

Job Name: 25-3600 Signet FCU
 Job Location: Paducah, KY
 Contractor: Ainsworth Land Development, LLC

Plant: Beaver Dam
 5/8/2026 8:06:24 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: OC1

P1 BX24240606VF

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

- P2) 24" x 24" - CASTING HEIGHT - 0"
- P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 39"
- 1) CASTING - TRASHRACKS LSQ-24 Sq. Top Mount Trash Rack
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 26
- 1) Hole - 10
- 2) Weir n/n - 18"x6"

0 lb
 2660 lb
 108 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 2768 lb

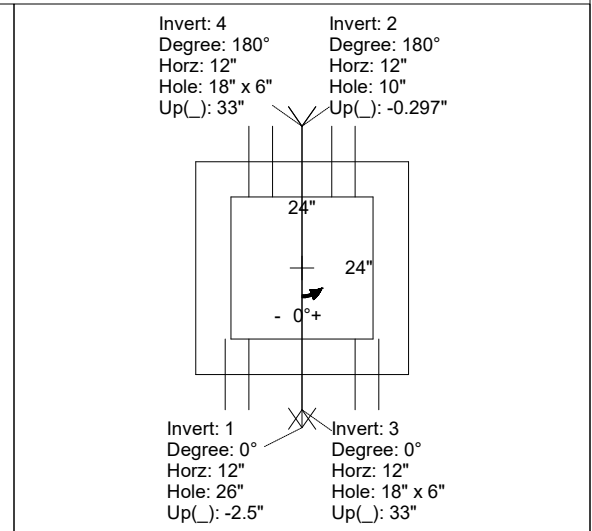
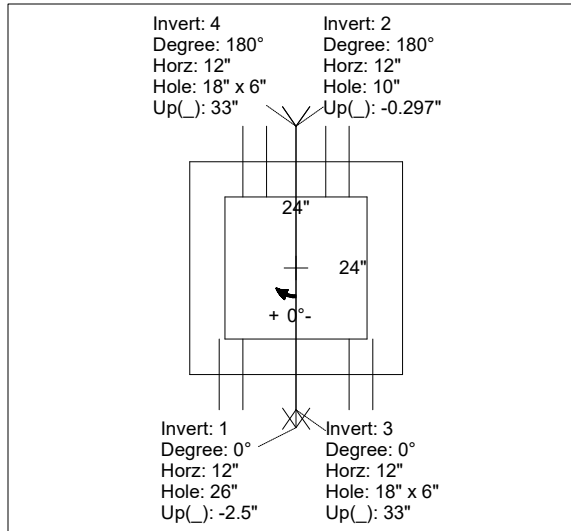
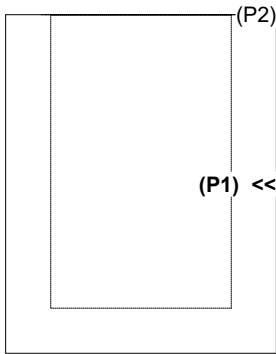
- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 335.6' Rim to Invert: 3.25' Slack: 0" Sump: 0" Step Position:

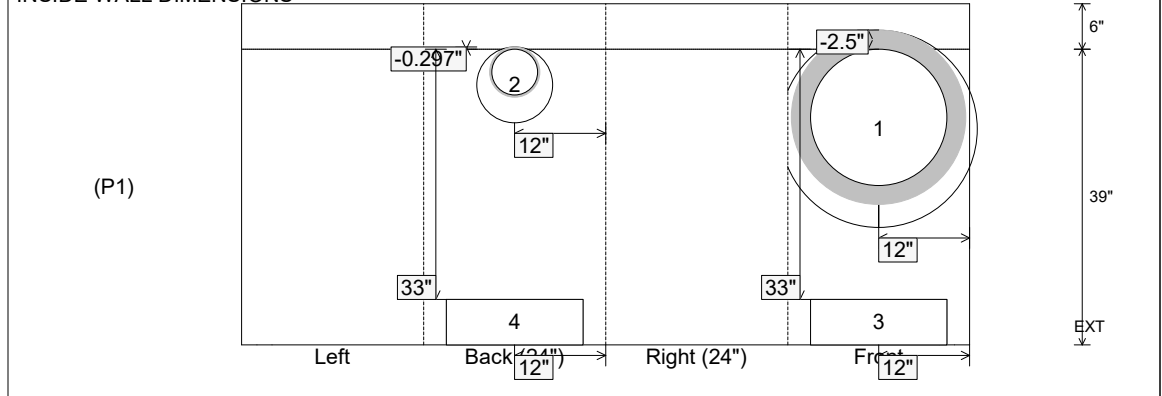
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	332.35'	0°	18"	18" RCP B WALL	23"	Hole 26	26"	25"	-2.5"	0"
Invert 2	332.35'	180°	18"	6" PVC SCH40	6.625"	Hole 10	10"	10"	-0.297"	0"
Invert 3	335.1'	0°	18"	18" x 6" Weir	18" x 6"	Weir 18"x6"	18" x 6"	18"	33"	0"
Invert 4	335.1'	180°	18"	18" x 6" Weir	18" x 6"	Weir 18"x6"	18" x 6"	18"	33"	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: 6"
 Floor Height: 6"

Height (Int): 39"
 Height (Ext): 45"

Weight (Net): 2660 lb
 Volume (Net): 0.68cu.yd