

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

Tech: J. Horsley - A

3/20/2026 1:22:19 PM

PC: Celina Goff



Structure ID: 2301096

P1 MH060DPVF

MH BASE (10"F) w/DROP Custom Ht T/n

- P5) 24" - CASTING HEIGHT - 7"
- P4) 60" - MH FLAT LID w/24in ECC Hole F/G - 13"
- P3) 60" - MH RISER w/DROP Custom Ht T/G - 72"
- P2) 60" - MH RISER w/DROP Custom Ht T/G - 72"
- P1) 60" - MH BASE (10"F) w/DROP Custom Ht T/n - 46"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) SECONDARY POUR - Add Exterior Drop to Base (P1)
- 1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
- 1) SECONDARY POUR - Add Exterior Drop to Riser (P3)
- 3) 60" - Conseal CS-102 1.00" (Double)
- 1) PSX - 16L NYLO
- 1) PSX - 12-08 NYLO
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 16) MH Step ML-10-TDS-NCR - 10"

0 lb
 2800 lb
 7488 lb
 7516 lb
 10437 lb
 2692 lb
 2408 lb
 3096 lb
 3096 lb
 0 lb
 8 lb
 8 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 39549 lb

- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT:
 - WALLS: PER ASTM A615 - DOUBLE MAT
 - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. INVERT CHANNEL REQUIRED
 5. STEPS AT 287 DEGREES
 6. 7" CASTING SUPPLIED BY OTHERS
 7. EXTERIOR DROP AT INVERTS 3 & 4 SUPPLIED BY ICAST

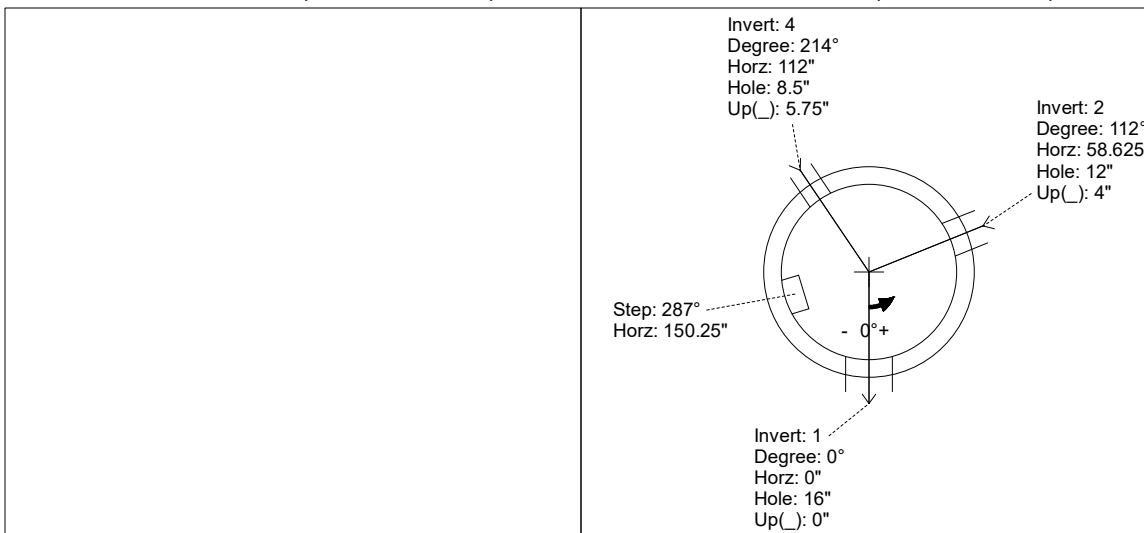
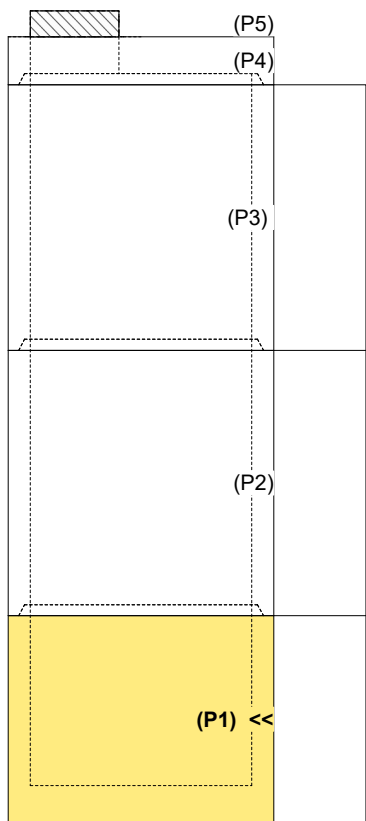
FIRST POUR (BASE): 10,437 LBS
SECOND POUR (DROP): 2,408 LBS

Rim: 748.88' Rim to Invert: 17.5' Slack: 2" Sump: 2" Step Position: 287°

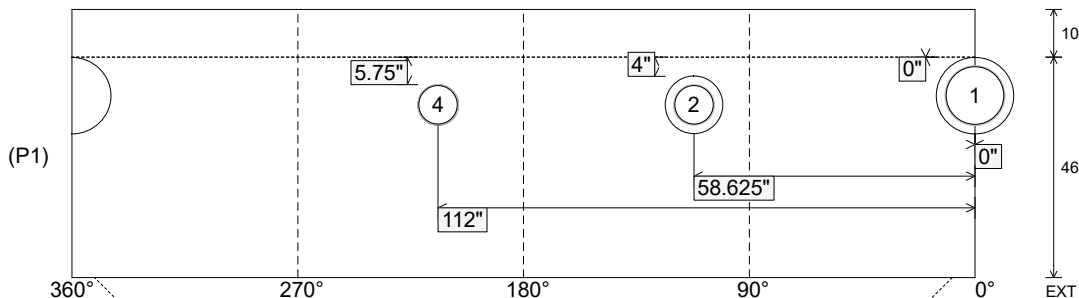
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	731.38'	0°	0"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.196"	0"	0"
Invert 2	731.71'	112°	70.375"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.081"	4"	0"
Invert 3										
Invert 4	731.71'	214°	134.5"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.529"	5.75"	0"
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: 6"
 Floor Height: 10"

Height (Int): 46"
 Height (Ext): 56"

Weight (Net): 10437 lb
 Volume (Net): 2.67cu.yd

