

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: **BA-2 - BB-1**

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

Rim: 428.19'
Invert: 419.45'
Rim to Invert: 8.74'

Sump: 3"
Floor (Top): 419.2'
Floor Height: 6"

Floor (Bot): 418.7'
Overall Height: 9.417'
Slack: 0.88"

Structures Notes:

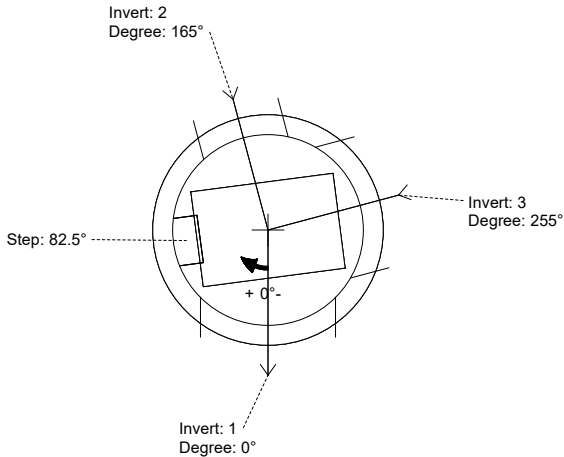
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE & RISER: PER ASTM A615
4. NO STORM INVERT
5. STEPS AT 82.5 DEGREES
6. HOE-525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

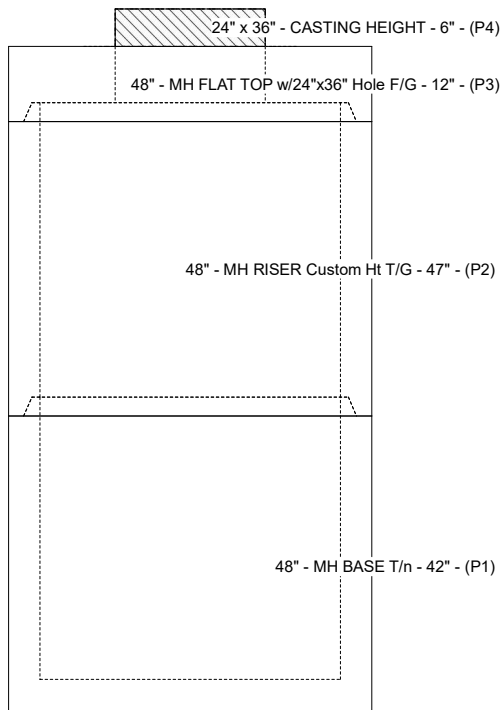
- P4) 24" x 36" - CASTING HEIGHT - 6"
P3) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12"
P2) 48" - MH RISER Custom Ht T/G - 47"
P1) 48" - MH BASE T/n - 42"
2) 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 34
1) Hole - 22
7) MH Step ML-10-TDS-NCR - 10"

0 lb
1300 lb
3119 lb
3434 lb
0 lb
0 lb
0 lb
0 lb
0 lb

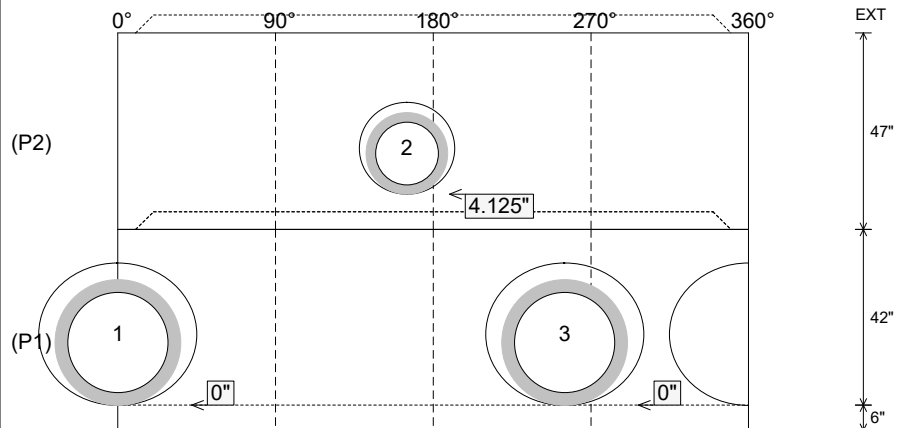
Structure Total: 7853 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	428.19'							
Reducer								
Invert 1	419.45'	0°	24" RCP B WALL	30"	34"	Hole 34	0"	P1
Invert 2	423.59'	165°	15" RCP B WALL	19.5"	22"	Hole 22	4.125"	P2
Invert 3	419.45'	255°	24" RCP B WALL	30"	34"	Hole 34	0"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
5/29/2026 5:58:34 AM

SUBMITTAL
APPROVED BY: