

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

Job Location: Hopkinsville, KY

Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

8/3/2026 4:20:59 PM

Tech: J. Horsley

PC: C. Goff

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 291a (446+37 LT)

P1 BX2436-08BA30

BOX BASE 8inW, 8inF F/n

P3) 15" x 27" - P.I.P. - BY OTHERS - 8"

P2) 24" x 36" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"

P1) 24" x 36" - BOX BASE 8inW, 8inF F/n - 30"

1) CASTING - HOE KY-230-G F/G (GRADE)

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

1) Hole - 20

2) Hole - 4

0 lb

1124 lb

4165 lb

237 lb

0 lb

0 lb

0 lb

Structure Total: 5527 lb

Structure Notes:

** KYTC STATE PROJECT **

1. KYTC DBI TYPE 13G / ASTM C-913 SPEC'S.

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

3. CASTING BY ICAST (HOE KY-230 F/G).

4. STUB #5 BARS UP 6" AROUND 15x27 OPENING IN TOP SLAB (SPA@12"C/C)

REINFORCING PER ASTM A615 (GRADE 60).

- TOP 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: 526.58'

Rim to Invert: 3.88'

Slack: 0.56"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	522.7'	230°	20.967"	15" HDPE	17.6"	Hole 20	20"	26.108"	-1.3"	9"
Invert 2	524.53'	90°	26"	4" WEEP HOLE	4"	Hole 4	4"	4"	21.96"	0"
Invert 3	524.53'	270°	36"	4" WEEP HOLE	4"	Hole 4	4"	4"	21.96"	10"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P3)

(P2)

(P1) <<

Invert: 1
Degree: 230°
Horz: 19.679"
Hole: 20"
Up(): -1.3"

24"

36"

+ 0°

Invert: 2
Degree: 90°
Horz: 18"
Hole: 4"
Up(): 21.96"

Invert: 3
Degree: 270°
Horz: 28"
Hole: 4"
Up(): 21.96"

Invert: 1
Degree: 230°
Horz: 19.679"
Hole: 20"
Up(): -1.3"

24"

36"

- 0°

Invert: 2
Degree: 90°
Horz: 18"
Hole: 4"
Up(): 21.96"

Invert: 3
Degree: 270°
Horz: 28"
Hole: 4"
Up(): 21.96"

INSIDE WALL DIMENSIONS

1

3

2

-1.3"

21.96"

19.679"

28"

18"

21.96"

Left

Back (24")

Right (36")

Front

8"

30"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 30"
Height (Ext): 38"

Weight (Net): 4165 lb
Volume (Net): 1.06cu.yd