

Job Name: 25-4490P1 Heartland Meadows Subdivision

Job Location: Elizabethtown, KY 40165

Contractor: Kauffeld Brothers Construction

Plant: 100

7/23/2026 12:03:42 PM

Tech: Jared - A

PC: Celina Goff



Structure ID: MH 1-4-11 (12)

P1 MH048BA36

MH BASE

P3) 24" - CASTING HEIGHT - 7"

P2) 48" - ECC CONE w/ 24" HOLE - 42"

P1) 48" - MH BASE - 36"

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

2) PSX - 12-08 NYLO

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

0 lb

3200 lb

3749 lb

1440 lb

0 lb

0 lb

271 lb

0 lb

0 lb

16 lb

0 lb

Structure Total: 8676 lb

Structure Notes:

1. HOE MC-375 F/C "SANITARY" PROVIDED BY ICAST.

2. PER ASTM C478 SPECIFICATIONS.

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

4. REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

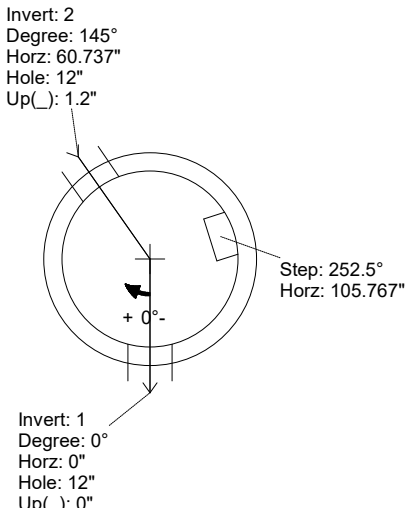
- RISER/WALLS (As .12)

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

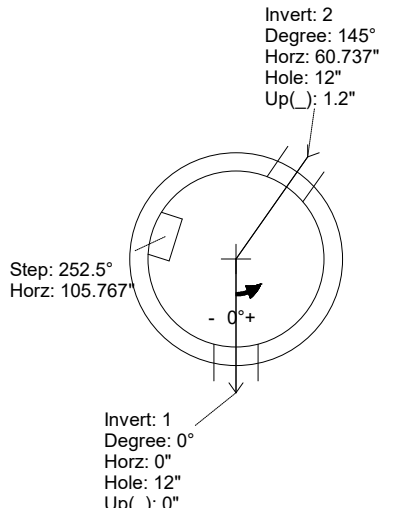
Rim: 873.73' Rim to Invert: 7.04' Slack: 1.48" Sump: 2" Step Position: 252.5°

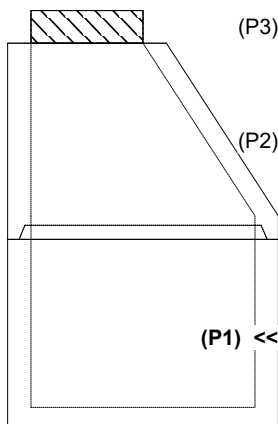
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	866.69'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	866.79'	145°	73.391"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

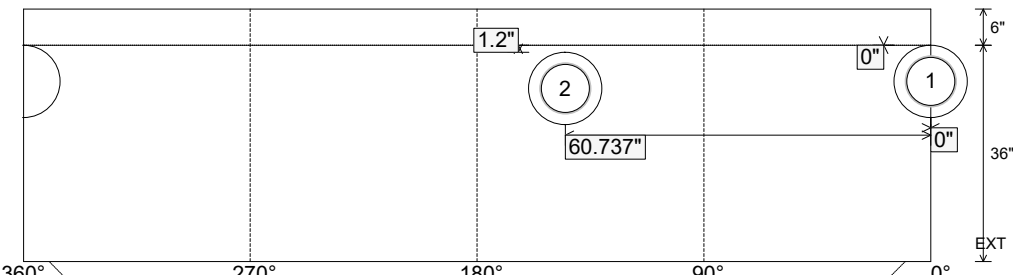


UPSIDE-DOWN VIEW (int. dimensions)





INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 36"

Height (Ext): 42"

Weight (Net): 3749 lb

Volume (Net): 0.96cu.yd

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- CONE (As .12)

- RISER/WALLS (As .12)

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

INVERT CHANNEL DRAWING

Rim: 873.73'

Rim to Invert: 7.04'

Slack: 1.48"

Sump: 2"

Step Position: 252.5°

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Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P3)

(P2)

(P1) <<

Invert: 2
Degree: 145°
Horz: 60.737"
Hole: 12"
Up(): 1.2"

Step: 252.5°
Horz: 105.767"

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

+ 0°-

Invert: 2
Degree: 145°
Horz: 60.737"
Hole: 12"
Up(): 1.2"

Step: 252.5°
Horz: 105.767"

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

- 0°+

INSIDE WALL DIMENSIONS

1.2"

0"

60.737"

0"

2

1

360°

270°

180°

90°

0°

6"

36"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 36"

Height (Ext): 42"

Weight (Net): 3749 lb

Volume (Net): 0.96cu.yd