

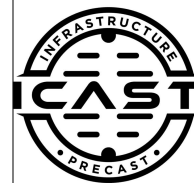
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements  
 Job Location: Fort Mitchell, KY 41017  
 Contractor: Lykins Contracting

Plant: 100

Tech: J. Horsley - A

3/20/2026 1:21:17 PM

PC: Celina Goff



**Structure ID: 2301538**

**P1 MH060DPVF**

**MH BASE (14"F) w/DROP Custom Ht T/n**

- P8) 24" - CASTING HEIGHT - 7"
- P7) 48" - CON CONE w/24" HOLE F/G - 24"
- P6) 48" - MH RISER T/G - 72"
- P5) 48" - MH RISER T/G - 72"
- P4) 60" - MH Transition Slab 48" Hole T/G - 15"
- P3) 60" - MH RISER w/DROP T/G - 60"
- P2) 60" - MH RISER w/DROP Custom Ht T/G - 38"
- P1) 60" - MH BASE (14"F) w/DROP Custom Ht T/n - 72"
- 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)
- 3) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 28) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2252 lb  
 5030 lb  
 5030 lb  
 2204 lb  
 6235 lb  
 3967 lb  
 14615 lb  
 2692 lb  
 3698 lb  
 1634 lb  
 2580 lb  
 0 lb  
 0 lb  
 2 lb  
 0 lb  
 0 lb  
 0 lb  
 0 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 200 DEGREES
  6. 7" CASTING SUPPLIED BY OTHERS
  7. EXTERIOR DROP AT INVERTS 3 & 4 SUPPLIED BY ICAST

Structure Total: 49939 lb

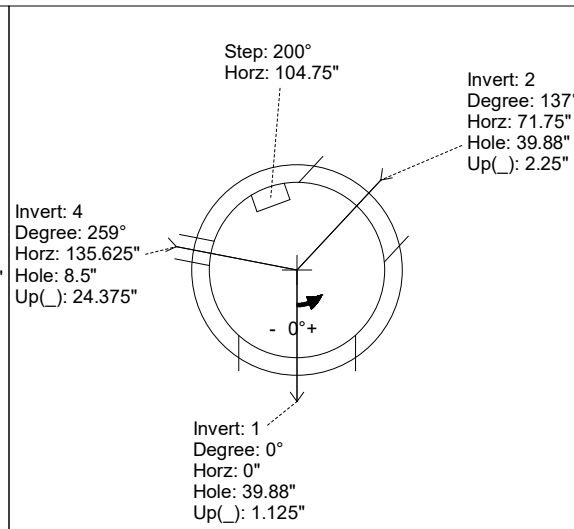
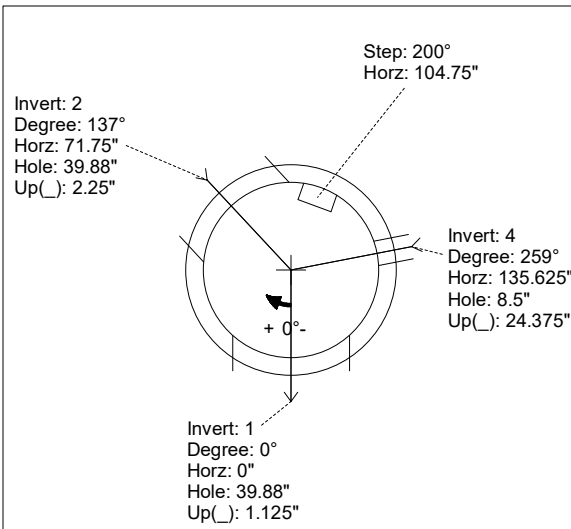
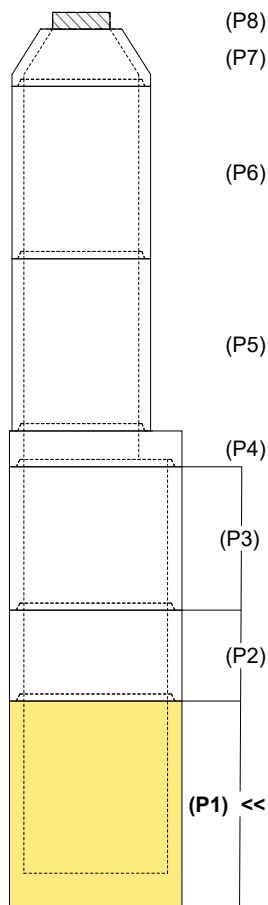
**FIRST POUR (BASE): 14,615 LBS**  
**SECOND POUR (DROP): 3,698 LBS**

Rim: 762.81' Rim to Invert: 29.97' Slack: 2.64" Sump: 3" Step Position: 200°

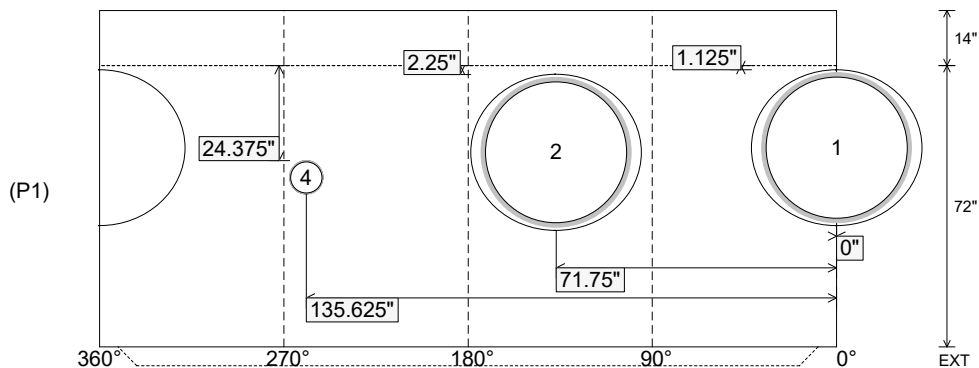
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	732.84'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2	732.94'	137°	86.125"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 3										
Invert 4	734.64'	259°	162.75"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.529"	24.375"	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: 14"

Height (Int): 72"  
 Height (Ext): 86"

Weight (Net): 14615 lb  
 Volume (Net): 3.73cu.yd

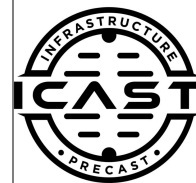
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements  
 Job Location: Fort Mitchell, KY 41017  
 Contractor: Lykins Contracting

Plant: 100

Tech: J. Horsley - A

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- 3698 lb
- 1634 lb
- 2580 lb
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- 0 lb
- 2 lb
- 0 lb
- 0 lb
- 0 lb
- 0 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. INVERT CHANNEL REQUIRED
  5. STEPS AT 200 DEGREES
  6. 7" CASTING SUPPLIED BY OTHERS
  7. EXTERIOR DROP AT INVERTS 3 & 4 SUPPLIED BY ICAST
  8. ADD 8" SDR 35 DROP & ELBOW AT INVERT 4 (259°)

Structure Total: 49939 lb

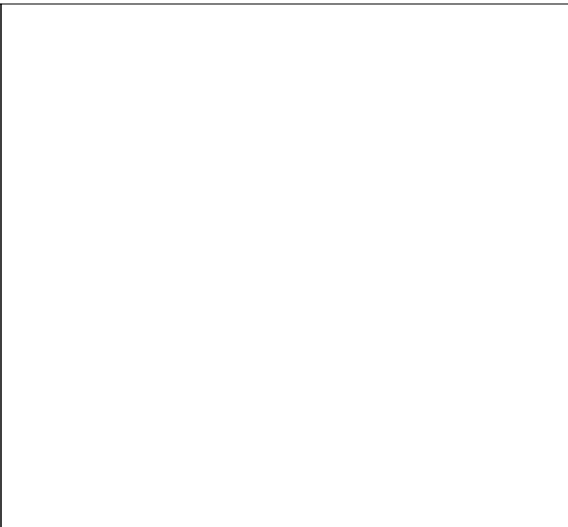
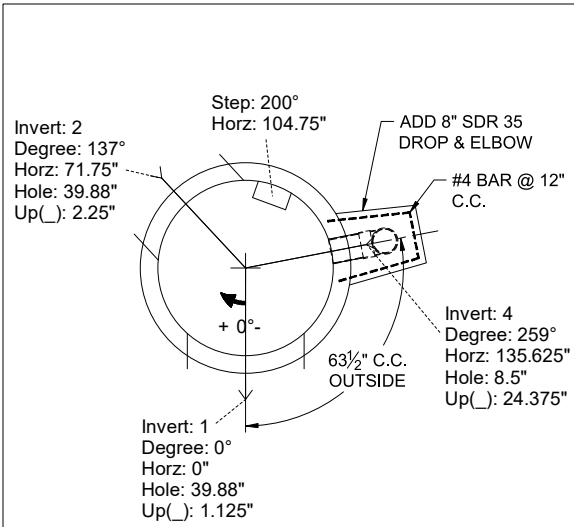
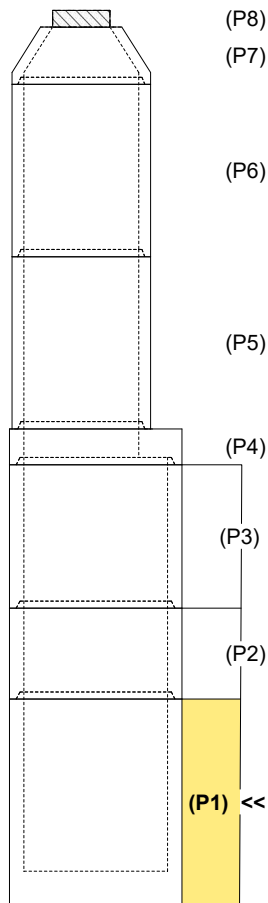
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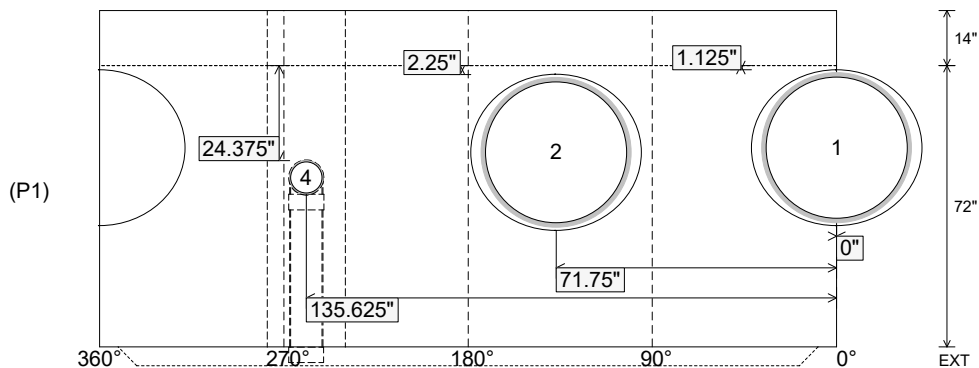
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Invert 5										
Invert 6										
Invert 7										
Invert 8										

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: 14"

Height (Int): 72"  
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Volume (Net): 3.73cu.yd

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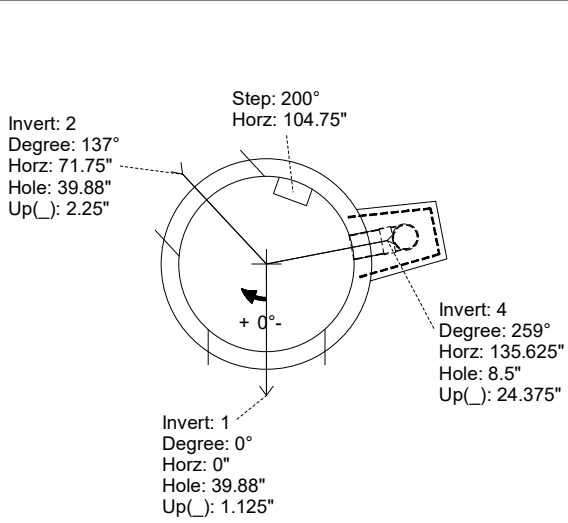
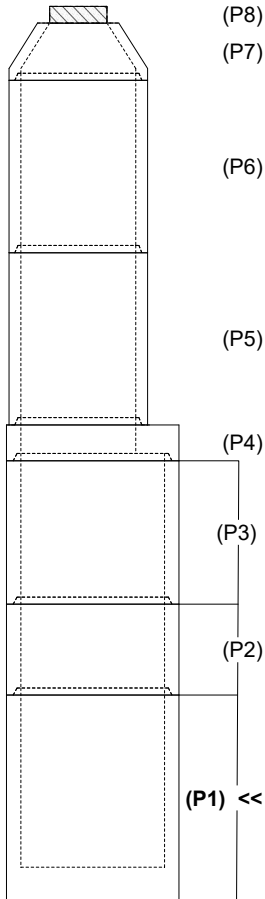
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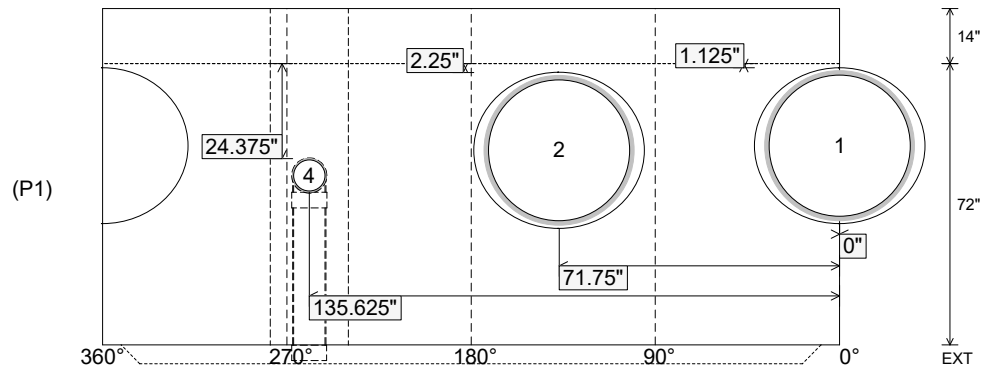
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



**INVERT CHANNEL DRAWING**

INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

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 Seam Dn: n/a

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