

Job Name: 25-2612 - Concord Elementary School Addition
 Job Location: Paducah
 Contractor: Ainsworth Land Development, LLC

Plant: Beaver Dam

Tech: J. Horsley

1/26/2026 2:29:04 PM

PC: E. Bradley



Structure ID: ST-15

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 - 20"
- 1) CASTING - HOE 342 F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 2) Hole - 16
- 1) Hole - 10
- 1) Hole - 8

0 lb
 2436 lb
 250 lb
 0 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 2686 lb

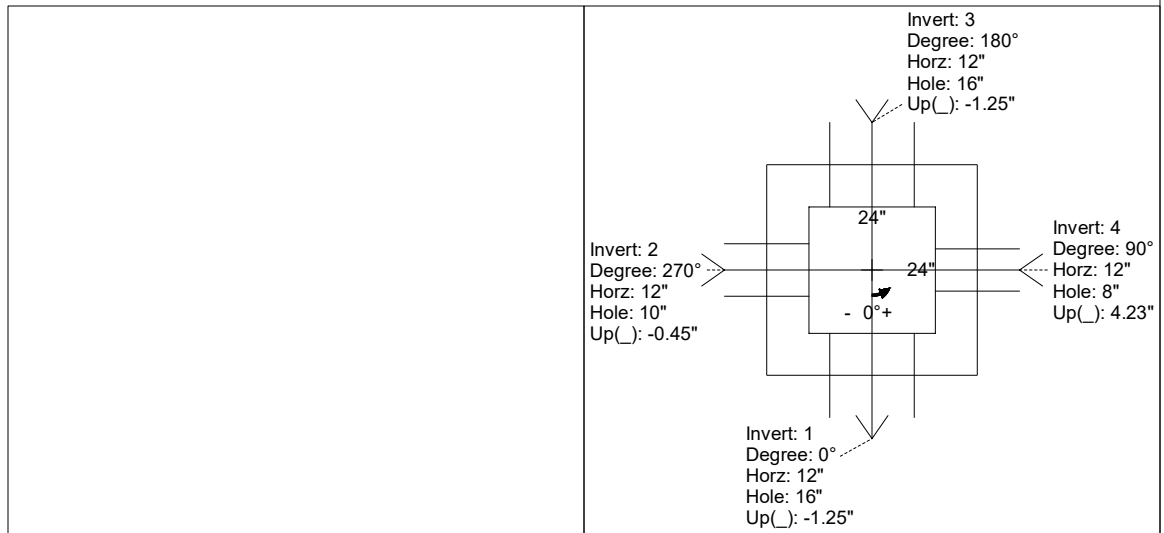
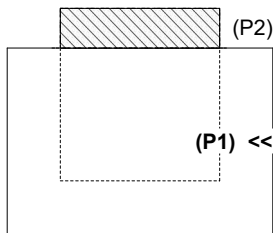
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 342 FRAME & GRATE SUPPLIED BY ICAST

Rim: 399.4' Rim to Invert: 2.19' Slack: 0.28" Sump: 0" Step Position:

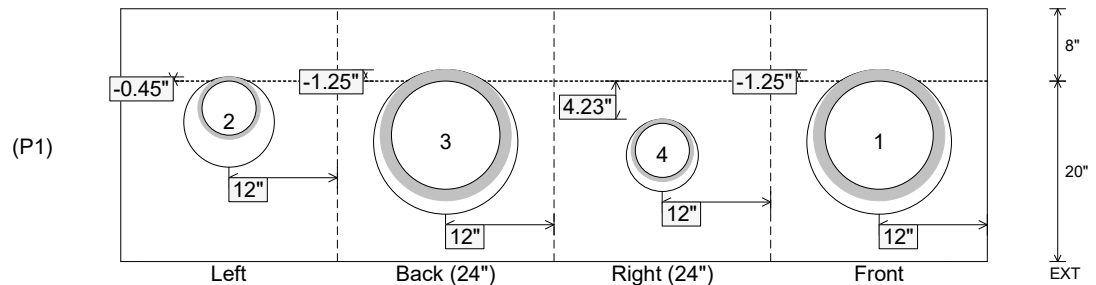
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	397.21'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2	397.21'	270°	20"	6" HDPE	6.9"	Hole 10	10"	10"	-0.45"	0"
Invert 3	397.21'	180°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 4	397.6'	90°	20"	6" HDPE (perf pipe)	6.9"	Hole 8	8"	8"	4.23"	0"
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): 20"
 Height (Ext): 28"

Weight (Net): 2436 lb
 Volume (Net): 0.62cu.yd