

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 1:22:20 PM

PC: Celina Goff



**Structure ID: 2301264**

**P1 MH048BAVF**

**MH BASE (08"F) T/n**

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - CON CONE w/24" HOLE F/G - 24"
- P2) 48" - MH RISER T/G - 24"
- P1) 48" - MH BASE (08"F) T/n - 39"
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) Quik-Lok - QL-08-C
- 1) PSX - 12-08 NYLO
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2252 lb  
 1677 lb  
 4412 lb  
 1440 lb  
 0 lb  
 1 lb  
 8 lb  
 0 lb  
 -----  
 Structure Total: 9789 lb

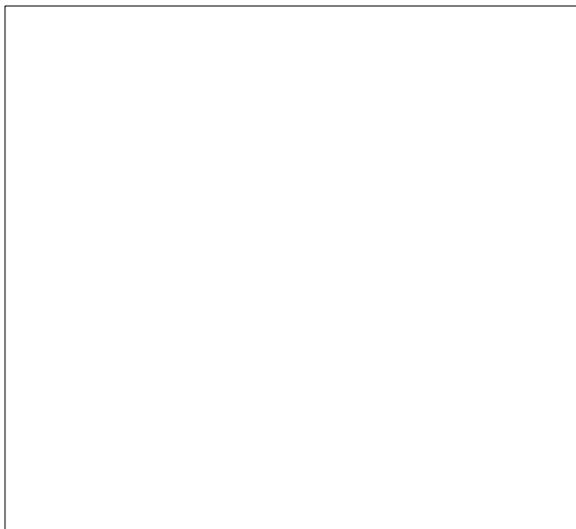
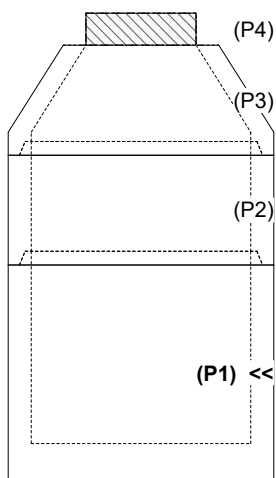
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
  2. CONCRETE: 4,000 PSI AT 28 DAYS
  3. REINFORCEMENT:
    - WALLS: PER ASTM A615 - DOUBLE MAT
    - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
  4. INVERT CHANNEL REQUIRED
  5. STEPS AT 270 DEGREES
  6. 7" CASTING SUPPLIED BY OTHERS

Rim: 781.16' Rim to Invert: 7.86' Slack: 2.32" Sump: 2" Step Position: 270°

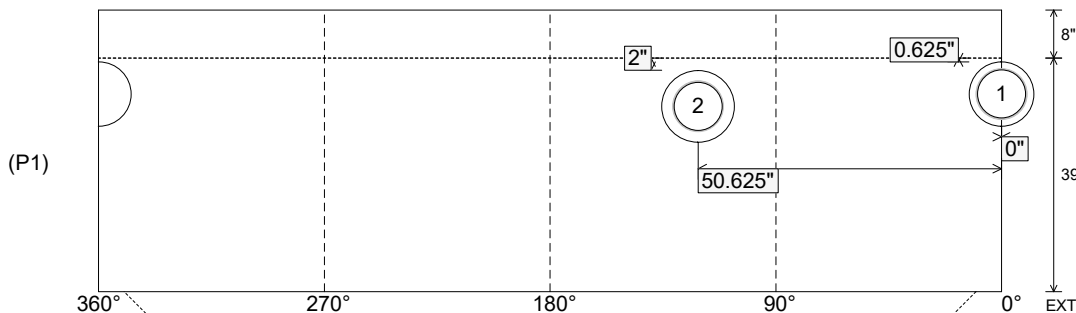
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	773.3'	0°	0"	8" PVC SDR35	8.5"	Quik-Lok QL-08-C	10.75"	10.842"	0.625"	0"
Invert 2	773.47'	121°	61.25"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 8"

Height (Int): 39"  
 Height (Ext): 47"

Weight (Net): 4412 lb  
 Volume (Net): 1.13cu.yd

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 1:22:20 PM

PC: Celina Goff



**Structure ID: 2301264**

**P1 MH048BAVF**

**MH BASE (08"F) T/n**

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - CON CONE w/24" HOLE F/G - 24"
- P2) 48" - MH RISER T/G - 24"
- P1) 48" - MH BASE (08"F) T/n - 39"
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) Quik-Lok - QL-08-C
- 1) PSX - 12-08 NYLO
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2252 lb  
 1677 lb  
 4412 lb  
 1440 lb  
 0 lb  
 1 lb  
 8 lb  
 0 lb  
 -----  
 Structure Total: 9789 lb

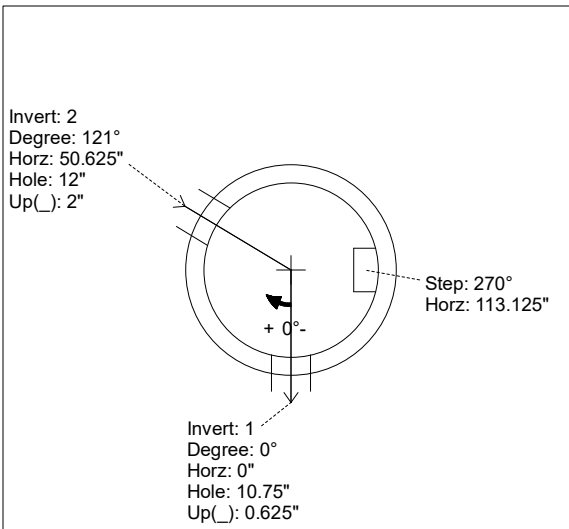
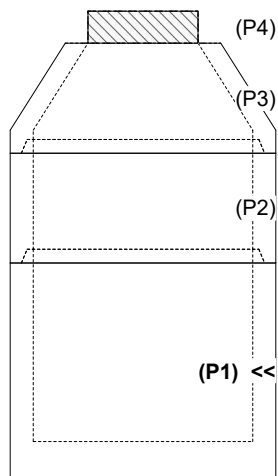
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
  2. CONCRETE: 4,000 PSI AT 28 DAYS
  3. REINFORCEMENT:
    - WALLS: PER ASTM A615 - DOUBLE MAT
    - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
  4. INVERT CHANNEL REQUIRED
  5. STEPS AT 270 DEGREES
  6. 7" CASTING SUPPLIED BY OTHERS

Rim: 781.16' Rim to Invert: 7.86' Slack: 2.32" Sump: 2" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	773.3'	0°	0"	8" PVC SDR35	8.5"	Quik-Lok QL-08-C	10.75"	10.842"	0.625"	0"
Invert 2	773.47'	121°	61.25"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

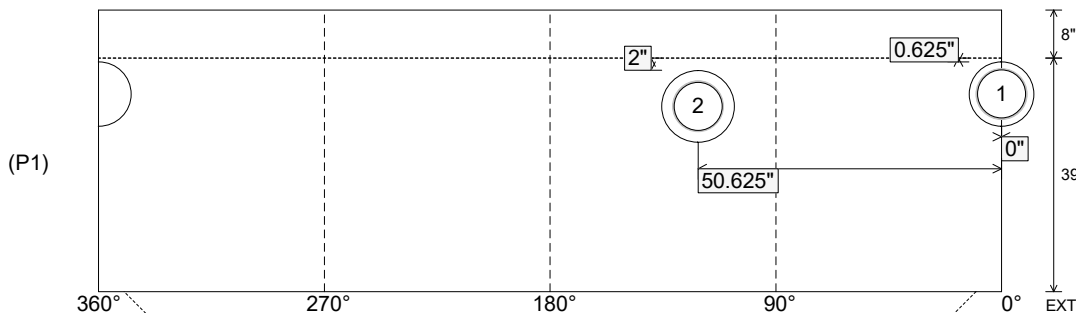
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



**INVERT CHANNEL DRAWING**

INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 8"

Height (Int): 39"  
 Height (Ext): 47"

Weight (Net): 4412 lb  
 Volume (Net): 1.13cu.yd