

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

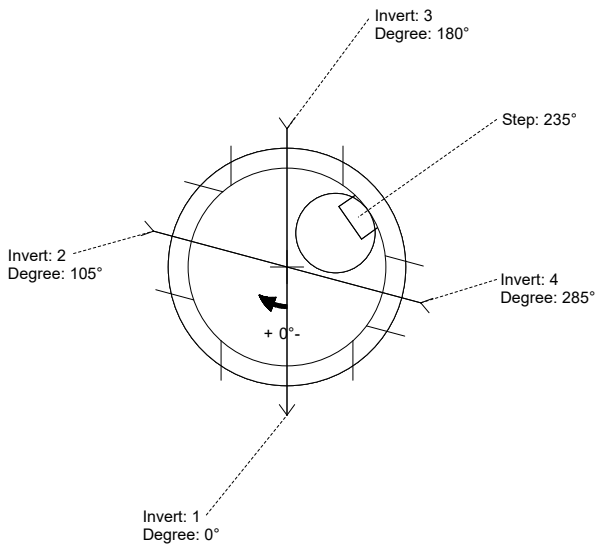


Structure ID: **ST106**
 Spec: Storm Rim: 419.22' Sump: 3.5' Floor (Bot): 408.642'
 Type: STM.MH Invert: 409.6' Floor (Top): 409.308' Overall Height: 10.5'
 Size: 60" Rim to Invert: 9.62' Floor Height: 8" Slack: 0.94"

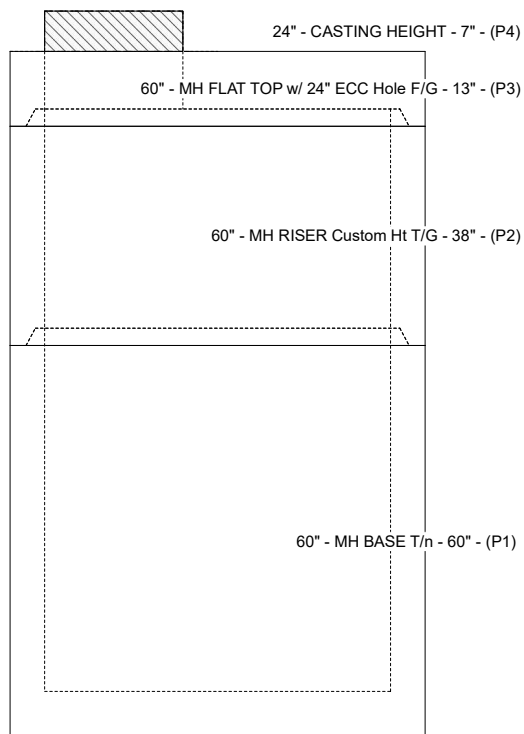
- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
 - CONCRETE: 4,000 PSI AT 28 DAYS
 - REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE & RISER: PER ASTM A615
 - NO STORM INVERT
 - STEPS AT 235 DEGREES
 - JBS 1150 FRAME & COVER "STORM" SUPPLIED BY ICAST

STRUCTURE SUMMARY:

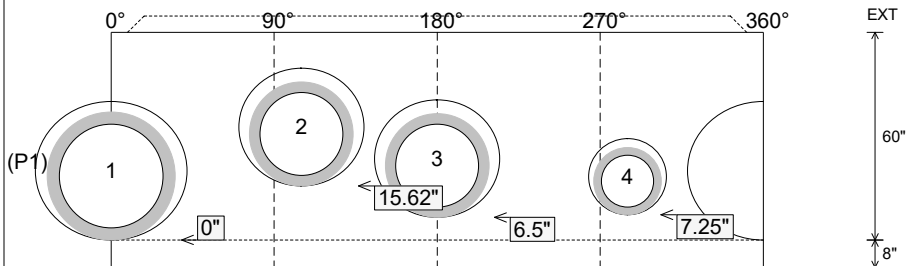
- P4) 24" - CASTING HEIGHT - 7" 0 lb
 - P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13" 2869 lb
 - P2) 60" - MH RISER Custom Ht T/G - 38" 3967 lb
 - P1) 60" - MH BASE T/n - 60" 7158 lb
 - 1) CASTING - JBS 1150 F/C STORM 250 lb
 - 2) 60" - Conseal CS-102 1.00" 0 lb
 - 1) Hole - 40 0 lb
 - 2) Hole - 34 0 lb
 - 1) Hole - 22 0 lb
 - 5) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 14244 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	419.22'							
Reducer								
Invert 1	409.6'	0°	30" RCP B WALL	37"	40"	Hole 40	0"	P1
Invert 2	410.86'	105°	24" RCP B WALL	30"	34"	Hole 34	15.62"	P1
Invert 3	410.1'	180°	24" RCP B WALL	30"	34"	Hole 34	6.5"	P1
Invert 4	410.1'	285°	15" RCP B WALL	19.5"	22"	Hole 22	7.25"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 1/28/2026 2:14:40 PM

SUBMITTAL
 APPROVED BY: