

Job Name: 25-2898 - Hunter's Ridge Ph.1
Job Location: Owensboro, KY
Contractor: Ernie Davis & Sons Mechanical, Inc.

PC: A. Chambers
TECH: Jared - A
Plant: 100



Structure ID: **AA-6 - AE-1**

Spec: Storm
Type: STM.MH
Size: 48"

Rim: 455.47'
Invert: 447.29'
Rim to Invert: 8.18'

Sump: 2.5"
Floor (Top): 447.082'
Floor Height: 6"

Floor (Bot): 446.582'
Overall Height: 8.833'
Slack: 0.66"

Structure Notes:

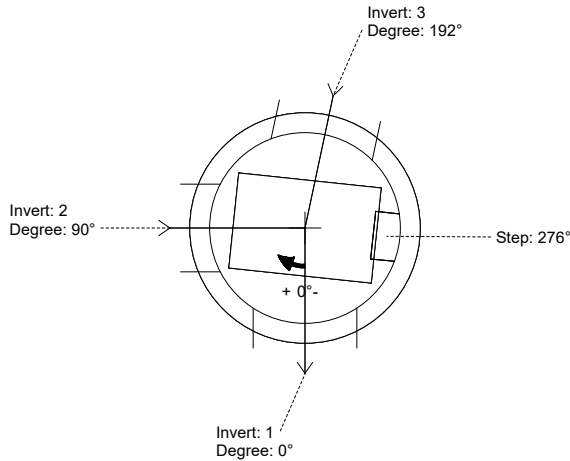
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE & RISER: PER ASTM A615
4. NO STORM INVERT
5. STEPS AT 276 DEGREES
6. HOE-525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

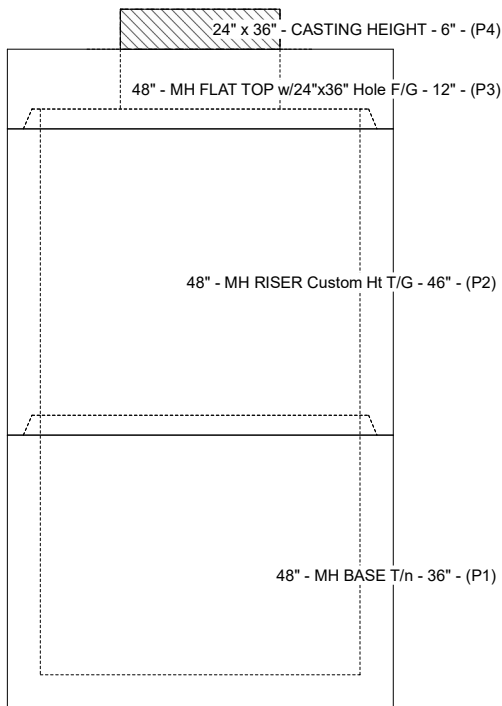
- P4) 24" x 36" - CASTING HEIGHT - 6"
P3) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12"
P2) 48" - MH RISER Custom Ht T/G - 46"
P1) 48" - MH BASE T/n - 36"
2) 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 26
1) Hole - 22
7) MH Step ML-10-TDS-NCR - 10"

0 lb
1300 lb
3049 lb
3379 lb
0 lb
0 lb
0 lb
0 lb
0 lb

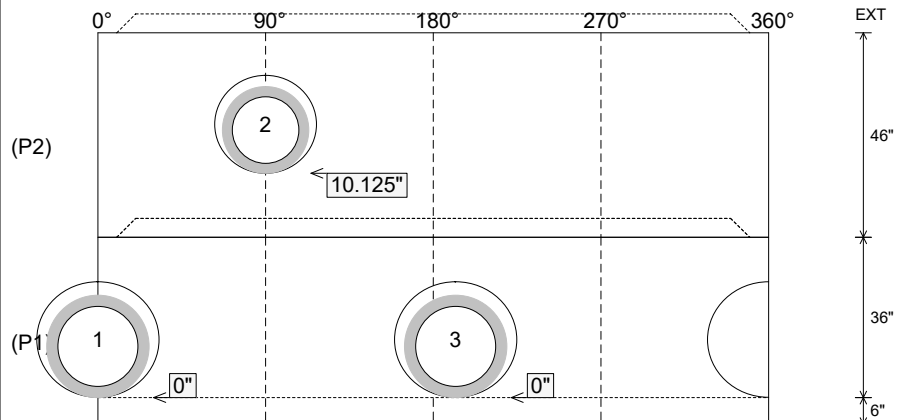
Structure Total: 7728 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	455.47'							
Reducer								
Invert 1	447.29'	0°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	451.47'	90°	15" RCP B WALL	19.5"	22"	Hole 22	10.125"	P2
Invert 3	447.29'	192°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
5/29/2026 5:58:33 AM

SUBMITTAL
APPROVED BY: