

**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: **2301575**  
 Spec: Sanitary  
 Type: SAN.MH  
 Size: 60"

Rim: 738.89'  
 Invert: 729.15'  
 Rim to Invert: 9.74'

Sump: 2"  
 Floor (Top): 728.983'  
 Floor Height: 8"

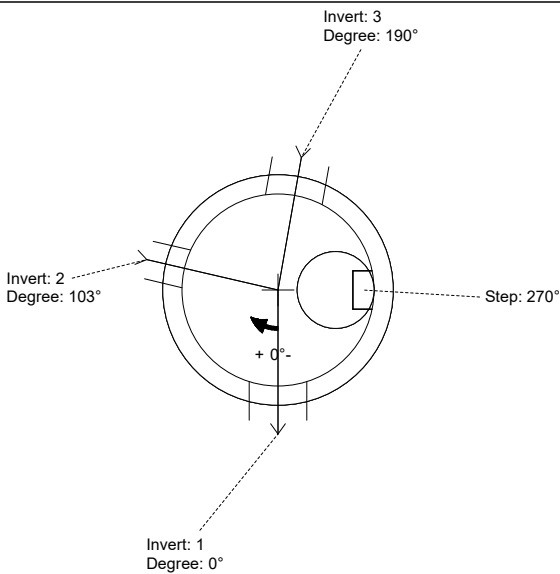
Floor (Bot): 728.316'  
 Overall Height: 10.333'  
 Slack: 2.88"

**Structure Notes:**

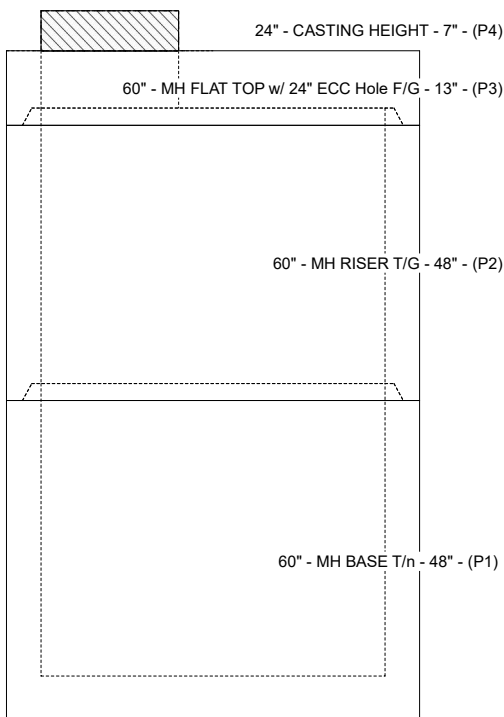
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
  - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
  - RISER: PER ASTM A615
  - BASE WALLS: PER ASTM A615 - DOUBLE MAT
  - BASE FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)
- INVERT CHANNEL REQUIRED
- STEPS AT 270 DEGREES
- 7"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

**STRUCTURE SUMMARY:**

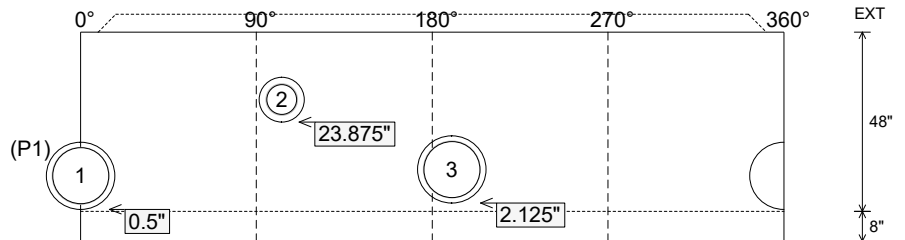
P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"	2869 lb
P2) 60" - MH RISER T/G - 48"	5011 lb
P1) 60" - MH BASE T/n - 48"	7427 lb
1) 60" - MH INVERT CHANNEL - FULL HEIGHT	2692 lb
2) 60" - Conseal CS-102 1.00" (Double)	0 lb
2) Kor-N-Seal2 - S206-18L	12 lb
1) PSX - 12-08 NYLO	8 lb
8) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>18019 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	738.89'							
Reducer								
Invert 1	729.15'	0°	15" PVC SDR35	15.3"	18"	Kor-N-Seal2 S206-18L	0.5"	P1
Invert 2	731.14'	103°	8" PVC SDR35	8.5"	12"	PSX 12-08 NYLO	23.875"	P1
Invert 3	729.29'	190°	15" PVC SDR35	15.3"	18"	Kor-N-Seal2 S206-18L	2.125"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: