

**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 5**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 24" x 24"

Rim: 539'  
 Invert: 536.4'  
 Rim to Invert: 2.6'

Sump: 1.25"  
 Floor (Top): 536.296'  
 Floor Height: 6"

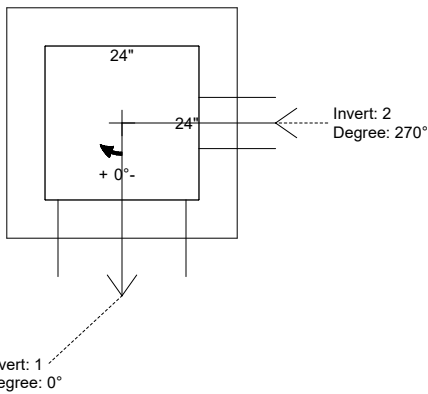
Floor (Bot): 535.796'  
 Overall Height: 3.167'  
 Slack: 0.45"

**Structure Notes:**

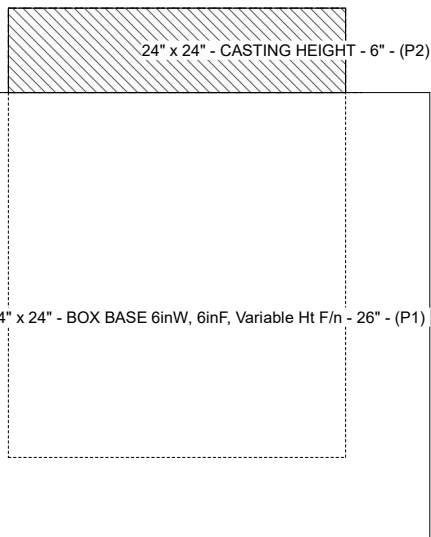
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO STORM INVERT
5. NO STEPS
6. HOE 342-B FRAME & GRATE SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

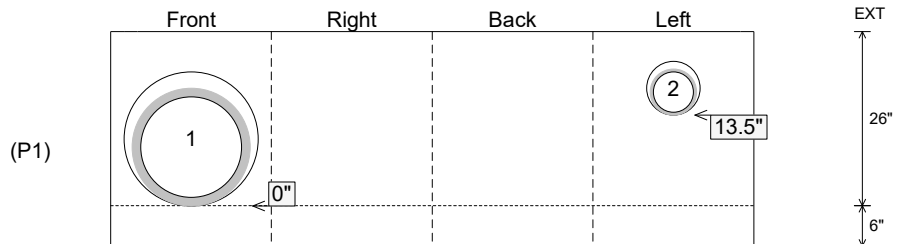
P2) 24" x 24" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 26"	2040 lb
1) CASTING - HOE 342 F/G	250 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
1) Hole - 8	0 lb
<b>Structure Total:</b>	<b>2290 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	539'							
Reducer								
Invert 1	536.4'	0°	15" HDPE	17.6"	20"	Hole 20	0"	P1
Invert 2	537.46'	270°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	13.5"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 2/24/2026 8:12:54 AM

SUBMITTAL  
 APPROVED BY: