

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

3/26/2026 2:15:09 PM

PC: Celina Goff



Structure ID: 2301558

P2 MH072R48

MH RISER w/DROP T/G

- P6) 24" - CASTING HEIGHT - 7"
- P5) 48" - CON CONE w/24" HOLE F/G - 36"
- P4) 48" - MH RISER T/G - 48"
- P3) 72" - MH Transition Slab 48" Hole T/G - 15"
- P2) 72" - MH RISER w/DROP T/G - 48"
- P1) 72" - MH BASE (10" F) w/DROP Custom Ht T/n - 60"
- 1) 72" - MH INVERT CHANNEL - FULL HEIGHT
- 1) SECONDARY POUR - Add Exterior Drop to Base (P1)
- 1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
- 2) 72" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 17) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 3353 lb
 3864 lb
 6964 lb
 15068 lb
 5422 lb
 3010 lb
 2064 lb
 0 lb
 0 lb
 2 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 42000 lb

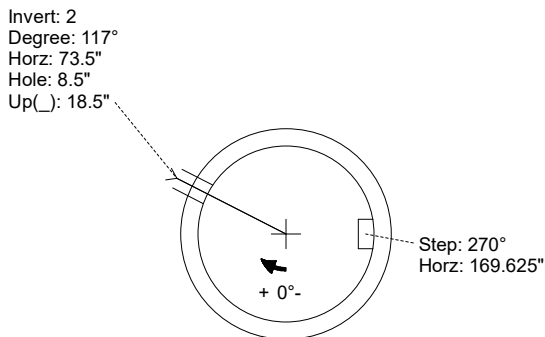
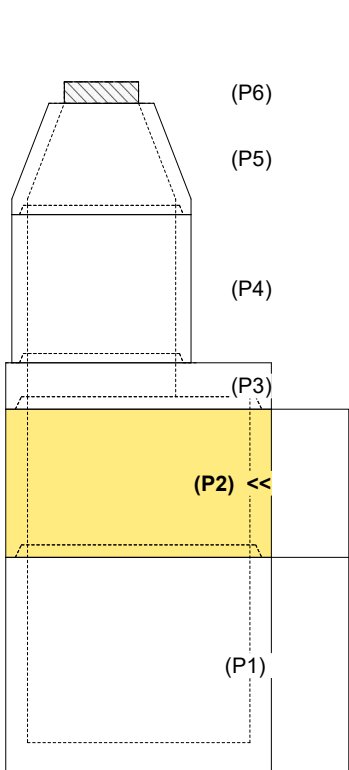
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. STEPS AT 270 DEGREES
 5. 7" CASTING SUPPLIED BY OTHERS
 6. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST

FIRST POUR (RISER): 6,964 LBS
SECOND POUR (DROP): 2,064 LBS

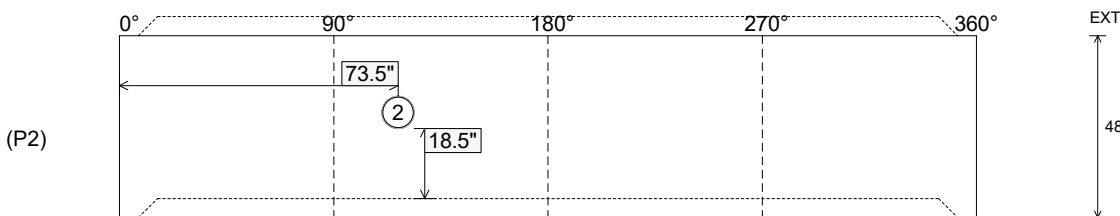
Rim: 758.88' Rim to Invert: 17.83' Slack: 2.96" Sump: 3" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	747.78'	117°	87.75"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.52"	18.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 7"
 Floor Height: 0"

Height (Int): 48"
 Height (Ext): 48"

Weight (Net): 6964 lb
 Volume (Net): 1.78cu.yd

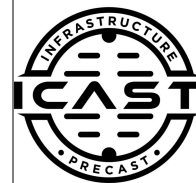
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

Tech: J. Horsley - A

3/26/2026 2:15:09 PM

PC: Celina Goff



Structure ID: 2301558

P2 MH072R48

MH RISER w/DROP T/G

- P6) 24" - CASTING HEIGHT - 7"
- P5) 48" - CON CONE w/24" HOLE F/G - 36"
- P4) 48" - MH RISER T/G - 48"
- P3) 72" - MH Transition Slab 48" Hole T/G - 15"
- P2) 72" - MH RISER w/DROP T/G - 48"
- P1) 72" - MH BASE (10"F) w/DROP Custom Ht T/n - 60"
- 1) 72" - MH INVERT CHANNEL - FULL HEIGHT
- 1) SECONDARY POUR - Add Exterior Drop to Base (P1)
- 1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
- 2) 72" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 17) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 3353 lb
 3864 lb
 6964 lb
 15068 lb
 5422 lb
 3010 lb
 2064 lb
 0 lb
 0 lb
 2 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 42000 lb

- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. EXTERIOR DROP REINFORCEMENT: DRILL & STUB #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. STEPS AT 270 DEGREES
 5. 7" CASTING SUPPLIED BY OTHERS
 6. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST
 7. ADD 8" SDR 35 DROP & TEE AT INVERT 2 (117°)

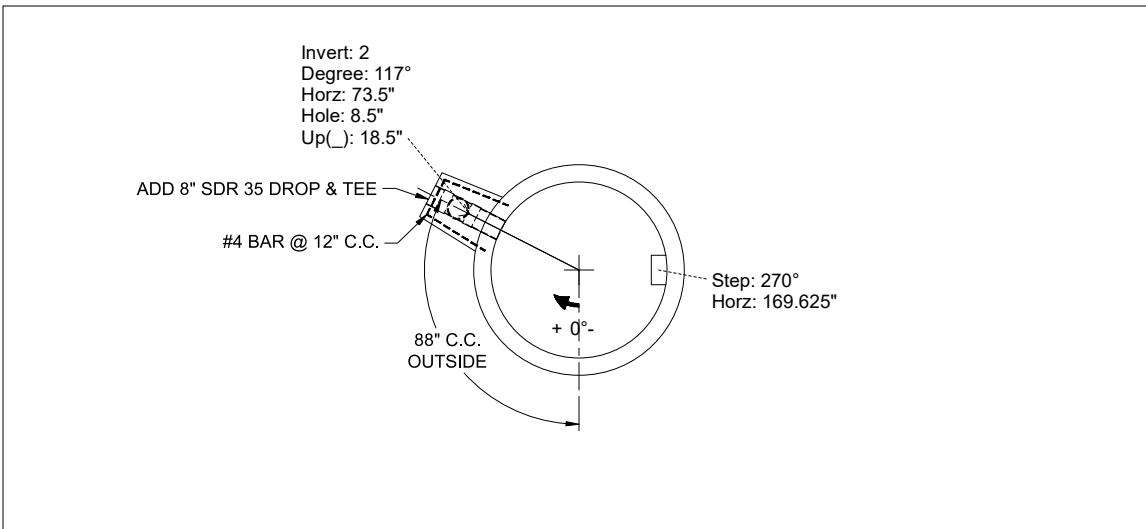
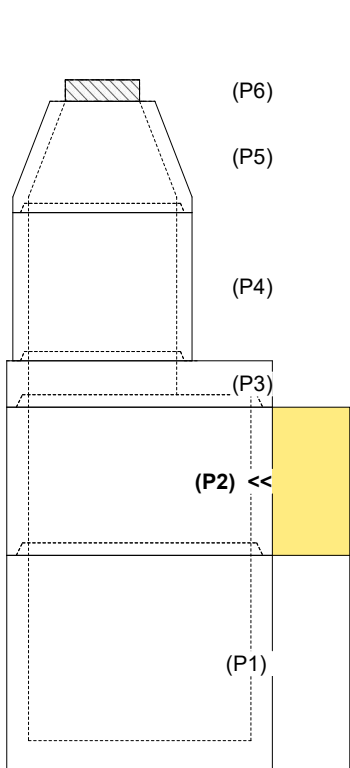
FIRST POUR (RISER): 6,964 LBS

SECOND POUR (DROP): 2,064 LBS

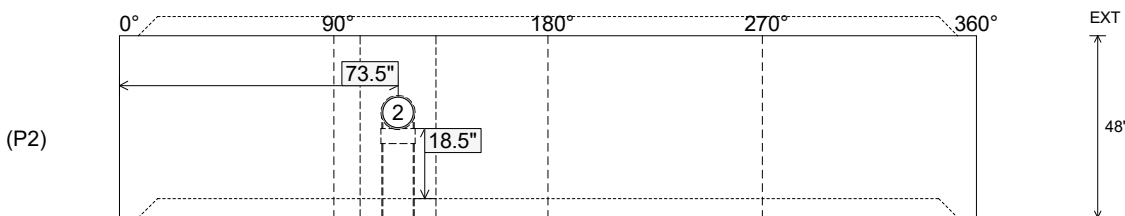
Rim: 758.88' Rim to Invert: 17.83' Slack: 2.96" Sump: 3" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2	747.78'	117°	87.75"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.52"	18.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 7"
 Floor Height: 0"

Height (Int): 48"
 Height (Ext): 48"

Weight (Net): 6964 lb
 Volume (Net): 1.78cu.yd