

Job Name: 25-4583 - Housing Authority
Job Location: Morgantown, KY 42261
Contractor: Dirt Movers

PC: Trevor Lewis
 TECH: J. Horsley - A
 Plant: 100



Structure ID: **1C (4)**

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

Rim: 501.28'
 Invert: 490'
 Rim to Invert: 11.28'

Sump: 0.5"
 Floor (Top): 489.958'
 Floor Height: 6"

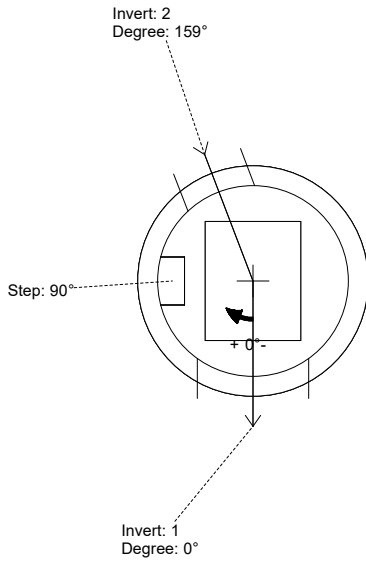
Floor (Bot): 489.458'
 Overall Height: 11.792'
 Slack: 0.36"

Structure Notes:

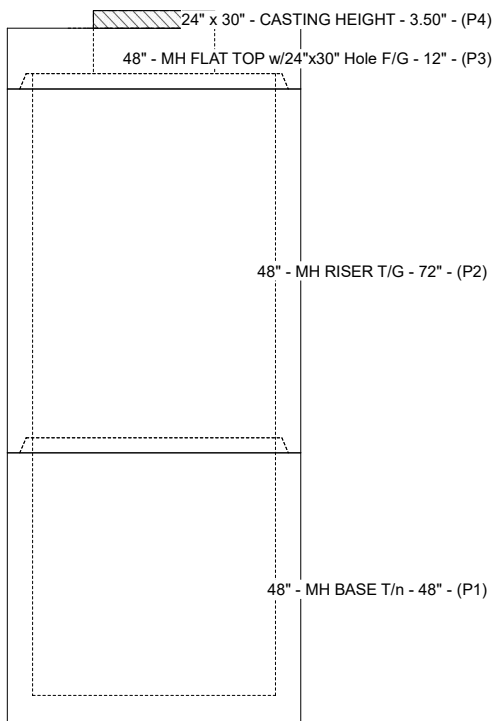
- PLAN LABEL: D.I. #1.C
 1. HOE 275-A FRAME & GRATE PROVIDED BY ICAST
 2. PER ASTM C-478 SPECIFICATIONS
 3. CONCRETE: 4,000 PSI AT 28 DAYS
 4. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE & RISER: PER ASTM A615
 5. STEPS AT 90 DEGREES

STRUCTURE SUMMARY:

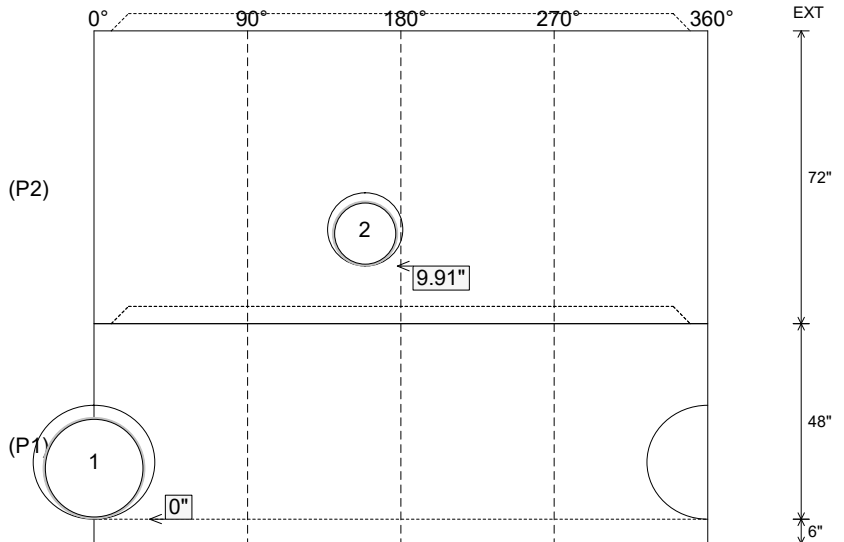
P4) 24" x 30" - CASTING HEIGHT - 3.50"	0 lb
P3) 48" - MH FLAT TOP w/24"x30" Hole F/G - 12"	1935 lb
P2) 48" - MH RISER T/G - 72"	4921 lb
P1) 48" - MH BASE T/n - 48"	4411 lb
1) CASTING - HOE 275-A F/G	345 lb
2) 48" - Conseal CS-102 1.00"	0 lb
1) 24" x 30" - Conseal CS-102 1.00"	0 lb
1) Hole - 28	0 lb
1) Hole - 18	0 lb
10) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	11612 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	501.28'							
Reducer								
Invert 1	490'	0°	24" CMP	25"	28"	Hole 28	0"	P1
Invert 2	495.18'	159°	15" CMP	16"	18"	Hole 18	9.91"	P2
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 12/30/2025 9:52:55 AM

SUBMITTAL
 APPROVED BY: