

**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 6  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 36" x 36"

Rim: 540.2'  
 Invert: 536'  
 Rim to Invert: 4.2'

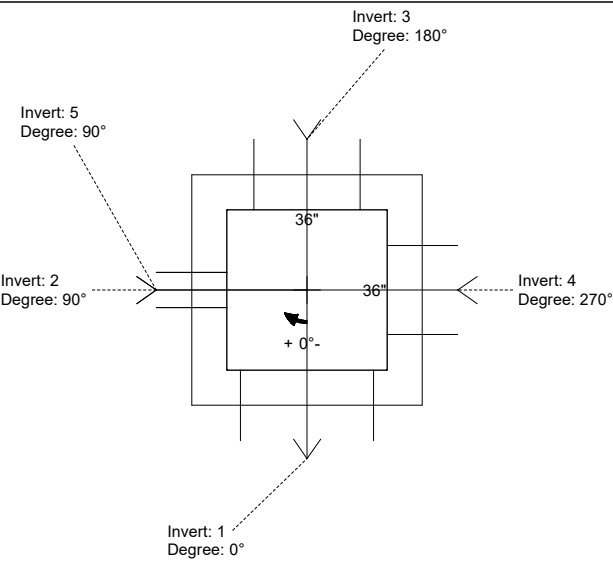
Sump: 1.875"  
 Floor (Top): 535.844"  
 Floor Height: 8"

Floor (Bot): 535.177"  
 Overall Height: 5'  
 Slack: 0.275"

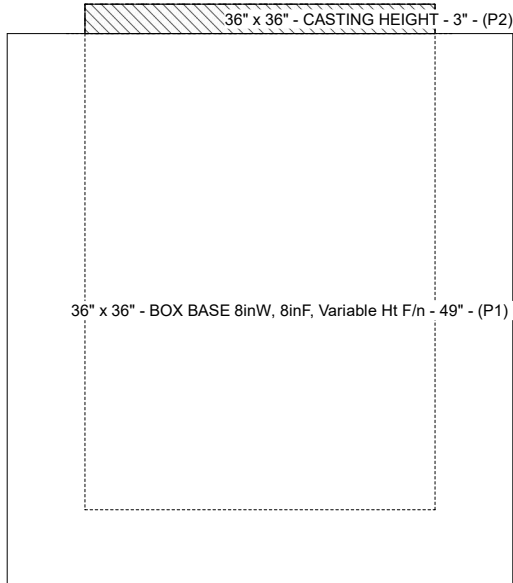
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
  2. CONCRETE: 4,000 PSI AT 28 DAYS
  3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
  4. NO STORM INVERT
  5. NO STEPS
  6. HOE 595 FRAME & GRATES SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

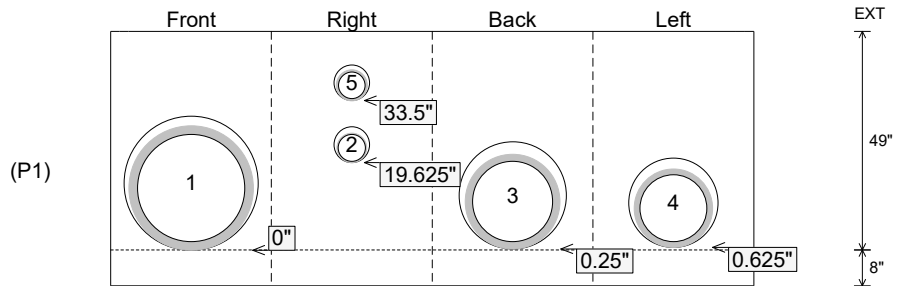
P2) 36" x 36" - CASTING HEIGHT - 3"	0 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 49"	6548 lb
1) CASTING - HOE 595 F/G	376 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 30	0 lb
2) Hole - 8	0 lb
1) Hole - 24	0 lb
1) Hole - 20	0 lb
<b>Structure Total:</b>	<b>6924 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	540.2'							
Reducer								
Invert 1	536'	0°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 2	537.5'	90°	6" PVC SCH40	6.625"	8"	Hole 8	19.625"	P1
Invert 3	536'	180°	18" HDPE	21.2"	24"	Hole 24	0.25"	P1
Invert 4	536'	270°	15" HDPE	17.6"	20"	Hole 20	0.625"	P1
Invert 5	538.67'	90°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	33.5"	P1
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 2/24/2026 8:12:55 AM

SUBMITTAL  
 APPROVED BY: