

Job Name: 25-2649 - The Laurel Assisted Living Facility
Job Location: Bowling Green, KY
Contractor: Infinity Pipeline, Inc.

PC: E. Bradley
 TECH: K. Cardwell
 Plant: Beaver Dam, KY



Structure ID: **LS-5**
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 550.98'
 Invert: 543.87'
 Rim to Invert: 7.11'

Sump: 1.9"
 Floor (Top): 543.712'
 Floor Height: 6"

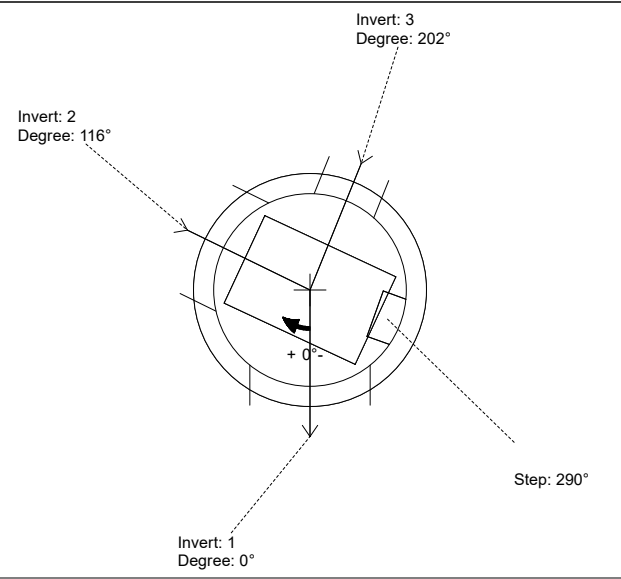
Floor (Bot): 543.212'
 Overall Height: 7.583'
 Slack: 2.22"

Structure Notes:

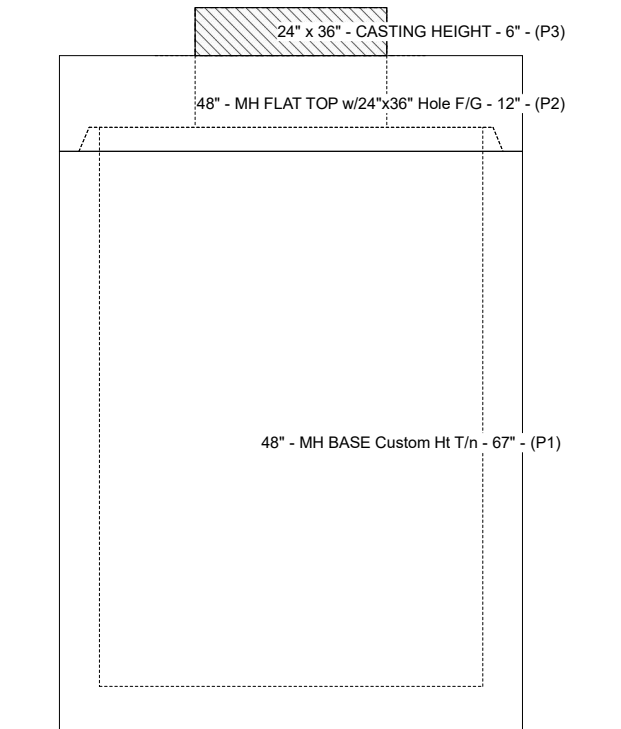
- PER ASTM C-478 SPECS
- CONCRETE: 4,500 PSI AT 28 DAYS
- REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
- STEPS AT 290 DEGREES
- HOE 470 FRAME, L-VANE GRATE, & CURB HOOD SUPPLIED BY ICAST

STRUCTURE SUMMARY:

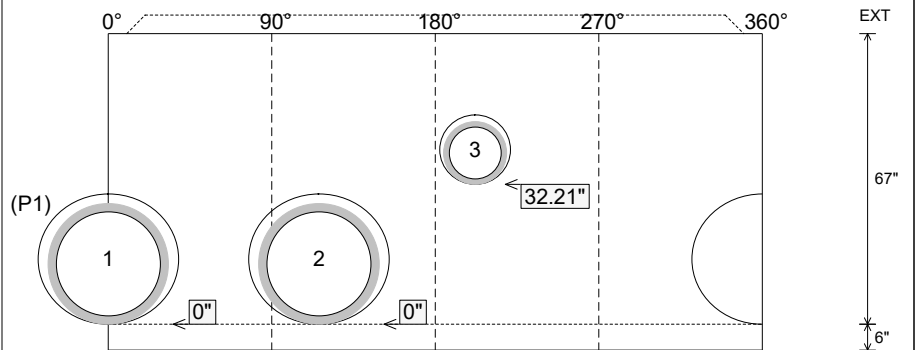
- P3) 24" x 36" - CASTING HEIGHT - 6" 0 lb
 - P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" 1300 lb
 - P1) 48" - MH BASE Custom Ht T/n - 67" 5293 lb
 - 1) CASTING - HOE 470 SET LV (F/G/H) 394 lb
 - 1) 48" - Conseal CS-102 1.00" 0 lb
 - 1) 24" x 36" - Conseal CS-102 1.00" 0 lb
 - 2) Hole - 30 0 lb
 - 1) Hole - 16 0 lb
 - 5) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 6987 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	550.98'							
Reducer								
Invert 1	543.87'	0°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 2	543.87'	116°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 3	546.5'	202°	12" HDPE	14.5"	16"	Hole 16	32.21"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/24/2025 6:36:02 AM

SUBMITTAL
 APPROVED BY: