

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-15**

Spec: Storm
 Type: STM.MH (Recessed pipe)
 Size: 48"

Rim: 551.85'
 Invert: 546.61'
 Rim to Invert: 5.24'

Sump: 0"
 Floor (Top): 546.61'
 Floor Height: 6"

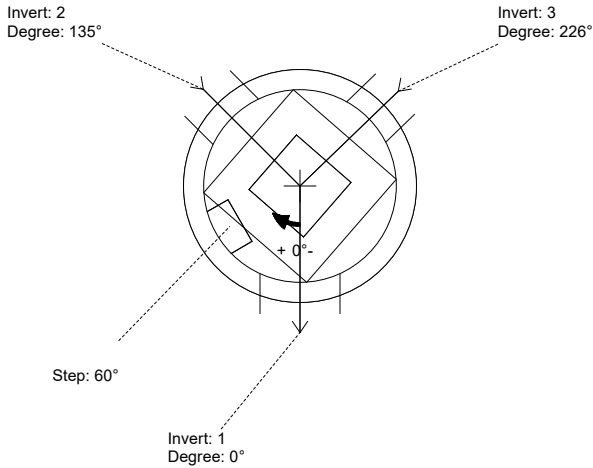
Floor (Bot): 546.11'
 Overall Height: 5.583'
 Slack: 1.88"

Structure Notes:

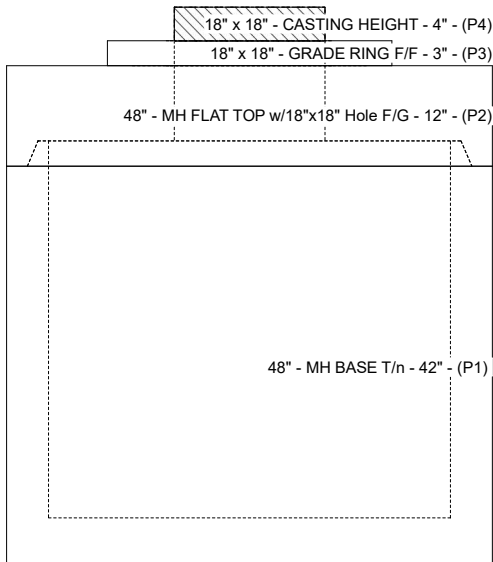
- PER ASTM C-478 SPECS
- CONCRETE: 4,500 PSI AT 28 DAYS
- REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
- STEPS AT 60 DEGREES
- HOE 165-A FRAME & GRATE SUPPLIED BY ICAST

STRUCTURE SUMMARY:

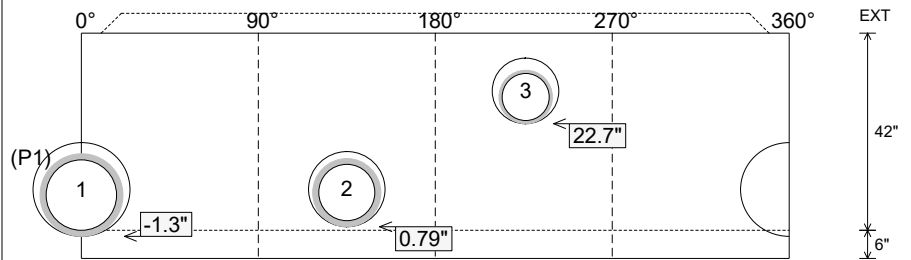
P4) 18" x 18" - CASTING HEIGHT - 4"	0 lb
P3) 18" x 18" - GRADE RING F/F - 3"	209 lb
P2) 48" - MH FLAT TOP w/18"x18" Hole F/G - 12"	2334 lb
P1) 48" - MH BASE T/n - 42"	3978 lb
1) CASTING - HOE 165A F/G	138 lb
1) 48" - Conseal CS-102 1.00"	0 lb
2) 18" x 18" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
1) Hole - 16	0 lb
1) Hole - 14	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6660 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	551.85'							
Reducer								
Invert 1	546.61'	0°	15" HDPE	17.6"	20"	Hole 20	-1.3"	P1
Invert 2	546.78'	135°	12" HDPE	14.5"	16"	Hole 16	0.79"	P1
Invert 3	548.56'	226°	10" HDPE	11.4"	14"	Hole 14	22.7"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/24/2025 6:36:05 AM

SUBMITTAL
 APPROVED BY: