

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

PC: Celina Goff
TECH: J. Horsley - A
Plant: 100



Structure ID: **2280813 (Rev)**

Spec: Sanitary
Type: SAN.MH w/Ext. Drop
Size: 48"

Rim: 772.25'
Invert: 751.25'
Rim to Invert: 21'

Sump: 2.309"
Floor (Top): 751.058'
Floor Height: 12"

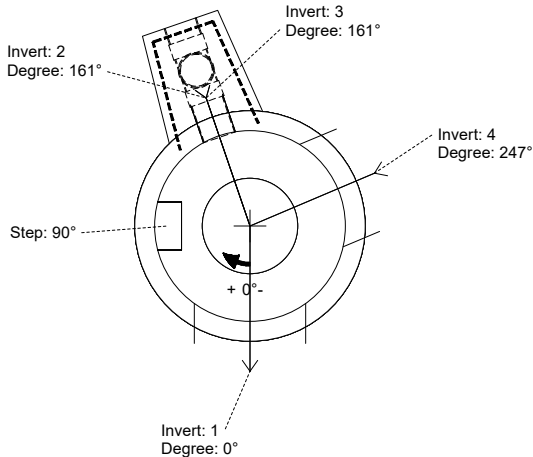
Floor (Bot): 750.058'
Overall Height: 22.083'
Slack: 1.309"

Structure Notes:

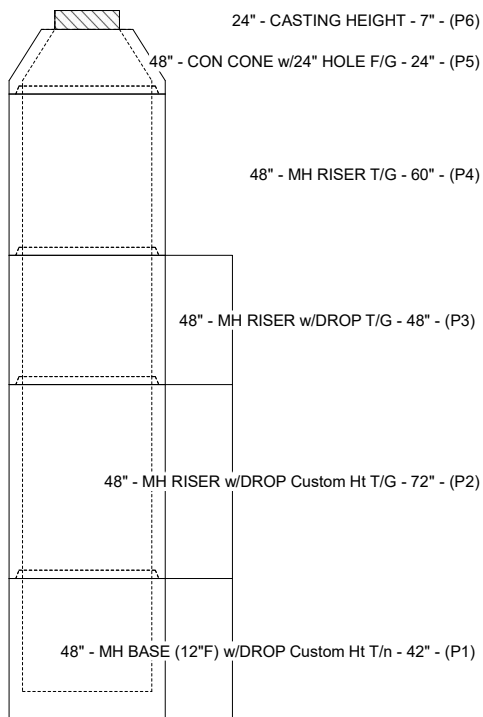
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - CONE & RISERS: PER ASTM A615
 - BASE WALLS: PER ASTM A615 - DOUBLE MAT
 - BASE FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. INVERT CHANNEL REQUIRED
5. STEPS AT 90 DEGREES
6. 7" CASTING SUPPLIED BY OTHERS
7. EXTERIOR DROP AT INVERTS 2 & 3 SUPPLIED BY ICAST

STRUCTURE SUMMARY:

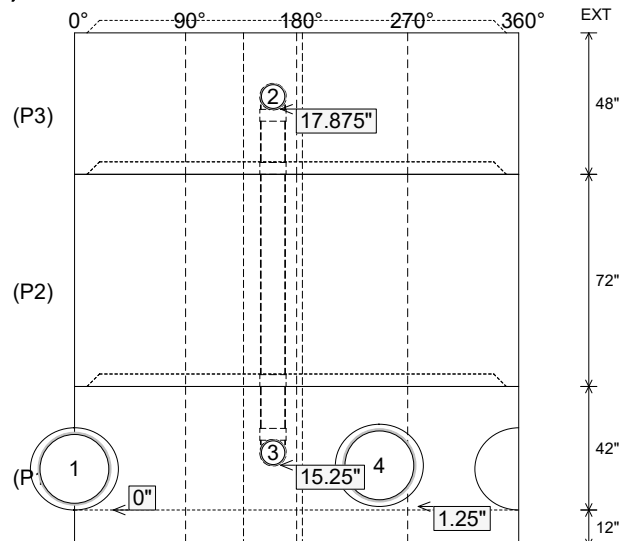
P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 48" - CON CONE w/24" HOLE F/G - 24"	2252 lb
P4) 48" - MH RISER T/G - 60"	4192 lb
P3) 48" - MH RISER w/DROP T/G - 48"	5393 lb
P2) 48" - MH RISER w/DROP Custom Ht T/G - 72"	8128 lb
P1) 48" - MH BASE (12"F) w/DROP Custom Ht T/n - 42"	7349 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
4) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
2) Kor-N-Seal2 - S206-28	13 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
20) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	28766 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	772.25'							
Reducer								
Invert 1	751.25'	0°	24" PVC SDR35/F679	24.803"	28"	Kor-N-Seal2 S206-28	0"	P1
Invert 2	762.42'	161°	8" PVC SDR35	8.5"	8.5"	Drop Tee 8" PVC	17.875"	P3
Invert 3	752.35'	161°	8" PVC SDR35	8.5"	8.5"	Drop Elbow 8" PVC	15.25"	P1
Invert 4	751.35'	247°	24" PVC SDR35/F679	24.803"	28"	Kor-N-Seal2 S206-28	1.25"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
6/2/2026 6:55:17 AM

SUBMITTAL
APPROVED BY: