

Job Name: 25-3419 - MSU Learning Commons
Job Location: Murray, KY
Contractor: Sykes Family Farms, LLC.

PC: E. Bradley
 TECH: J. Horsley - F
 Plant: 100

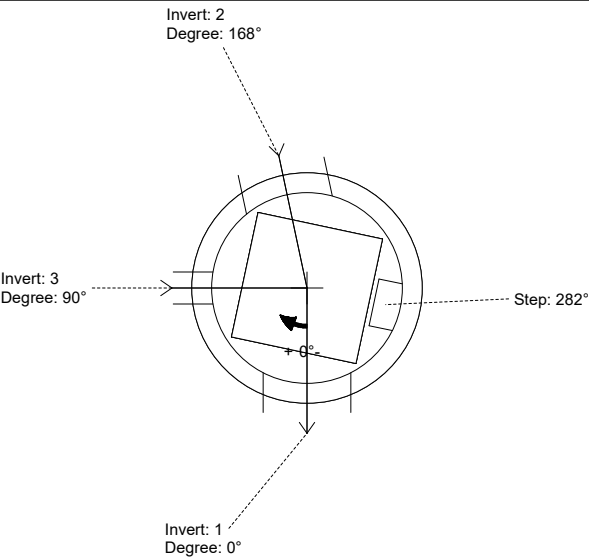


Structure ID: INL 15
 Spec: Storm Rim: 539.5'
 Type: STM.MH Invert: 532.8'
 Size: 48" Sump: 2.25"
 Rim to Invert: 6.7' Floor (Top): 532.613'
 Floor Height: 6" Floor (Bot): 532.113'
 Overall Height: 7.333'
 Slack: 0.65"

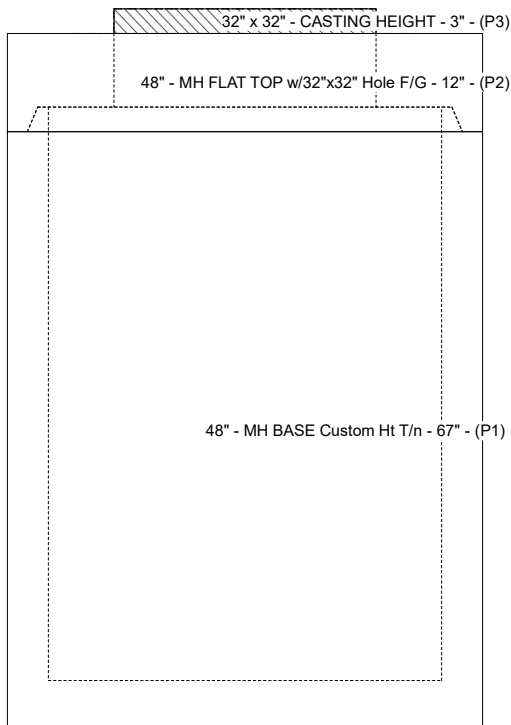
- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
 - CONCRETE: 4,000 PSI AT 28 DAYS
 - REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
 - NO STORM INVERT
 - STEPS AT 282 DEGREES
 - HOE 595 FRAME & GRATES SUPPLIED BY ICAST

STRUCTURE SUMMARY:

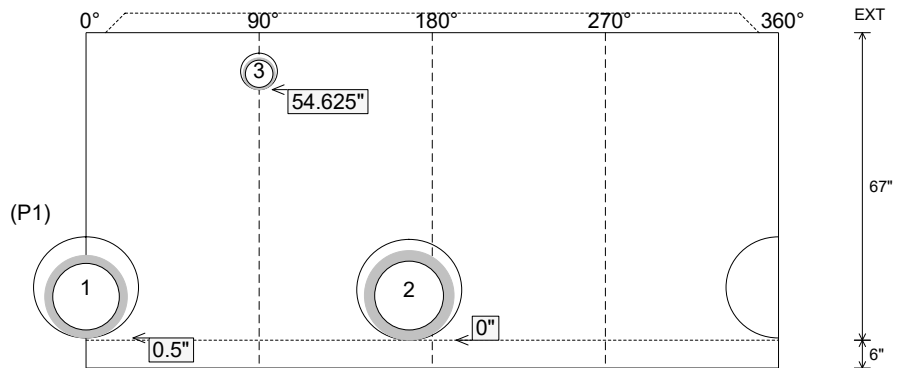
P3) 32" x 32" - CASTING HEIGHT - 3"	0 lb
P2) 48" - MH FLAT TOP w/32"x32" Hole F/G - 12"	1629 lb
P1) 48" - MH BASE Custom Ht T/n - 67"	5660 lb
1) CASTING - HOE 595 F/G	376 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) 32" x 32" - Conseal CS-102 1.00"	0 lb
2) Hole - 22	0 lb
1) Hole - 8	0 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7666 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	539.5'							
Reducer								
Invert 1	532.8'	0°	18" HDPE DR11	18"	22"	Hole 22	0.5"	P1
Invert 2	532.8'	168°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 3	537.2'	90°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	54.625"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 2/24/2026 8:13:06 AM

SUBMITTAL
 APPROVED BY: