

**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: **ST105**

Spec: Storm  
Type: STM.MH  
Size: 72"

Rim: 419.39'  
Invert: 407.79'  
Rim to Invert: 11.6'

Sump: 4.5"  
Floor (Top): 407.415'  
Floor Height: 8"

Floor (Bot): 406.748'  
Overall Height: 12.583'  
Slack: 0.7"

**Structure Notes:**

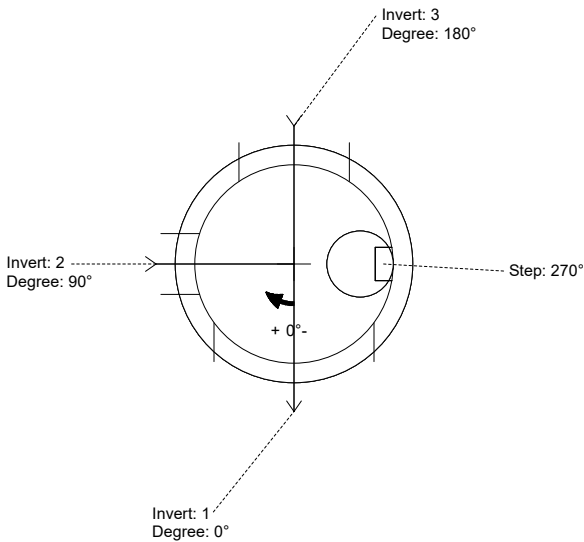
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
  - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - FLAT LID BOTTOM MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - BASE & RISER: PER ASTM A615
- NO STORM INVERT
- STEPS AT 270 DEGREES
- JBS 1150 FRAME & COVER "STORM"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

**STRUCTURE SUMMARY:**

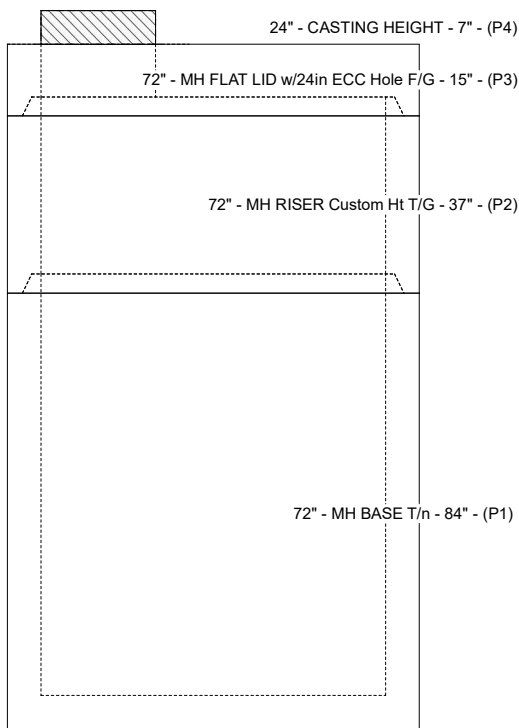
- P4) 24" - CASTING HEIGHT - 7"
- P3) 72" - MH FLAT LID w/24in ECC Hole F/G - 15"
- P2) 72" - MH RISER Custom Ht T/G - 37"
- P1) 72" - MH BASE T/n - 84"
- 1) CASTING - JBS 1150 F/C STORM
- 2) 72" - Conseal CS-102 1.00"
- 1) Hole - 58 x 42
- 1) Hole - 22
- 1) Hole - 40
- 7) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 5098 lb
- 5394 lb
- 13873 lb
- 250 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

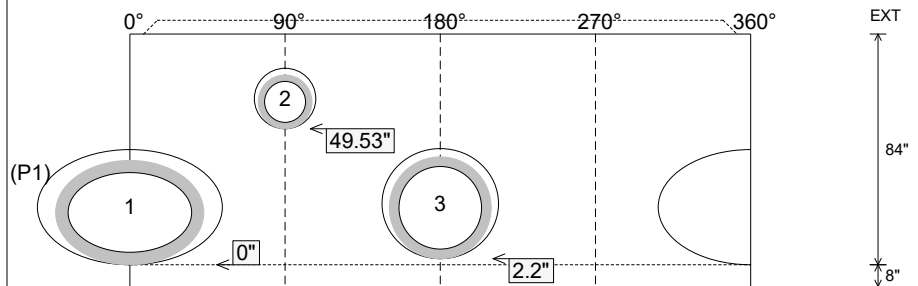
Structure Total: 24615 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	419.39'							
Reducer								
Invert 1	407.79'	0°	45" x 29" ELL RCP	54" x 38"	58" x 42"	Hole 58 x 42	0"	P1
Invert 2	411.73'	90°	15" RCP B WALL	19.5"	22"	Hole 22	49.53"	P1
Invert 3	407.89'	180°	30" RCP B WALL	37"	40"	Hole 40	2.2"	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: