

Job Name: 25-4490P2 Heartland Meadows Subdivision Job Location: Elizabethtown, KY 40165 Contractor: Kauffeld Brothers Construction					Plant: 100		Tech: Jared - A			
					7/30/2026 10:22:31 AM		PC: Celina Goff			

Structure ID: CI 1-8 (20)
P1 MH048BAVF

MH BASE Custom Ht

P3) 24" x 36" - CASTING HEIGHT - 6"
 P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"
 P1) 48" - MH BASE Custom Ht - 33"
 1) CASTING - HOE 470 SET LV (F/G/H)
 1) 48" - Conseal CS-102 1.00"
 1) 24" x 36" - Conseal CS-102 1.00"
 2) Hole - 24
 1) Hole - 18

0 lb
 1300 lb
 3180 lb
 394 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 4874 lb

Structure Notes:
 1. HOE 470 FLAT SET PROVIDED BY ICAST.
 2. PER ASTM C478 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. NO INVERT CHANNEL.
 5. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W..
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W..

Rim: 873.75'
Rim to Invert: 4.13'
Slack: 0.16"
Sump: 1.6"
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	869.62'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 2	869.63'	133°	67.317"	18" HDPE	21.2"	Hole 24	24"	25.133"	0.12"	0"
Invert 3	869.62'	242°	122.487"	12" HDPE	14.5"	Hole 18	18"	18.451"	0.35"	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): 33" Height (Ext): 39"	Weight (Net): 3180 lb Volume (Net): 0.81cu.yd
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