

Job Name: 25-2612 - Concord Elementary School Addition	Plant: Beaver Dam	Tech: J. Horsley	
Job Location: Paducah	1/26/2026 2:29:05 PM	PC: E. Bradley	
Contractor: Ainsworth Land Development, LLC			

**Structure ID: ST-17**

**P1 BX2424-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht F/n**

- P2) 24" x 24" - CASTING HEIGHT - 6"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 19"
- 1) CASTING - HOE 342 F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 16
- 1) Hole - 10
- 1) Hole - 8

0 lb  
 2485 lb  
 250 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
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 Structure Total: 2735 lb

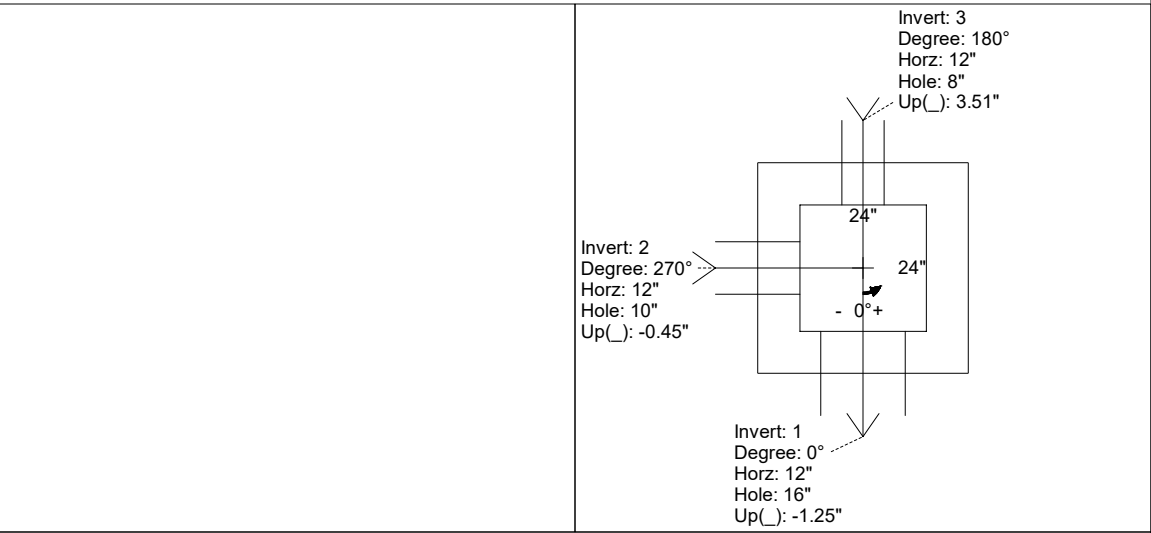
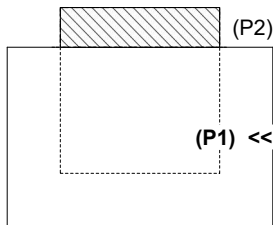
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
  2. CONCRETE: 4,000 PSI AT 28 DAYS
  3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
  4. NO STORM INVERT
  5. NO STEPS
  6. HOE 342 FRAME & GRATE SUPPLIED BY ICAST

Rim: 399.75'    Rim to Invert: 2.08'    Slack: -0.04"    Sump: 0"    Step Position:

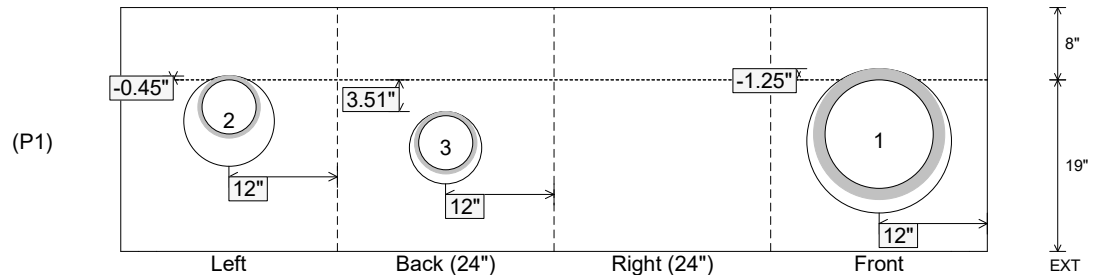
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	397.67'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2	397.67'	270°	20"	6" HDPE	6.9"	Hole 10	10"	10"	-0.45"	0"
Invert 3	398'	180°	20"	6" HDPE (perf pipe)	6.9"	Hole 8	8"	8"	3.51"	0"
Invert 4										
Invert 5										
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: 8" Floor Height: 8"	Height (Int): 19" Height (Ext): 27"	Weight (Net): 2485 lb Volume (Net): 0.64cu.yd
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