

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-5 - AC-1 - AD-1**

Spec: Storm

Type: STM.MH

Size: 48"

Rim: 442.42'

Invert: 435.5'

Rim to Invert: 6.92'

Sump: 3"

Floor (Top): 435.25'

Floor Height: 6"

Floor (Bot): 434.75'

Overall Height: 7.667'

Slack: 0.04"

Structures Notes:

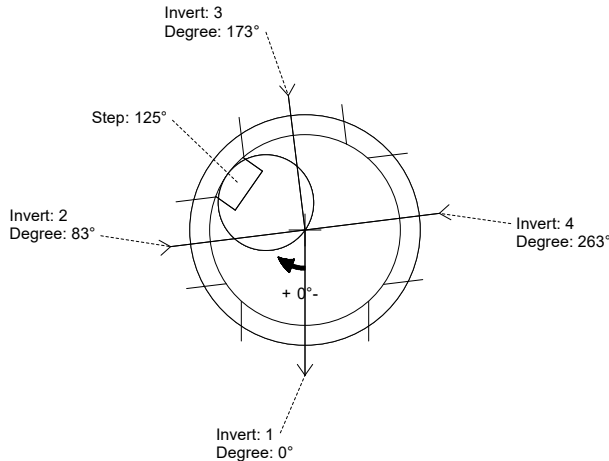
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
4. NO STORM INVERT
5. STEPS AT 125 DEGREES
6. HOE MC-315 FRAME & COVER "STORM" SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

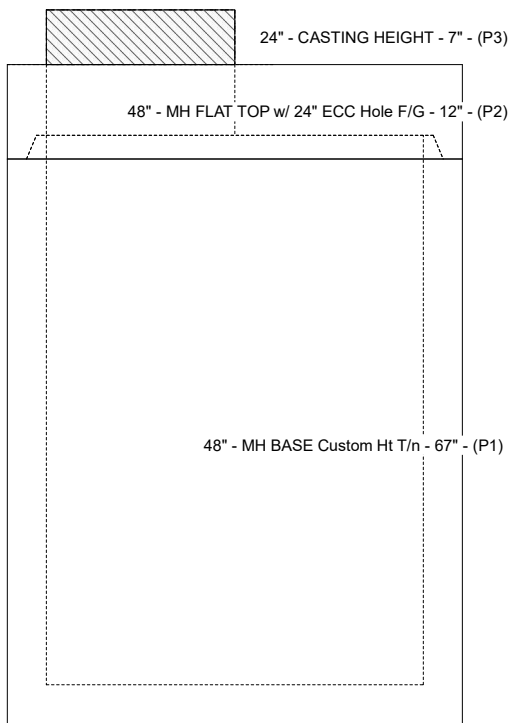
- P3) 24" - CASTING HEIGHT - 7"
P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
P1) 48" - MH BASE Custom Ht T/n - 67"
1) 48" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 32
1) Hole - 22
1) Hole - 26
5) MH Step ML-10-TDS-NCR - 10"

0 lb
1561 lb
4886 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb

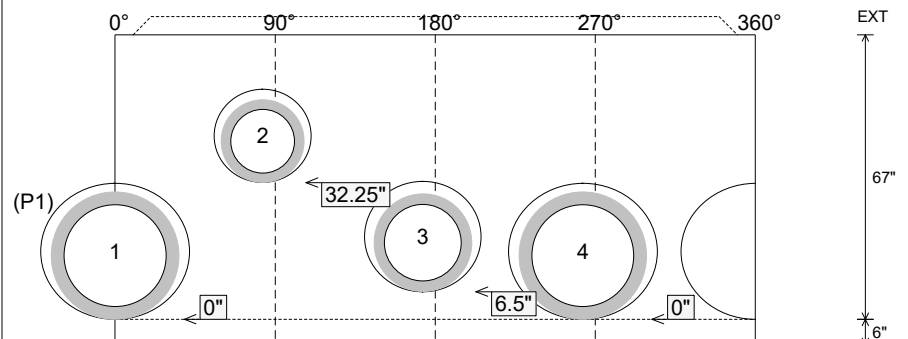
Structure Total: 6447 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	442.42'							
Reducer								
Invert 1	435.5'	0°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	438.12'	83°	15" RCP B WALL	19.5"	22"	Hole 22	32.25"	P1
Invert 3	436'	173°	18" RCP B WALL	23"	26"	Hole 26	6.5"	P1
Invert 4	435.5'	263°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
5/29/2026 5:58:32 AM

SUBMITTAL
APPROVED BY: