

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

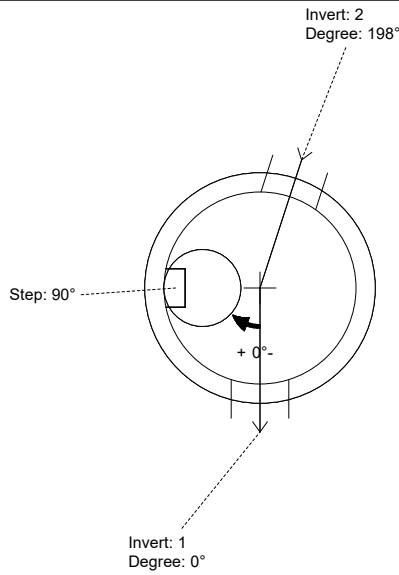


Structure ID: **2301574**
 Spec: Sanitary Rim: 739.51'
 Type: SAN.MH Invert: 728.53'
 Size: 60" Rim to Invert: 10.98' Sump: 2"
 Floor (Top): 728.363'
 Floor (Bot): 727.696'
 Overall Height: 11.667'
 Slack: 1.76"

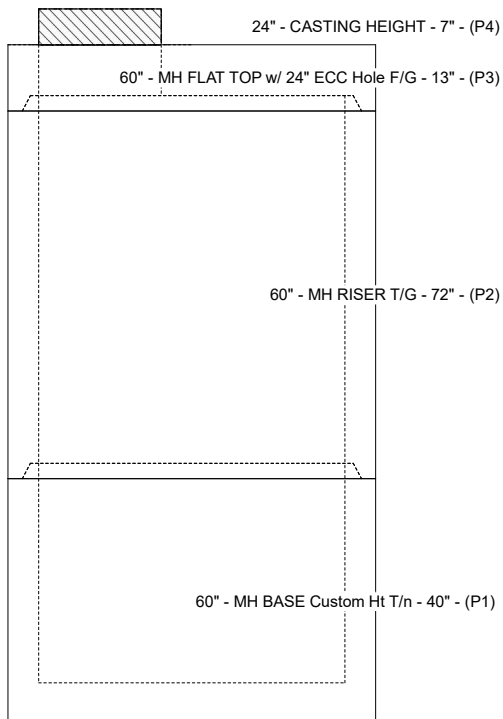
- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
 - CONCRETE: 4,000 PSI AT 28 DAYS
 - REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - RISER: PER ASTM A615
 - BASE WALLS: PER ASTM A615 - DOUBLE MAT
 - BASE FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)
 - INVERT CHANNEL REQUIRED
 - STEPS AT 90 DEGREES
 - 7" CASTING SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

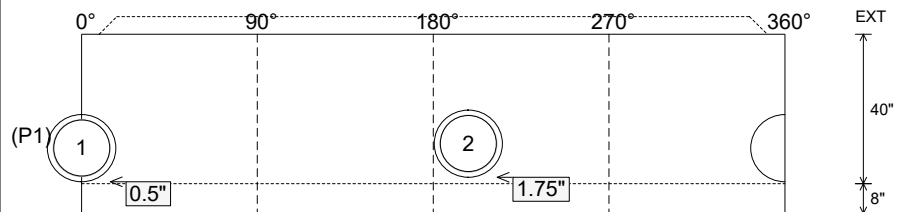
P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"	2869 lb
P2) 60" - MH RISER T/G - 72"	7516 lb
P1) 60" - MH BASE Custom Ht T/n - 40"	6649 lb
1) 60" - MH INVERT CHANNEL - FULL HEIGHT	2692 lb
2) 60" - Conseal CS-102 1.00" (Double)	0 lb
2) Kor-N-Seal2 - S206-18L	12 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	19739 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	739.51'							
Reducer								
Invert 1	728.53'	0°	15" PVC SDR35	15.3"	18"	Kor-N-Seal2 S206-18L	0.5"	P1
Invert 2	728.63'	198°	15" PVC SDR35	15.3"	18"	Kor-N-Seal2 S206-18L	1.75"	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: