

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100		Tech: Jared - F			
					5/29/2026 3:21:08 PM		PC: J Jarvis			
Structure ID: MH-1										
P1 MH048BA18			MH BASE T/n							
P3) 24" - CASTING HEIGHT - 7" P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12" P1) 48" - MH BASE T/n - 18" 1) Chimney Seal - Cretex Chimney Seal 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 1) PSX - 12-06 NYLO 2) PSX - 8QRS-S NYLO 1) MH Step ML-10-TDS-NCR - 10"					0 lb 1561 lb 2497 lb 10 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 8 lb 13 lb 0 lb ----- Structure Total: 5800 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). - TOP SLAB = H20 LOADING - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Rim: 451.2' Rim to Invert: 2.9' Slack: 0.8" Sump: 3" Step Position: 215										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	448.3'	0°	0"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.129"	0"	0"
Invert 2	448.75'	150°	75.875"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.038"	6.375"	0"
Invert 3	448.43'	276°	139.75"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.038"	2.5"	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): 18" Height (Ext): 24"	Weight (Net): 2497 lb Volume (Net): 0.64cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion

Job Location: Shepherdsville, KY

Contractor: Pace Contracting, LLC

Plant: 100

5/29/2026 3:21:08 PM

Tech: Jared - F

PC: J Jarvis



Structure ID: MH-1

P1 MH048BA18

MH BASE T/n

P3) 24" - CASTING HEIGHT - 7"

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

P1) 48" - MH BASE T/n - 18"

1) Chimney Seal - Cretex Chimney Seal

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

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

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

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

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

1) PSX - 12-06 NYLO

2) PSX - 8QRS-S NYLO

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

0 lb

1561 lb

2497 lb

10 lb

1440 lb

0 lb

0 lb

271 lb

0 lb

8 lb

13 lb

0 lb

Structure Total: 5800 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).

- TOP SLAB = H20 LOADING

- RISER/WALLS (As .12)

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

Rim: 451.2'

Rim to Invert: 2.9'

Slack: 0.8"

Sump: 3"

Step Position: 215

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	448.3'	0°	0"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.129"	0"	0"
Invert 2	448.75'	150°	75.875"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.038"	6.375"	0"
Invert 3	448.43'	276°	139.75"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.038"	2.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 150°
Horz: 62.875"
Hole: 8"
Up(): 6.375"

Step: 215°
Horz: 90"

Invert: 3
Degree: 276°
Horz: 115.625"
Hole: 8"
Up(): 2.5"

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

FOR INVERT ONLY

UPSIDE-DOWN VIEW (int. dimensions)

Step: 215°
Horz: 90"

Invert: 2
Degree: 150°
Horz: 62.875"
Hole: 8"
Up(): 6.375"

Invert: 3
Degree: 276°
Horz: 115.625"
Hole: 8"
Up(): 2.5"

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

(P3)

(P2)

(P1) <<

INSIDE WALL DIMENSIONS

(P1)

2.5"

6.375"

115.625"

62.875"

0"

360°

270°

180°

90°

0°

6"

18"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

Height (Int): 18"
Height (Ext): 24"

Weight (Net): 2497 lb
Volume (Net): 0.64cu.yd