

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)

Job Location: Hopkinsville, KY

Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

7/30/2026 8:55:21 AM

Tech: J. Horsley

PC: C. Goff

Structure ID: 237 (426+55 RT)

P1 BX3648-08BAVF

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

P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"

P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"

P3) 24" x 36" - FIELD ADJUSTMENT - 2"

P2) 36" x 48" - CB FT REDUCER 24"x36" HOLE T/F - 8"

P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 40"

1) CASTING - HOE KY-206 F/C (KY TY1)

1) 36" x 48" - Conseal CS-102 1.00"

1) 24" x 36" - Conseal CS-102 1.00"

1) Hole - 38

1) Hole - 30

1) Hole - 26

1) Hole - 6

3400 lb

5270 lb

0 lb

1654 lb

5970 lb

206 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 16500 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. HOE KY-206 F/C CAST INTO TOP SLAB.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.

- TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)

- WALLS (As .31) #5 BARS AT 12" C.C.E.W.

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 543.58'

Rim to Invert: 6.51'

Slack: 0.12"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	537.07'	270°	32"	30" HDPE	35.1"	Hole 38	38"	38"	-2.55"	0"
Invert 2	537.57'	90°	32"	24" HDPE	27.8"	Hole 30	30"	30"	4.1"	0"
Invert 3	538.07'	200°	27.005"	18" RCP B WALL	23"	Hole 26	26"	27.669"	9.5"	-10"
Invert 4	539.515'	90°	50"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	28.94"	18"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 4
Degree: 90°
Horz: 42"
Hole: 6"
Up(): 28.94"

Invert: 3
Degree: 200°
Horz: 16.094"
Hole: 26"
Up(): 9.5"

Invert: 2
Degree: 90°
Horz: 24"
Hole: 30"
Up(): 4.1"

Invert: 1
Degree: 270°
Horz: 24"
Hole: 38"
Up(): -2.55"

36"

48"

+ 0°-

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 4
Degree: 90°
Horz: 42"
Hole: 6"
Up(): 28.94"

Invert: 3
Degree: 200°
Horz: 16.094"
Hole: 26"
Up(): 9.5"

Invert: 2
Degree: 90°
Horz: 24"
Hole: 30"
Up(): 4.1"

Invert: 1
Degree: 270°
Horz: 24"
Hole: 38"
Up(): -2.55"

36"

48"

- 0°+

(P5)

(P4)

(P3)

(P2)

(P1) <<

INSIDE WALL DIMENSIONS

(P1)

1

3

2

24"

16.094"

42"

24"

Left

Back

Right

Front

-2.55"

9.5"

4.1"

28.94"

8"

40"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 40"

Height (Ext): 48"

Weight (Net): 5970 lb

Volume (Net): 1.52cu.yd