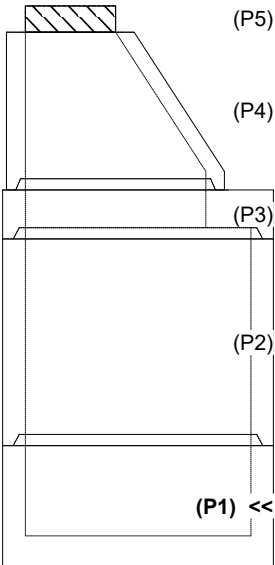


Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 6/4/2026 1:36:12 PM		Tech: Jared - F PC: J Jarvis				
Structure ID: MH-2											
P1 MH060BA24		MH BASE T/n									
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE F/G - 42" P3) 60" - MH Transition Slab 48" Hole T/G - 13" P2) 60" - MH RISER Custom Ht T/G - 55" P1) 60" - MH BASE T/n - 24" 1) Chimney Seal - Cretex Chimney Seal 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) CASTING - HOE MC-375 F/C Sanitary 2) 60" - Conseal CS-102 1.00" (Double) 1) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12M NYLO 6) MH Step ML-10-TDS-NCR - 10"					0 lb 3200 lb 1928 lb 5742 lb 5067 lb 10 lb 0 lb 0 lb 2692 lb 271 lb 0 lb 0 lb 0 lb 0 lb 24 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375 F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - TRANS. SLAB (As .31) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.				
Rim: 450' Rim to Invert: 11.65' Slack: 0.804" Sump: 2.004" Structure Total: 18933 lb Step Position: 270'											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	438.35'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.081"	0"	0"	
Invert 2	438.45'	155°	97.375"	8" DI	9"	PSX 12M NYLO	12"	12.081"	1.25"	0"	
Invert 3	438.45'	210°	132"	8" DI	9"	PSX 12M NYLO	12"	12.081"	1.25"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P5)

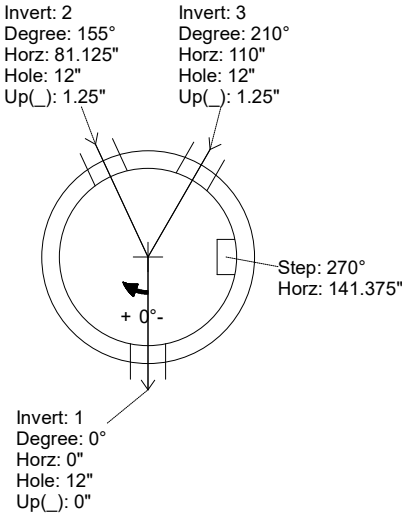
(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



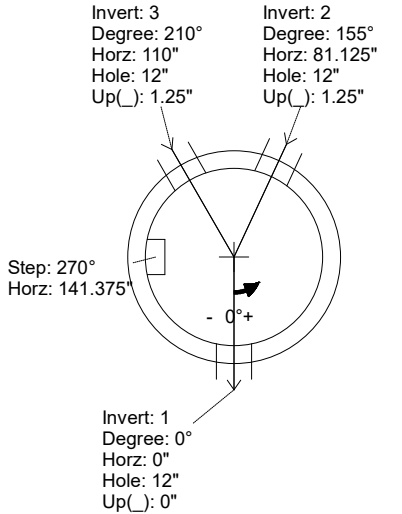
Invert: 2
Degree: 155°
Horz: 81.125"
Hole: 12"
Up(): 1.25"

Invert: 3
Degree: 210°
Horz: 110"
Hole: 12"
Up(): 1.25"

Step: 270°
Horz: 141.375"

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

UPSIDE-DOWN VIEW (int. dimensions)



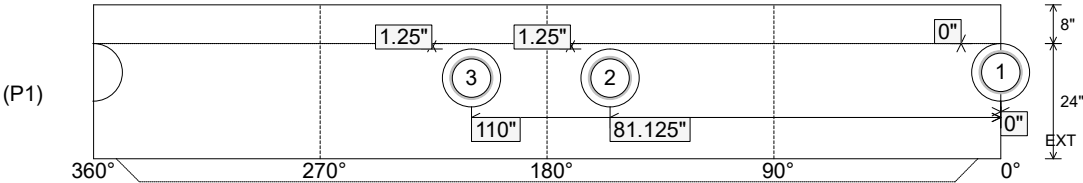
Invert: 3
Degree: 210°
Horz: 110"
Hole: 12"
Up(): 1.25"

Invert: 2
Degree: 155°
Horz: 81.125"
Hole: 12"
Up(): 1.25"

Step: 270°
Horz: 141.375"

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

INSIDE WALL DIMENSIONS



(P1)

360° 270° 180° 90° 0°

1.25" 1.25" 0"

110" 81.125" 0"

8" 24" EXT

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 24" Height (Ext): 32"	Weight (Net): 5067 lb Volume (Net): 1.29cu.yd
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Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion

Job Location: Shepherdsville, KY

Contractor: Pace Contracting, LLC

Plant: 100

6/4/2026 1:36:12 PM

Tech: Jared - F

PC: J Jarvis

Structure ID: MH-2

P1 MH060BA24

MH BASE T/n

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - ECC CONE w/ 24" HOLE F/G - 42"

P3) 60" - MH Transition Slab 48" Hole T/G - 13"

P2) 60" - MH RISER Custom Ht T/G - 55"

P1) 60" - MH BASE T/n - 24"

1) Chimney Seal - Cretex Chimney Seal

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

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

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) CASTING - HOE MC-375 F/C Sanitary

2) 60" - Conseal CS-102 1.00" (Double)

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

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

3) PSX - 12M NYLO

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

0 lb

3200 lb

1928 lb

5742 lb

5067 lb

10 lb

0 lb

0 lb

2692 lb

271 lb

0 lb

0 lb

0 lb

0 lb

24 lb

0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING SUPPLIED BY I-CAST (HOE MC-375 F/C SANITARY).

4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST.

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- TRANS. SLAB (As .31) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .18)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 450'

Rim to Invert: 11.65'

Slack: 0.804"

Sump: 2.004"

Structure Total: 18933 lb

Step Position: 270'

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
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Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 155°
Horz: 81.125"
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Invert: 3
Degree: 210°
Horz: 110"
Hole: 12"
Up(): 1.25"

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

Step: 270°
Horz: 141.375"

FOR INVERT ONLY

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 3
Degree: 210°
Horz: 110"
Hole: 12"
Up(): 1.25"

Invert: 2
Degree: 155°
Horz: 81.125"
Hole: 12"
Up(): 1.25"

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

Step: 270°
Horz: 141.375"

INSIDE WALL DIMENSIONS

1.25"

1.25"

0"

3

2

1

110"

81.125"

0"

360°

270°

180°

90°

0°

8"

24"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 24"

Height (Ext): 32"

Weight (Net): 5067 lb

Volume (Net): 1.29cu.yd