

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

Plant: Beaver Dam
 5/8/2026 8:06:20 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DB3

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 - 31"
 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"
 2) Hole - 20"

770 lb
 3316 lb
 0 lb
 317 lb
 0 lb
 0 lb

 Structure Total: 4403 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).

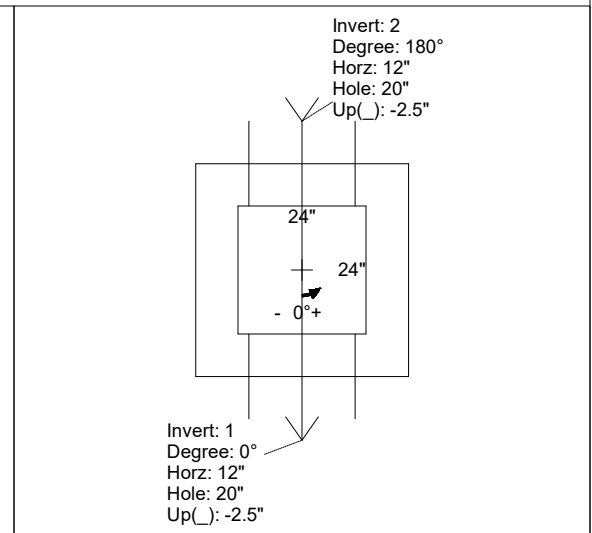
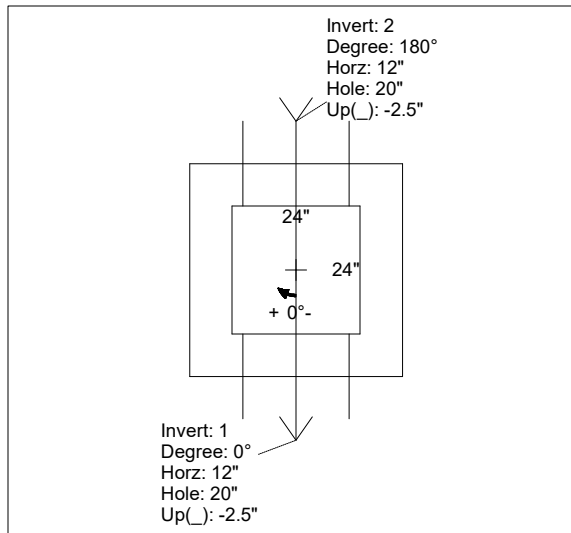
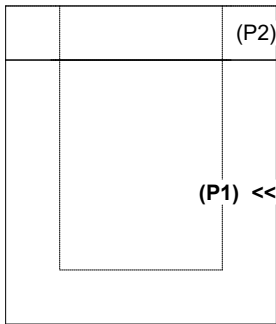
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 337.6' Rim to Invert: 3.3' Slack: 0.6" Sump: 0" Step Position:

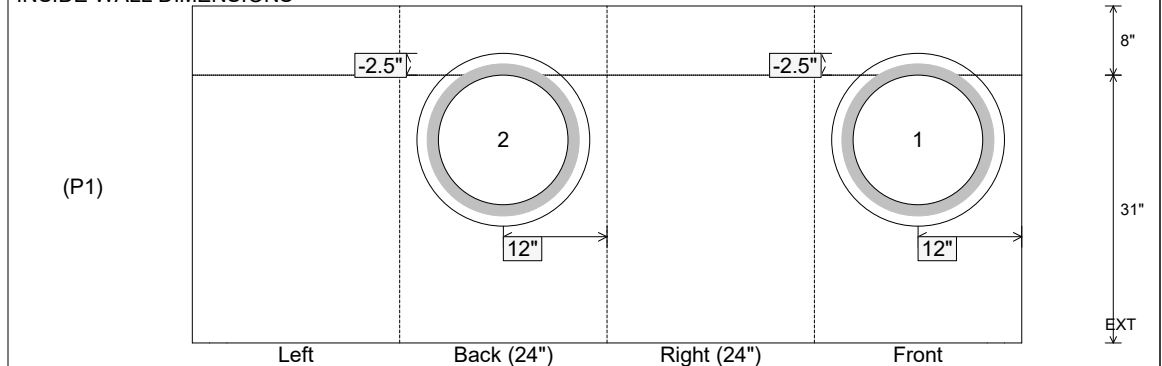
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	334.3'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	334.3'	180°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
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): 31"
 Height (Ext): 39"

Weight (Net): 3316 lb
 Volume (Net): 0.85cu.yd