

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 8
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 24" x 24"

Rim: 540.2'
 Invert: 536.5'
 Rim to Invert: 3.7'

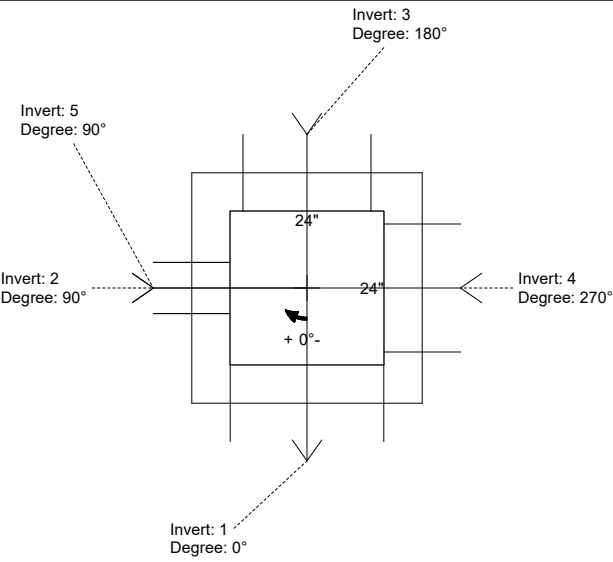
Sump: 1.625"
 Floor (Top): 536.365"
 Floor Height: 6"

Floor (Bot): 535.865'
 Overall Height: 4.333'
 Slack: 0.025"

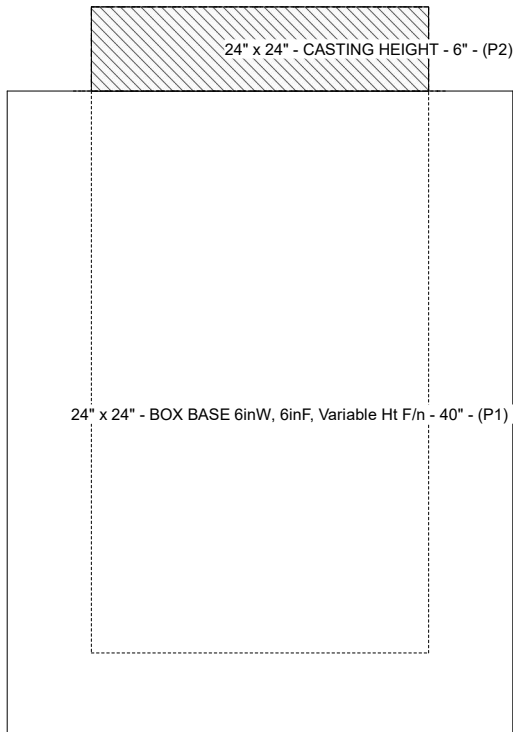
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 342-B FRAME & GRATE SUPPLIED BY ICAST

STRUCTURE SUMMARY:

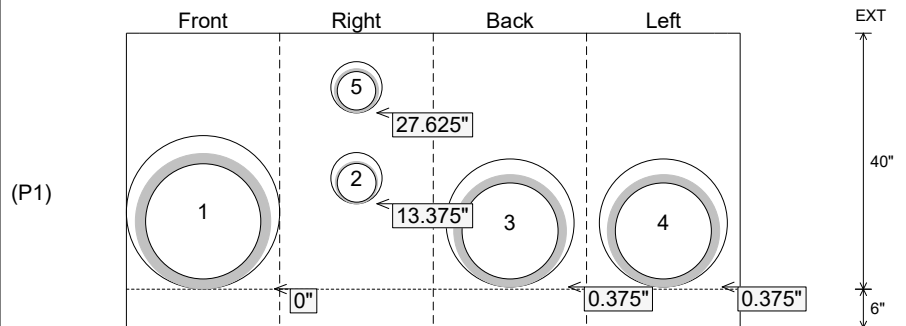
P2) 24" x 24" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 40"	2531 lb
1) CASTING - HOE 342 F/G	250 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 24	0 lb
2) Hole - 8	0 lb
2) Hole - 20	0 lb
Structure Total:	2781 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	540.2'							
Reducer								
Invert 1	536.5'	0°	18" HDPE	21.2"	24"	Hole 24	0"	P1
Invert 2	537.5'	90°	6" PVC SCH40	6.625"	8"	Hole 8	13.375"	P1
Invert 3	536.5'	180°	15" HDPE	17.6"	20"	Hole 20	0.375"	P1
Invert 4	536.5'	270°	15" HDPE	17.6"	20"	Hole 20	0.375"	P1
Invert 5	538.7'	90°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	27.625"	P1
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 2/24/2026 8:12:58 AM

SUBMITTAL
 APPROVED BY: