

Job Name: 25-4419 - East Bank Reginal Pump Station
Job Location: Nashville, TN 37213
Contractor: Garney Companies, Inc.

PC: J. Jarvis
 TECH: J. Horsley - F
 Plant: 100



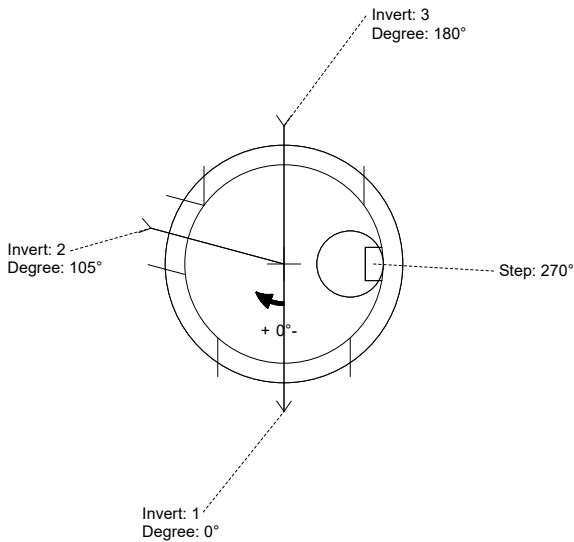
Structure ID: **ST104**
 Spec: Storm Rim: 420.53' Sump: 4" Floor (Bot): 406.06'
 Type: STM.MH Invert: 407.06' Floor (Top): 406.727' Overall Height: 14.417'
 Size: 72" Rim to Invert: 13.47' Floor Height: 8" Slack: 0.64"

Structure Notes:

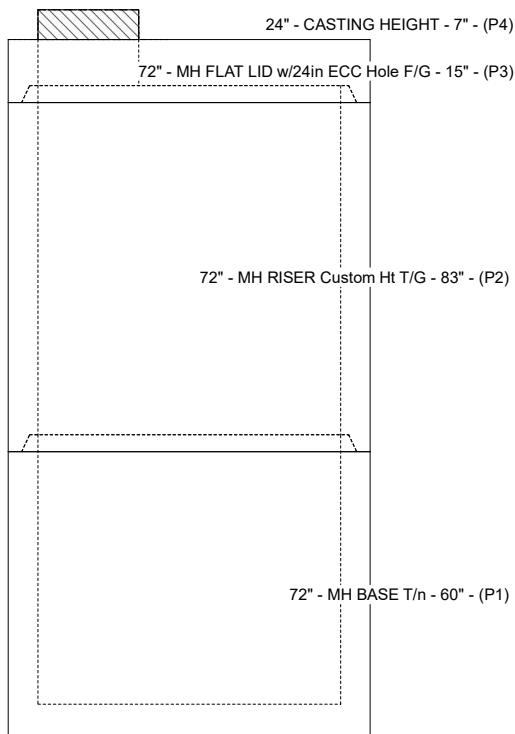
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
 - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
 - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
 - BASE & RISER: PER ASTM A615
- NO STORM INVERT
- STEPS AT 270 DEGREES
- JBS 1150 FRAME & COVER "STORM" SUPPLIED BY ICAST

STRUCTURE SUMMARY:

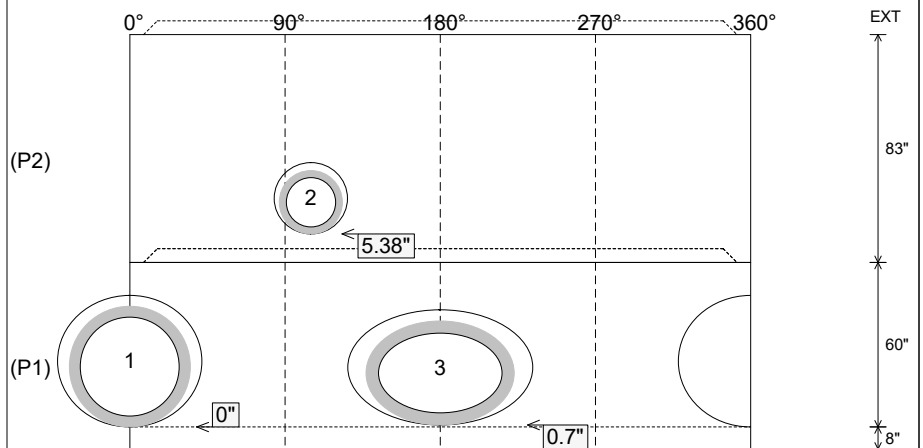
P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 72" - MH FLAT LID w/24in ECC Hole F/G - 15"	5098 lb
P2) 72" - MH RISER Custom Ht T/G - 83"	11782 lb
P1) 72" - MH BASE T/n - 60"	10231 lb
1) CASTING - JBS 1150 F/C STORM	250 lb
2) 72" - Conseal CS-102 1.00"	0 lb
1) Hole - 48	0 lb
1) Hole - 26	0 lb
1) Hole - 58 x 42	0 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	27361 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	420.53'							
Reducer								
Invert 1	407.06'	0°	36" RCP B WALL	44"	48"	Hole 48	0"	P1
Invert 2	412.8'	105°	18" RCP B WALL	23"	26"	Hole 26	5.38"	P2
Invert 3	407.16'	180°	45" x 29" ELL RCP	54" x 38"	58" x 42"	Hole 58 x 42	0.7"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 1/28/2026 2:14:39 PM

SUBMITTAL
 APPROVED BY: