

**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



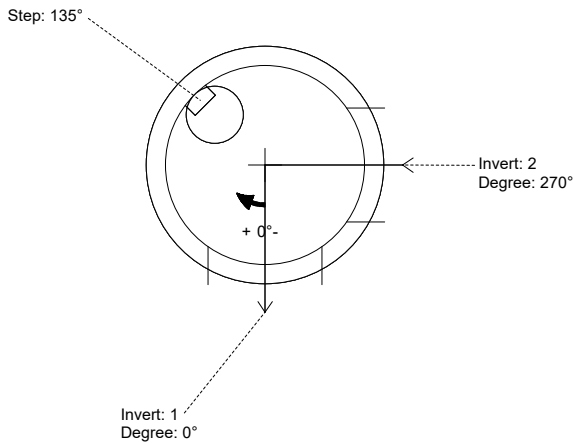
Structure ID: **ST102**  
 Spec: Storm Rim: 420.58' Sump: 4" Floor (Bot): 404.33'  
 Type: STM.MH Invert: 405.33' Floor (Top): 404.997' Overall Height: 16.25'  
 Size: 84" Rim to Invert: 15.25' Floor Height: 8" Slack: 0"

**Structure Notes:**

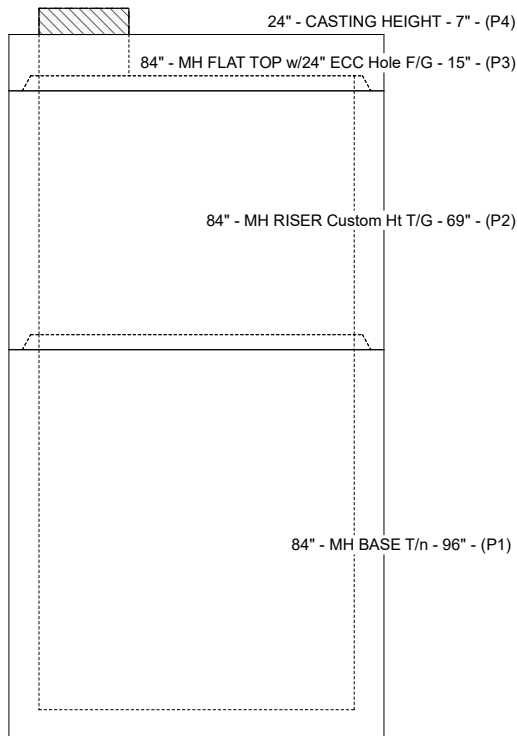
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
  - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
  - BASE & RISER: PER ASTM A615
- NO STORM INVERT
- STEPS AT 135 DEGREES
- JBS 1150 FRAME & COVER "STORM" SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

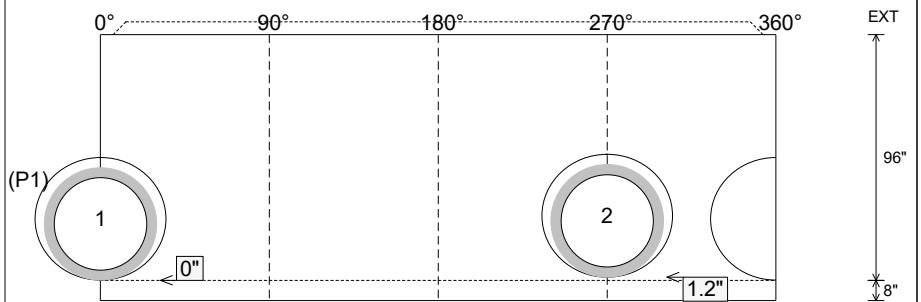
- P4) 24" - CASTING HEIGHT - 7" 0 lb
  - P3) 84" - MH FLAT TOP w/24" ECC Hole F/G - 15" 9316 lb
  - P2) 84" - MH RISER Custom Ht T/G - 69" 13388 lb
  - P1) 84" - MH BASE T/n - 96" 21338 lb
  - 1) CASTING - JBS 1150 F/C STORM 250 lb
  - 2) 84" - Conseal CS-102 1.00" 0 lb
  - 2) Hole - 48 0 lb
  - 8) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 44292 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	420.58'							
Reducer								
Invert 1	405.33'	0°	36" RCP B WALL	44"	48"	Hole 48	0"	P1
Invert 2	405.43'	270°	36" RCP B WALL	44"	48"	Hole 48	1.2"	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: