

Job Name: 25-1922 - Reynold's Farm
Job Location: Goodlettsville, TN 37072
Contractor: Josh King Excavation

PC: J. Jarvis
 TECH: K. Cardwell
 Plant: Beaver Dam, KY



Structure ID: **B12**
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 529.11'
 Invert: 523.35'
 Rim to Invert: 5.76'

Sump: 2.25"
 Floor (Top): 523.163'
 Floor Height: 6"

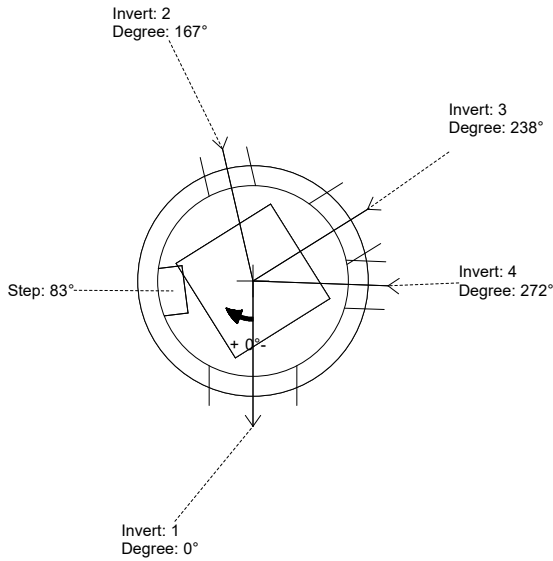
Floor (Bot): 522.663'
 Overall Height: 6.375'
 Slack: 0.87"

Structure Notes:

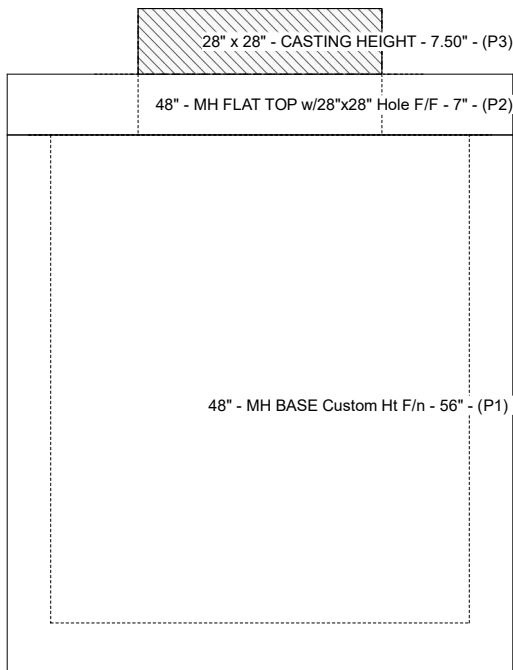
- PER ASTM C-478 SPECS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
- STEPS AT 83 DEGREES
- JBS 3300 FRAME, GRATE, & CURB HOOD SUPPLIED BY ICAST

STRUCTURE SUMMARY:

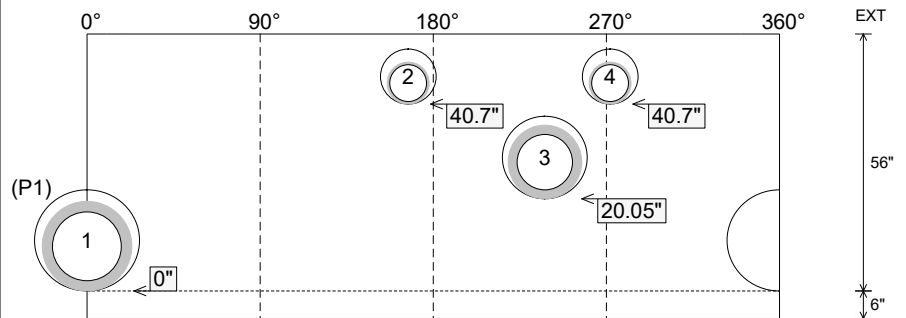
- P3) 28" x 28" - CASTING HEIGHT - 7.50" 0 lb
 - P2) 48" - MH FLAT TOP w/28"x28" Hole F/F - 7" 1091 lb
 - P1) 48" - MH BASE Custom Ht F/n - 56" 4873 lb
 - 1) CASTING - JBS 3300 SET (F/G/H) 500 lb
 - 1) 48" - Conseal CS-102 1.00" 0 lb
 - 1) 28" x 28" - Conseal CS-102 1.00" 0 lb
 - 1) Hole - 22 0 lb
 - 2) Hole - 12 0 lb
 - 1) Hole - 18 0 lb
 - 4) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: **6464 lb**



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	529.11'							
Reducer								
Invert 1	523.35'	0°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 2	526.6'	167°	8" HDPE	9.1"	12"	Hole 12	40.7"	P1
Invert 3	525'	238°	12" RCP B WALL	16"	18"	Hole 18	20.05"	P1
Invert 4	526.6'	272°	8" HDPE	9.1"	12"	Hole 12	40.7"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 1/8/2026 7:55:08 AM

SUBMITTAL
 APPROVED BY: