

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

Plant: 100

2/24/2026 8:27:12 AM

Tech: J. Horsley - F

PC: E. Bradley



Structure ID: INL 8

P1 BX24240606VF

BOX BASE 6inW, 6inF, Variable Ht F/n

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

0 lb
 2531 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 2781 lb

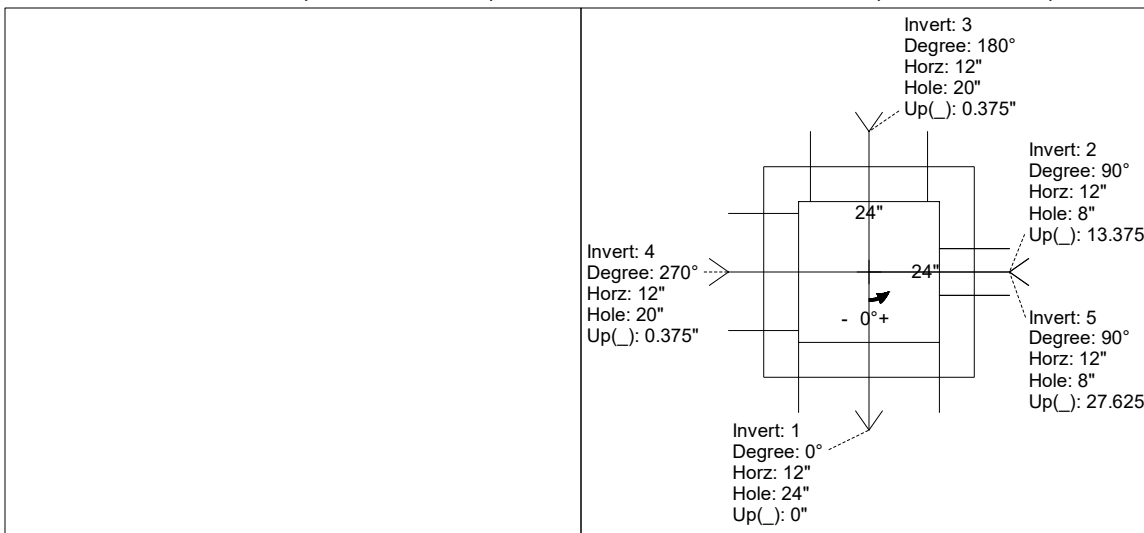
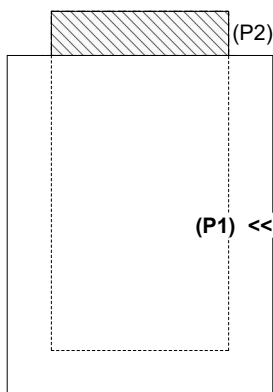
- Structure Notes:
 1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 342-B FRAME & GRATE SUPPLIED BY ICAST

Rim: 540.2' Rim to Invert: 3.7' Slack: 0.025" Sump: 1.625" Step Position:

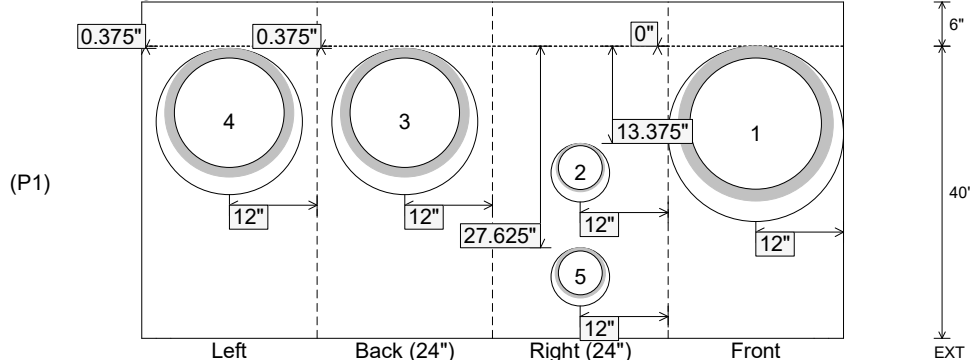
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (")	Offset
Invert 1	536.5'	0°	18"	18" HDPE	21.2"	Hole 24	24"	24"	0"	0"
Invert 2	537.5'	90°	18"	6" PVC SCH40	6.625"	Hole 8	8"	8"	13.375"	0"
Invert 3	536.5'	180°	18"	15" HDPE	17.6"	Hole 20	20"	20"	0.375"	0"
Invert 4	536.5'	270°	18"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

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 40"
 Height (Ext): 46"

Weight (Net): 2531 lb
 Volume (Net): 0.65cu.yd