

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: **2301569**

Spec: Sanitary
Type: SAN.MH Transition
Size: 72"

Rim: 761.81'
Invert: 746.68'
Rim to Invert: 15.13'

Sump: 3"
Floor (Top): 746.43'
Floor Height: 8"

Floor (Bot): 745.763'
Overall Height: 16'
Slack: 0.56"

Structure Notes:

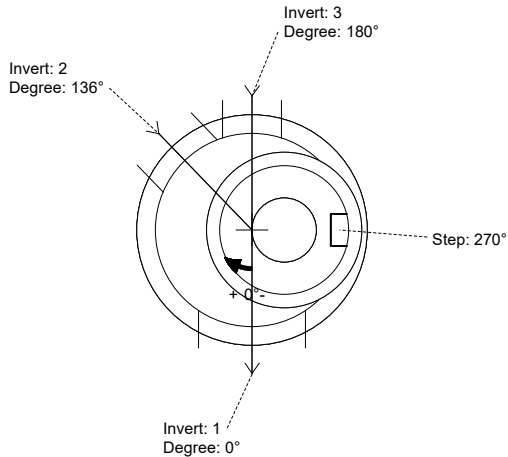
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - CONE & RISERS: PER ASTM A615
 - TRANSITION SLAB TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
 - TRANSITION SLAB BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
 - BASE WALLS: PER ASTM A615 - DOUBLE MAT
 - BASE FLOOR: #5 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:

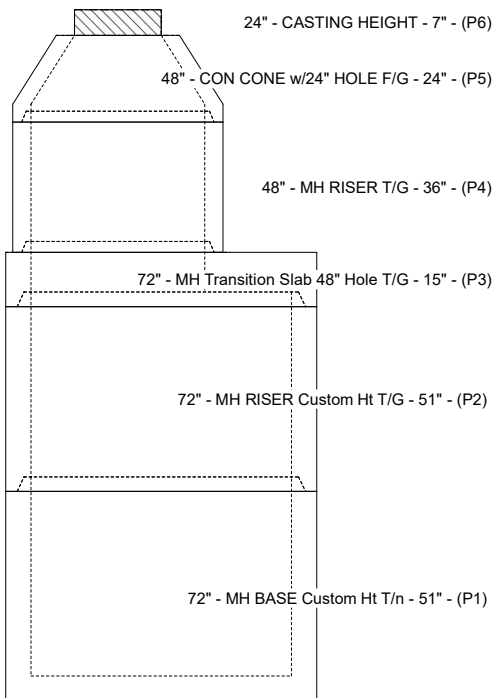
- P6) 24" - CASTING HEIGHT - 7"
P5) 48" - CON CONE w/24" HOLE F/G - 24"
P4) 48" - MH RISER T/G - 36"
P3) 72" - MH Transition Slab 48" Hole T/G - 15"
P2) 72" - MH RISER Custom Ht T/G - 51"
P1) 72" - MH BASE Custom Ht T/n - 51"
1) 72" - MH INVERT CHANNEL - FULL HEIGHT
2) 72" - Conseal CS-102 1.00" (Double)
2) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
1) A-Lok - 1235
1) Kor-N-Seal2 - S206-28
1) Kor-N-Seal2 - S206-22
10) MH Step ML-10-TDS-NCR - 10"

0 lb
2252 lb
2515 lb
3864 lb
7208 lb
10194 lb
5422 lb
0 lb
0 lb
0 lb
1 lb
6 lb
6 lb
0 lb

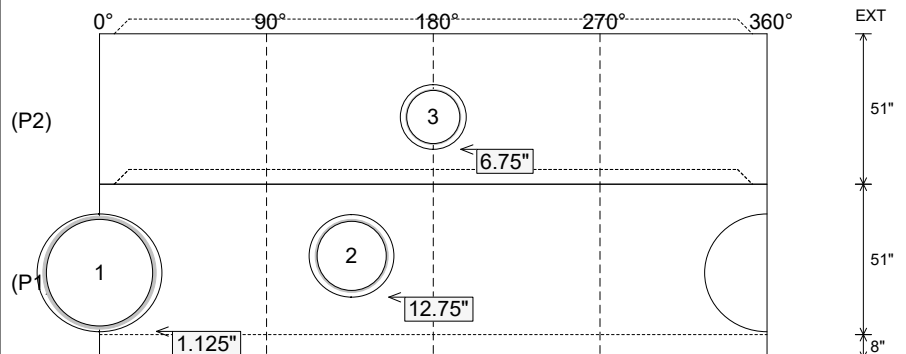
Structure Total: 31469 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	761.81'							
Reducer	754.93'							
Invert 1	746.68'	0°	36" PVC SDR35/F679	38.3"	39.88"	A-Lok 1235	1.125"	P1
Invert 2	747.68'	136°	24" PVC SDR35/F679	24.803"	28"	Kor-N-Seal2 S206-28	12.75"	P1
Invert 3	751.83'	180°	18" PVC SDR35	18.75"	22"	Kor-N-Seal2 S206-22	6.75"	P2
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
6/30/2026 8:08:42 AM

SUBMITTAL
APPROVED BY: