

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

Plant: 100

7/23/2026 5:01:30 PM

Tech: Jared - F

PC: T. Lewis



Structure ID: MH 4 SS-MH

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
 P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
 P2) 48" - MH FLAT TOP w/24" Hole ECC w/ConBlock-CDA Red F/G - 12"
 P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
 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)
 2) 24" - Conseal CS-102 1.00" (Double)
 3) PSX - 12-08 NYLO
 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1580 lb
 3282 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 271 lb
 0 lb
 0 lb
 24 lb
 0 lb

 Structure Total: 6867 lb

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - ADMIXTURE = CONBLOCK CDA RED.
 - 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.

Structure Total:

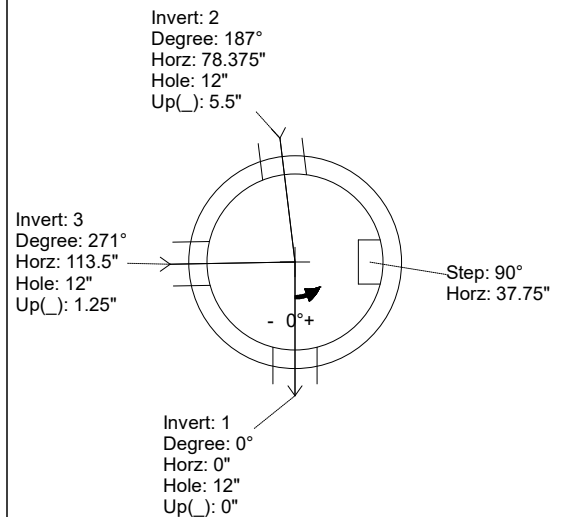
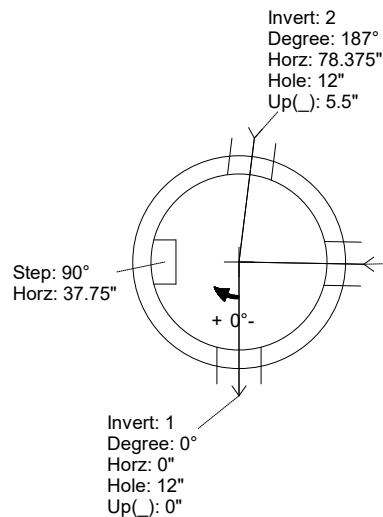
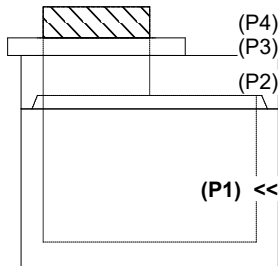
6867 lb

Rim: 410.25' Rim to Invert: 4.35' Slack: 1.2" Sump: 2" Step Position: 90°

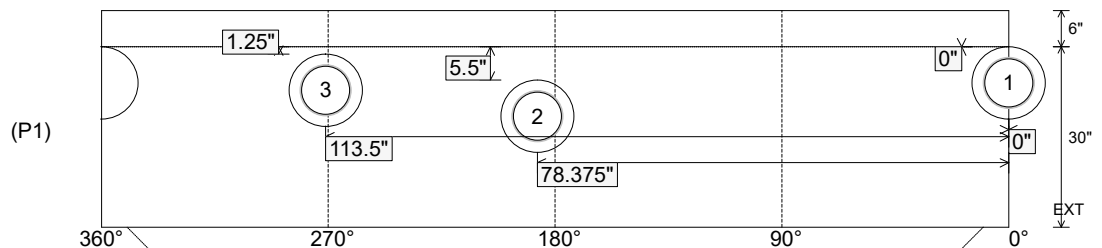
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	405.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	406.36'	187°	94.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	5.5"	0"
Invert 3	406'	271°	137.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	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): 30"
 Height (Ext): 36"

Weight (Net): 3282 lb
 Volume (Net): 0.84cu.yd

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Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

FOR INVERT ONLY

Invert: 2
 Degree: 187°
 Horz: 78.375"
 Hole: 12"
 Up(): 5.5"

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

Step: 90°
 Horz: 37.75"

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
 Degree: 187°
 Horz: 78.375"
 Hole: 12"
 Up(): 5.5"

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

Step: 90°
 Horz: 37.75"

INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3282 lb Volume (Net): 0.84cu.yd
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