

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: **2280815 (Rev)**

Spec: Sanitary
Type: SAN.MH
Size: 48"

Rim: 767'
Invert: 751.49'
Rim to Invert: 15.51'

Sump: 2.309'
Floor (Top): 751.298'
Floor Height: 10"

Floor (Bot): 750.464'
Overall Height: 16.417'
Slack: 1.429"

Structure Notes:

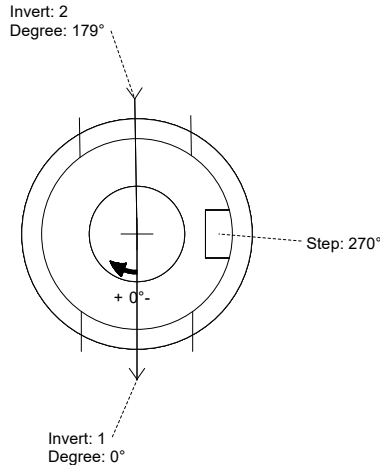
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - CONE & RISERS: PER ASTM A615
 - BASE WALLS: PER ASTM A615 - DOUBLE MAT
 - BASE FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. INVERT CHANNEL REQUIRED
5. STEPS AT 270 DEGREES
6. 7" CASTING SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

- P5) 24" - CASTING HEIGHT - 7"
P4) 48" - CON CONE w/24" HOLE F/G - 36"
P3) 48" - MH RISER T/G - 48"
P2) 48" - MH RISER T/G - 48"
P1) 48" - MH BASE (10"F) Custom Ht T/n - 48"
1) 48" - MH INVERT CHANNEL - FULL HEIGHT
3) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) Kor-N-Seal2 - S206-28
13) MH Step ML-10-TDS-NCR - 10"

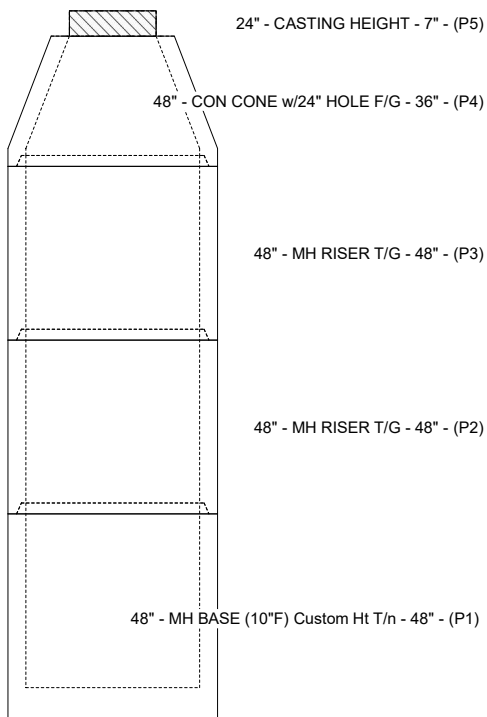
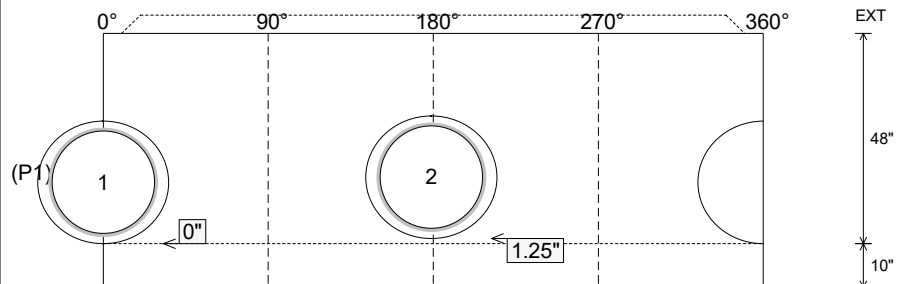
0 lb
2252 lb
3353 lb
3353 lb
5025 lb
1440 lb
0 lb
0 lb
13 lb
0 lb

Structure Total: 15437 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	767'							
Reducer								
Invert 1	751.49'	0°	24" PVC SDR35/F679	24.803"	28"	Kor-N-Seal2 S206-28	0"	P1
Invert 2	751.59'	179°	24" PVC SDR35/F679	24.803"	28"	Kor-N-Seal2 S206-28	1.25"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
6/2/2026 6:55:19 AM

SUBMITTAL
APPROVED BY: