

Job Name: 26-2018B Hancock Co Middle School Utility
Job Location: South Lewisport, KY
Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

10/12/2026 8:19:43 AM

Tech: S. Felletter

PC: A. Chambers



Structure ID: DI-4B ST-MH

P1 MH048BAVF

MH BASE Custom Ht F/n

P3) 24" - CASTING HEIGHT - 7"

P2) 48" - MH FLAT TOP w/ 24" Center Hole F/F - 7"

P1) 48" - MH BASE Custom Ht F/n - 29"

1) CASTING - HOE MCB-315-B Fr./Bar Grate

1) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 16

2) Hole - 6

0 lb

1700 lb

3161 lb

255 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5116 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY ICAST (HOE MCB-315-B F/ BAR GRATE).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .12)

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

Rim: 413.25' Rim to Invert: 3.5' Slack: 0.25" Sump: 1.25" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	409.75'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	0"	0"
Invert 2	411.3'	90°	45.553"	4" HDPE	4.8"	Hole 6	6"	6.016"	19.45"	0"
Invert 3	409.8'	180°	91.106"	12" HDPE	14.5"	Hole 16	16"	16.312"	0.6"	0"
Invert 4	411.3'	270°	136.659"	4" HDPE	4.8"	Hole 6	6"	6.016"	19.45"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 3
Degree: 180°
Horz: 75.398"
Hole: 16"
Up(): 0.6"

Invert: 2
Degree: 90°
Horz: 37.699"
Hole: 6"
Up(): 19.45"

Invert: 4
Degree: 270°
Horz: 113.097"
Hole: 6"
Up(): 19.45"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 16"
Up(): 0"

+ 0° -

Upside-Down View (int. dimensions)

Invert: 3
Degree: 180°
Horz: 75.398"
Hole: 16"
Up(): 0.6"

Invert: 4
Degree: 270°
Horz: 113.097"
Hole: 6"
Up(): 19.45"

Invert: 2
Degree: 90°
Horz: 37.699"
Hole: 6"
Up(): 19.45"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 16"
Up(): 0"

- 0° +

INSIDE WALL DIMENSIONS

360°

270°

180°

90°

0°

19.45"

75.398"

19.45"

37.699"

0"

0.6"

0"

6"

29"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 29"

Height (Ext): 35"

Weight (Net): 3161 lb

Volume (Net): 0.81cu.yd