

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

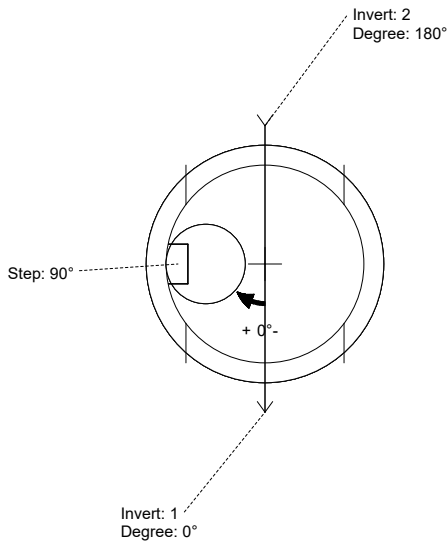


Structure ID: **ST101**
 Spec: Storm Rim: 419.26' Sump: 4" Floor (Bot): 403.91'
 Type: STM.MH Invert: 404.91' Floor (Top): 404.577' Overall Height: 15.333'
 Size: 60" Rim to Invert: 14.35' Floor Height: 8" Slack: 0.2"

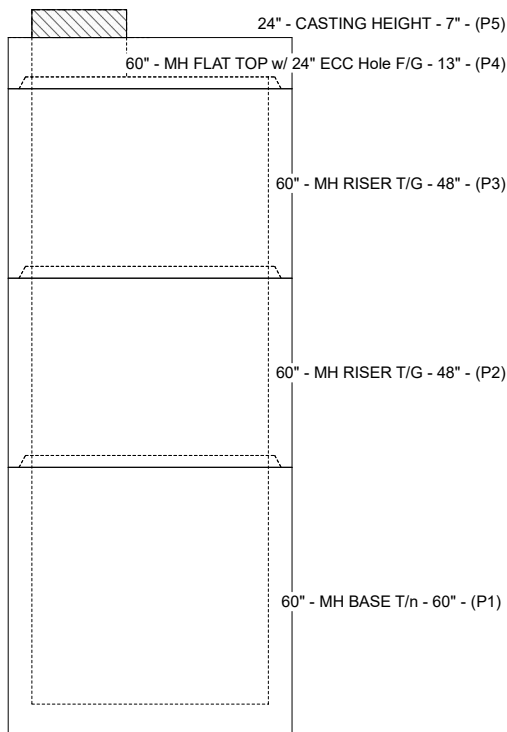
- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
 - CONCRETE: 4,000 PSI AT 28 DAYS
 - REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE & RISERS: PER ASTM A615
 - NO STORM INVERT
 - STEPS AT 90 DEGREES
 - JBS 1150 FRAME & COVER "STORM" SUPPLIED BY ICAST

STRUCTURE SUMMARY:

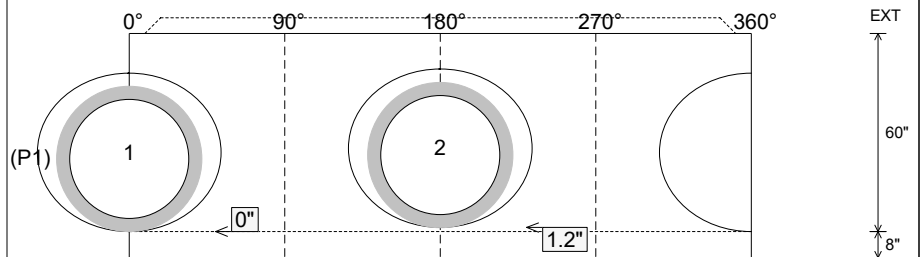
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|-------------------------------------------------|-----------------|
| P5) 24" - CASTING HEIGHT - 7" | 0 lb |
| P4) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13" | 2869 lb |
| P3) 60" - MH RISER T/G - 48" | 5011 lb |
| P2) 60" - MH RISER T/G - 48" | 5011 lb |
| P1) 60" - MH BASE T/n - 60" | 6943 lb |
| 1) CASTING - JBS 1150 F/C STORM | 250 lb |
| 3) 60" - Conseal CS-102 1.00" | 0 lb |
| 2) Hole - 48 | 0 lb |
| 13) MH Step ML-10-TDS-NCR - 10" | 0 lb |
| Structure Total: | 20084 lb |



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	419.26'							
Reducer								
Invert 1	404.91'	0°	36" RCP B WALL	44"	48"	Hole 48	0"	P1
Invert 2	405.01'	180°	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: