

**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: **ST103**

Spec: Storm  
 Type: STM.MH  
 Size: 84"

Rim: 419.9'  
 Invert: 406.73'  
 Rim to Invert: 13.17'

Sump: 4"  
 Floor (Top): 406.397'  
 Floor Height: 8"

Floor (Bot): 405.73'  
 Overall Height: 14.167'  
 Slack: 0.04"

**Structure Notes:**

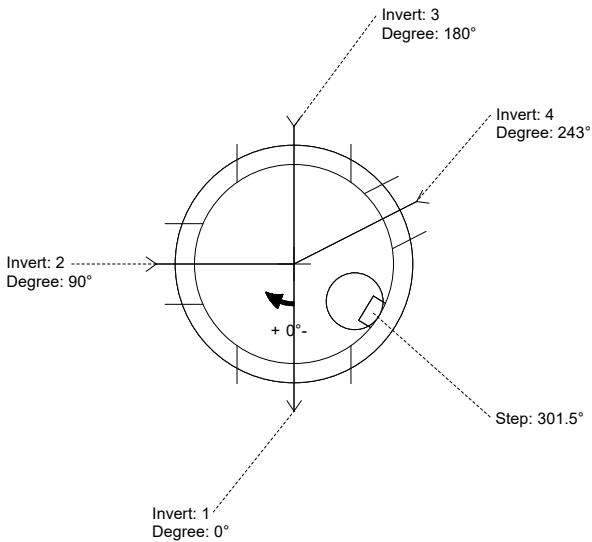
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
  - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
  - BASE & RISER: PER ASTM A615
- NO STORM INVERT
- STEPS AT 301.5 DEGREES
- JBS 1150 FRAME & COVER "STORM" SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

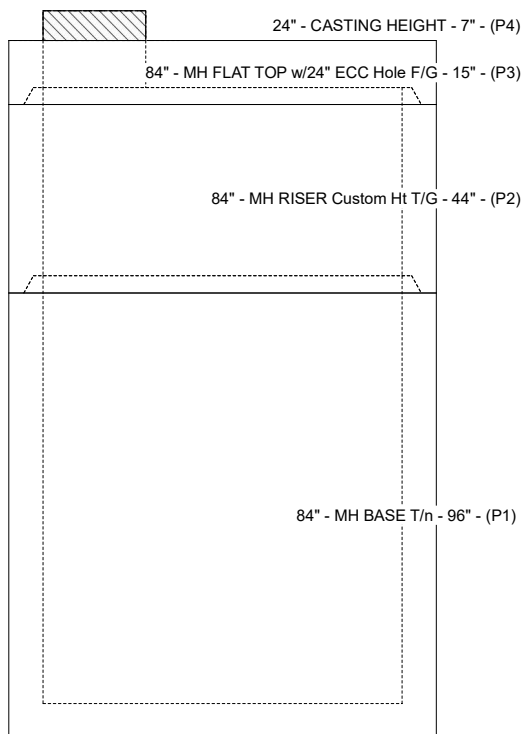
- P4) 24" - CASTING HEIGHT - 7"
- P3) 84" - MH FLAT TOP w/24" ECC Hole F/G - 15"
- P2) 84" - MH RISER Custom Ht T/G - 44"
- P1) 84" - MH BASE T/n - 96"
- 1) CASTING - JBS 1150 F/C STORM
- 2) 84" - Conseal CS-102 1.00"
- 2) Hole - 48
- 1) Hole - 34
- 1) Hole - 26
- 8) MH Step ML-10-TDS-NCR - 10"

0 lb  
 9316 lb  
 8537 lb  
 20352 lb  
 250 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb

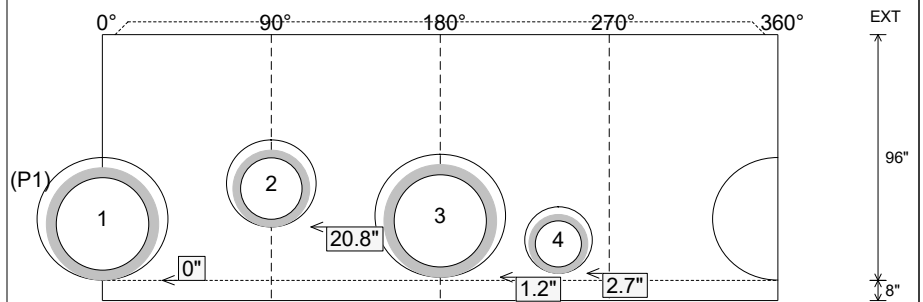
Structure Total: 38456 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	419.9'							
Reducer								
Invert 1	406.73'	0°	36" RCP B WALL	44"	48"	Hole 48	0"	P1
Invert 2	408.38'	90°	24" RCP B WALL	30"	34"	Hole 34	20.8"	P1
Invert 3	406.83'	180°	36" RCP B WALL	44"	48"	Hole 48	1.2"	P1
Invert 4	406.83'	243°	18" RCP B WALL	23"	26"	Hole 26	2.7"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 1/28/2026 2:14:38 PM

SUBMITTAL  
 APPROVED BY: