

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-4 - AF-1**

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

Rim: 435.1'
Invert: 430.7'
Rim to Invert: 4.4'

Sump: 3"
Floor (Top): 430.45'
Floor Height: 6"

Floor (Bot): 429.95'
Overall Height: 5.083'
Slack: 0.8"

Structures Notes:

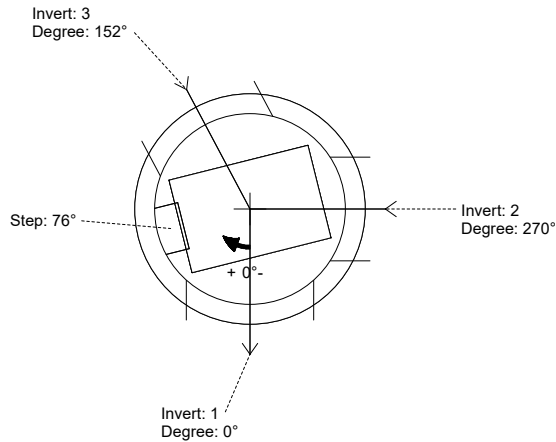
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
4. NO STORM INVERT
5. STEPS AT 76 DEGREES
6. HOE-525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

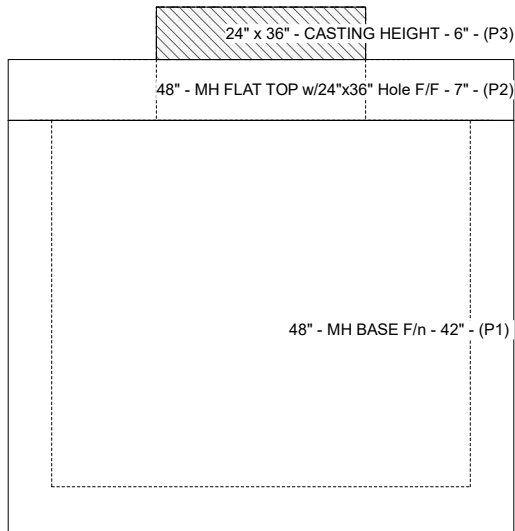
- P3) 24" x 36" - CASTING HEIGHT - 6"
P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"
P1) 48" - MH BASE F/n - 42"
1) 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 32
1) Hole - 26
3) MH Step ML-10-TDS-NCR - 10"

0 lb
1044 lb
3304 lb
0 lb
0 lb
0 lb
0 lb
0 lb

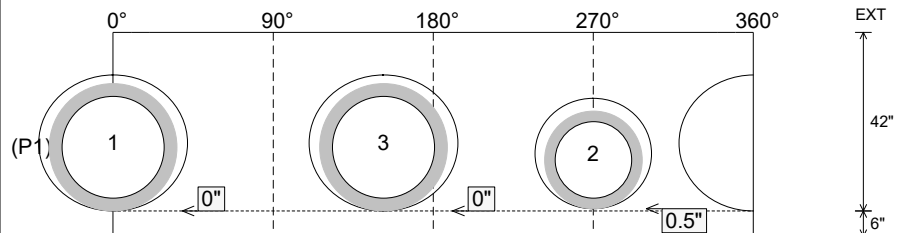
Structure Total: 4349 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	435.1'							
Reducer								
Invert 1	430.7'	0°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	430.7'	270°	18" RCP B WALL	23"	26"	Hole 26	0.5"	P1
Invert 3	430.7'	152°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
5/29/2026 5:58:31 AM

SUBMITTAL
APPROVED BY: