

**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

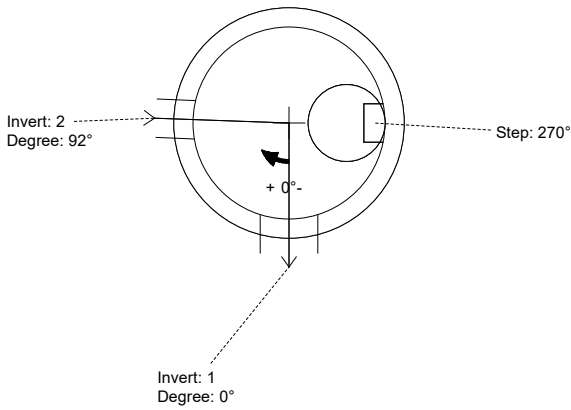


Structure ID: **2301576**  
 Spec: Sanitary Rim: 737.35'  
 Type: SAN.MH Invert: 730.89'  
 Size: 60" Rim to Invert: 6.46' Sump: 2"  
 Floor (Top): 730.723'  
 Floor Height: 8"  
 Floor (Bot): 730.056'  
 Overall Height: 7.167'  
 Slack: 1.52"

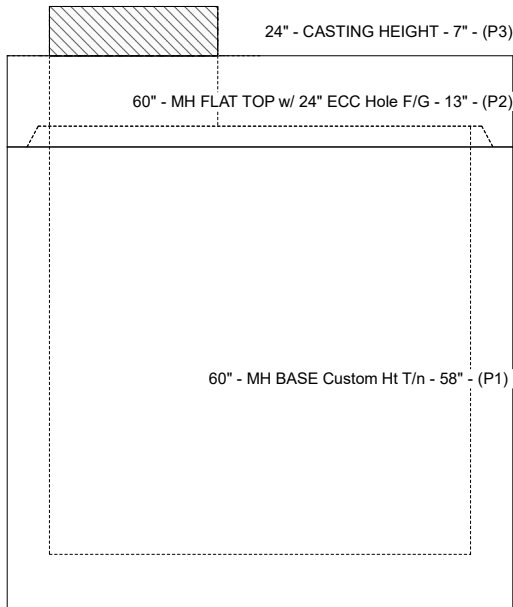
- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
  - CONCRETE: 4,000 PSI AT 28 DAYS
  - REINFORCEMENT:
    - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
    - BASE WALLS: PER ASTM A615 - DOUBLE MAT
    - BASE FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)
  - INVERT CHANNEL REQUIRED
  - STEPS AT 270 DEGREES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

**STRUCTURE SUMMARY:**

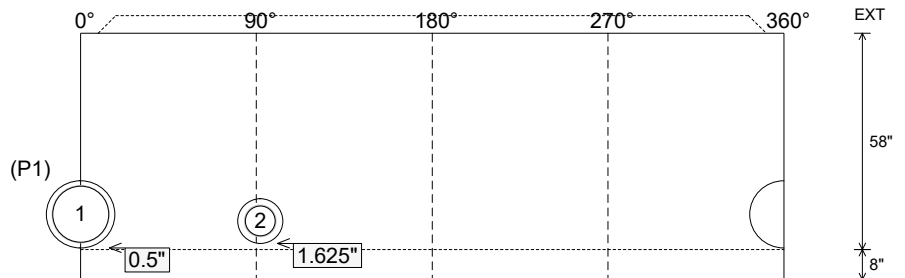
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"	2869 lb
P1) 60" - MH BASE Custom Ht T/n - 58"	8601 lb
1) 60" - MH INVERT CHANNEL - FULL HEIGHT	2692 lb
1) 60" - Conseal CS-102 1.00" (Double)	0 lb
1) Kor-N-Seal2 - S206-18L	6 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>14176 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	737.35'							
Reducer								
Invert 1	730.89'	0°	15" PVC SDR35	15.3"	18"	Kor-N-Seal2 S206-18L	0.5"	P1
Invert 2	731.03'	92°	8" PVC SDR35	8.5"	12"	PSX 12-08 NYLO	1.625"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: