

**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 10**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 24" x 24"

Rim: 540.1'  
 Invert: 537.1'  
 Rim to Invert: 3'

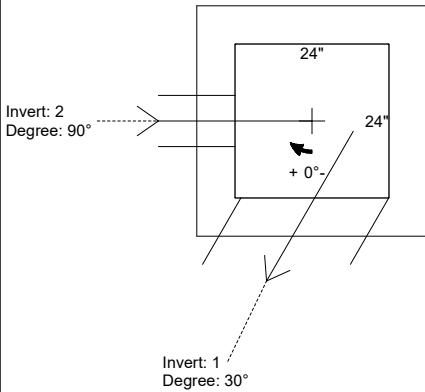
Sump: 1.25"  
 Floor (Top): 536.996'  
 Floor Height: 6"

Floor (Bot): 536.496'  
 Overall Height: 3.583'  
 Slack: 0.25"

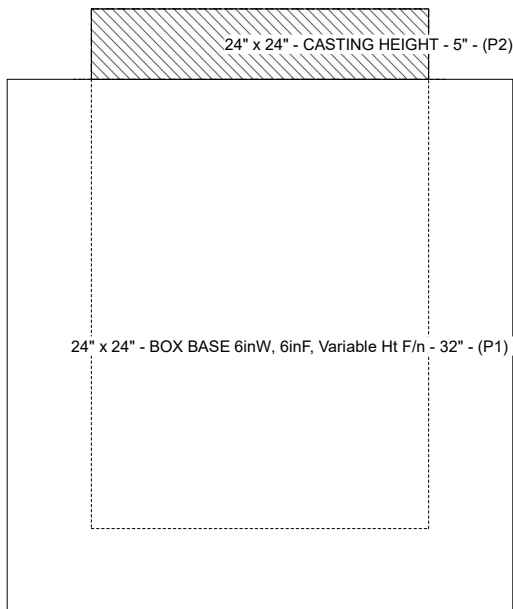
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
  2. CONCRETE: 4,000 PSI AT 28 DAYS
  3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
  4. NO STORM INVERT
  5. NO STEPS
  6. HOE KY-465 FRAME, GRATE, & CURB HOOD SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

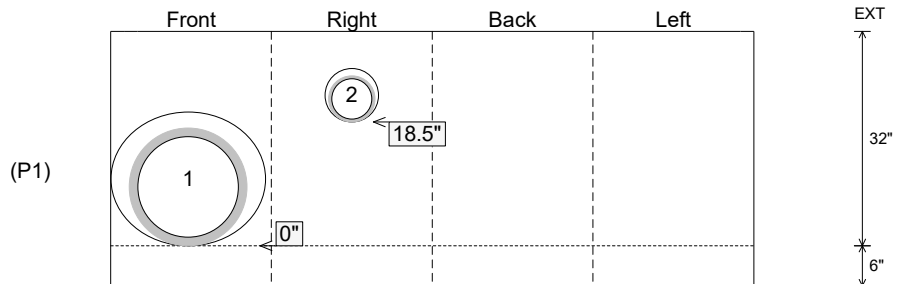
P2) 24" x 24" - CASTING HEIGHT - 5"	0 lb
P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 32"	2378 lb
1) CASTING - HOE KY-465 SET (CBI TY F)	465 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
1) Hole - 8	0 lb
<b>Structure Total:</b>	<b>2843 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	540.1'							
Reducer								
Invert 1	537.1'	30°	15" HDPE	17.6"	20"	Hole 20	0"	P1
Invert 2	538.57'	90°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	18.5"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 2/24/2026 8:13:00 AM

SUBMITTAL  
 APPROVED BY: