

**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-4**  
 Spec: Storm  
 Type: STM.MH  
 Size: 48"

Rim: 551.05'  
 Invert: 543.7'  
 Rim to Invert: 7.35'

Sump: 1.9"  
 Floor (Top): 543.542'  
 Floor Height: 6"

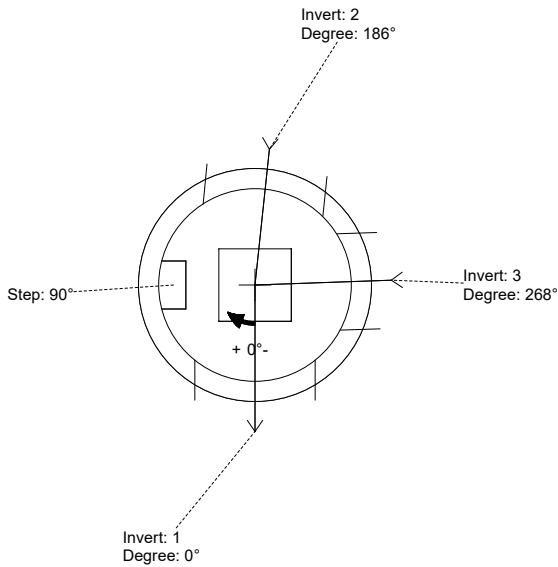
Floor (Bot): 543.042'  
 Overall Height: 7.833'  
 Slack: 2.1"

**Structure Notes:**

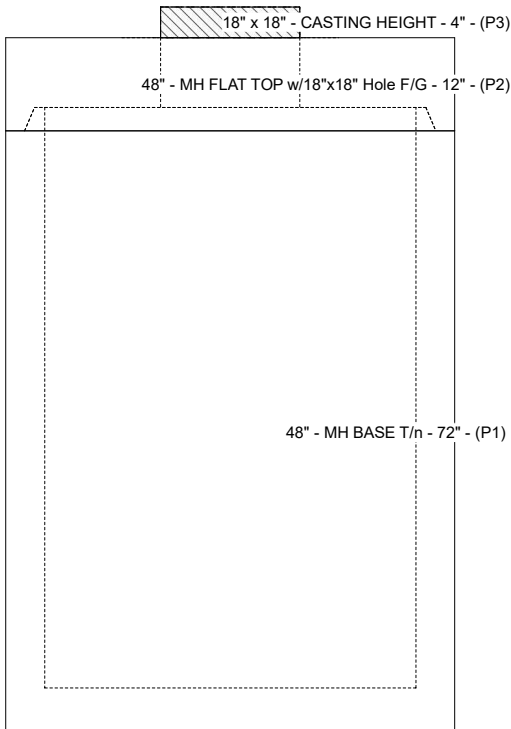
- PER ASTM C-478 SPECS
- CONCRETE: 4,500 PSI AT 28 DAYS
- REINFORCEMENT:  
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)  
 - BASE: PER ASTM A615
- STEPS AT 90 DEGREES
- HOE 165-A FRAME & GRATE SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

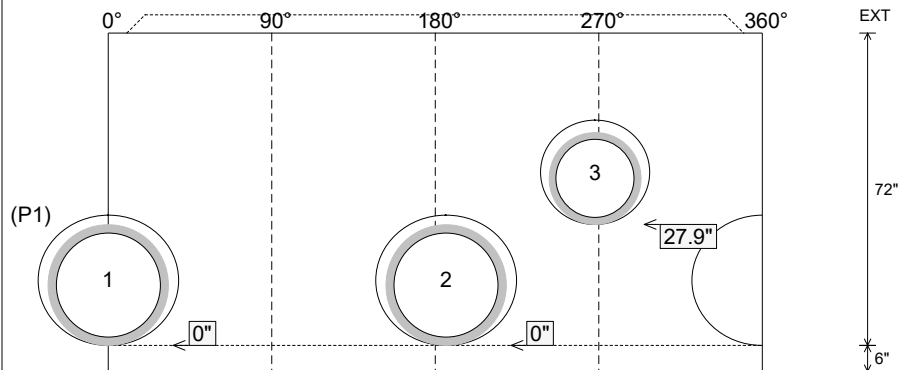
- P3) 18" x 18" - CASTING HEIGHT - 4"  
 P2) 48" - MH FLAT TOP w/18"x18" Hole F/G - 12"  
 P1) 48" - MH BASE T/n - 72"  
 1) CASTING - HOE 165A F/G  
 1) 48" - Conseal CS-102 1.00"  
 1) 18" x 18" - Conseal CS-102 1.00"  
 2) Hole - 30  
 1) Hole - 24  
 6) MH Step ML-10-TDS-NCR - 10"
- 0 lb  
 2334 lb  
 5531 lb  
 138 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 8003 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	551.05'							
Reducer								
Invert 1	543.7'	0°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 2	543.7'	186°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 3	546'	268°	18" HDPE	21.2"	24"	Hole 24	27.9"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 10/24/2025 6:36:01 AM

SUBMITTAL  
 APPROVED BY: