

Job Name: 26-2030 - KYTC McCracken Co. Call 111 (ID 264505)

Job Location: Paducah, KY

Contractor: Jim Smith Contracting Co, LLC

Plant: 100

6/12/2026 7:49:35 AM

Tech: J. Horsley

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 146+33 LT S-13 CBIB

P1 BX2424-08BA36

BOX BASE 8inW, 8inF F/n

P4) 8" x 120" - CB INLET KY B 10' TOP F/G - 9"

P3) 24" x 120" - CB INLET KY B 10' BOTTOM RIGHT T/G - 17"

P2) 24" x 24" - FIELD ADJUSTMENT - 3"

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

1) CASTING - HOE KY-345 SET (CBI B)

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

3) Hole - 18

1660 lb

2650 lb

0 lb

3655 lb

290 lb

0 lb

0 lb

Structure Total: 8255 lb

Structure Notes:

** KYTC STATE PROJECT **

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

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

3. CASTING BT ICAST (HOE KY-345 F/G(CBI-B)

.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP PHASE (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: 372.94'

Rim to Invert: 5.44'

Slack: 0.28"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	367.5'	90°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 2	367.5'	270°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 3	367.5'	0°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P4)

(P3)

(P2)

(P1) <<

Invert: 1
Degree: 90°
Horz: 12"
Hole: 18"
Up(): -1.5"

Invert: 2
Degree: 270°
Horz: 12"
Hole: 18"
Up(): -1.5"

Invert: 3
Degree: 0°
Horz: 12"
Hole: 18"
Up(): -1.5"

Invert: 2
Degree: 270°
Horz: 12"
Hole: 18"
Up(): -1.5"

Invert: 1
Degree: 90°
Horz: 12"
Hole: 18"
Up(): -1.5"

Invert: 3
Degree: 0°
Horz: 12"
Hole: 18"
Up(): -1.5"

INSIDE WALL DIMENSIONS

2

1

3

-1.5"

-1.5"

-1.5"

12"

12"

12"

Left

Back (24")

Right (24")

Front

8"

36"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 36"
Height (Ext): 44"

Weight (Net): 3655 lb
Volume (Net): 0.93cu.yd