

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

Plant: Beaver Dam
 5/8/2026 8:06:19 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DB2

P1 BX2424-08BAVF

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

P2) 24" x 24" - CB FLAT TOP 8"W (HOE KY-215 F&G) F/F - 8"
 P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 28"

- 1) This Structure Includes a Cast-in Item
- 1) CASTING - HOE KY-215 F/BEEHIVE (DBI 15)
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 20
- 1) Hole - 16

770 lb
 3120 lb
 0 lb
 317 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 4208 lb

Structure Notes:

1. KYTC DBI TYPE 15 / ASTM C913 SPECIFICATIONS
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. DBI-15 F/G CAST INTO TOP SLAB (HOE KY-215 F/G BEEHIVE).

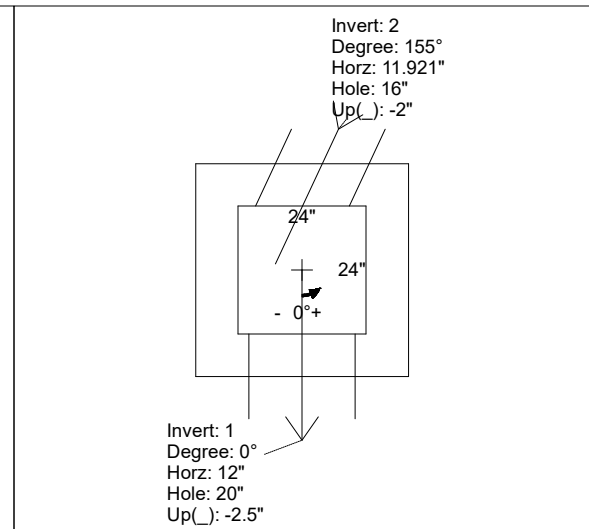
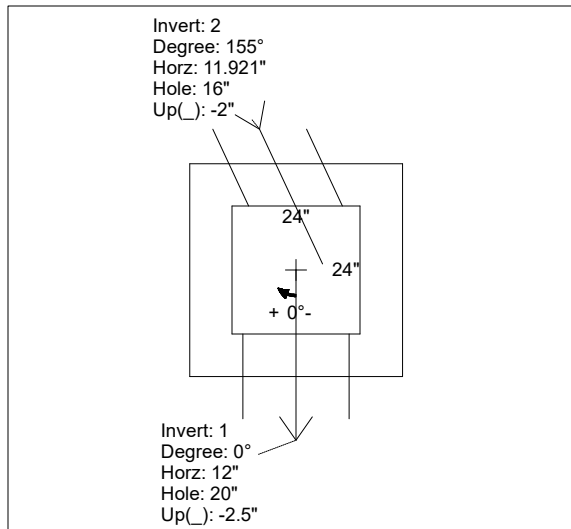
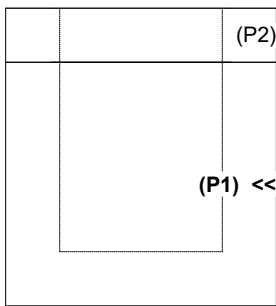
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 337.8' Rim to Invert: 3' Slack: 0" Sump: 0" Step Position:

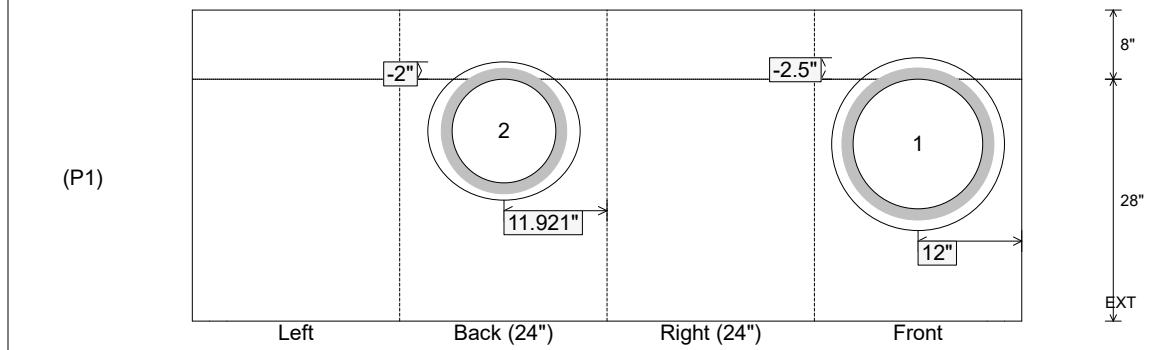
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	334.8'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	334.8'	155°	16.191"	12" HDPE	14.5"	Hole 16	16"	17.654"	-2"	5"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
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): 28"
 Height (Ext): 36"

Weight (Net): 3120 lb
 Volume (Net): 0.8cu.yd