

Job Name: 26-2018 - Hancock County Middle School Addition
 Job Location: Lewisport, KY
 Contractor: Mechanical Consultants Inc

Plant: 100

7/23/2026 5:01:29 PM

Tech: Jared - F

PC: T. Lewis



Structure ID: MH 2 SS-MH

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"
 P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 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) ADMIXTURE CONBLOCK CDA RED

1) CASTING - HOE MC-375-SS F/C Self-Sealing Sanitary

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

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

2) PSX - 12-08 NYLO

2) PSX - 8QRS-S NYLO

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

0 lb

2251 lb

2869 lb

0 lb

0 lb

1440 lb

0 lb

271 lb

0 lb

0 lb

16 lb

13 lb

0 lb

Structure Total: 6860 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. ADMIXTURE = CONBLOCK CDA RED.

4. CASTING BY ICAST (HOE MC-375-SS F/C SELF-SEALING SANITARY).

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: 412' Rim to Invert: 5.43' Slack: 0.16" Sump: 2" Step Position: 295°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	406.57'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	406.67'	40°	20.25"	4" PVC SCH40	4.5"	PSX 8QRS-S NYLO	8"	8.038"	1.25"	0"
Invert 3	406.67'	141°	71.375"	4" PVC SCH40	4.5"	PSX 8QRS-S NYLO	8"	8.038"	1.25"	0"
Invert 4	406.67'	230°	116.375"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 3
 Degree: 141°
 Horz: 59"
 Hole: 8"
 Up() : 1.25"

Invert: 4
 Degree: 230°
 Horz: 96.375"
 Hole: 12"
 Up() : 1.25"

Invert: 4
 Degree: 230°
 Horz: 96.375"
 Hole: 12"
 Up() : 1.25"

Invert: 3
 Degree: 141°
 Horz: 59"
 Hole: 8"
 Up() : 1.25"

Invert: 2
 Degree: 40°
 Horz: 16.75"
 Hole: 8"
 Up() : 1.25"

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

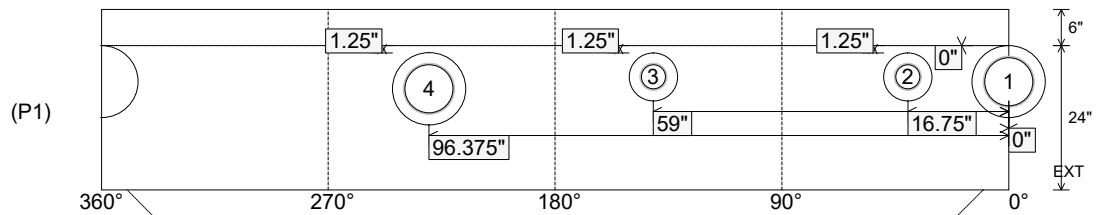
Step: 295°
 Horz: 123.625"

Step: 295°
 Horz: 123.625"

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

Invert: 2
 Degree: 40°
 Horz: 16.75"
 Hole: 8"
 Up() : 1.25"

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): 2869 lb
 Volume (Net): 0.73cu.yd

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 2) PSX - 8QRS-S NYLO
 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 2869 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 271 lb
 0 lb
 0 lb
 0 lb
 16 lb
 13 lb
 0 lb

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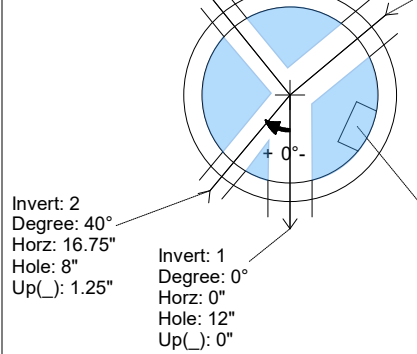
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

FOR INVERT ONLY

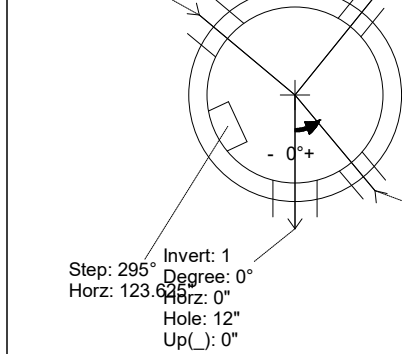
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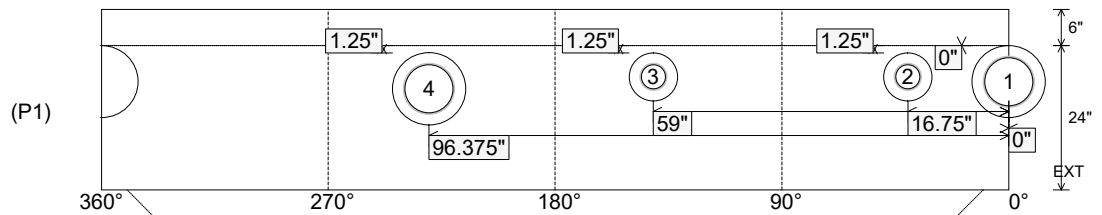


Invert: 4
 Degree: 230°
 Horz: 96.375"
 Hole: 12"
 Up() : 1.25"

Invert: 3
 Degree: 141°
 Horz: 59"
 Hole: 8"
 Up() : 1.25"



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