

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 7:49:38 AM

Tech: J. Horsley

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 148+02 LT S-10 CBIB

P1 BX2424-08BAVF

BOX BASE 8inW, 8inF, Variable Ht 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 - 2"

P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 33"

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

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

2) Hole - 18

1660 lb

2650 lb

0 lb

3568 lb

290 lb

0 lb

0 lb

Structure Total: 8168 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: 373.53'

Rim to Invert: 5.13'

Slack: 0.56"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	368.4'	0°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 2	368.4'	270°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 3										
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) <<

24"

24"

+ 0°-

Invert: 2

Degree: 270°

Horz: 12"

Hole: 18"

Up(): -1.5"

Invert: 1

Degree: 0°

Horz: 12"

Hole: 18"

Up(): -1.5"

24"

24"

- 0°+

Invert: 2

Degree: 270°

Horz: 12"

Hole: 18"

Up(): -1.5"

Invert: 1

Degree: 0°

Horz: 12"

Hole: 18"

Up(): -1.5"

INSIDE WALL DIMENSIONS

2

12"

-1.5"

(P1)

Left

Back (24")

Right (24")

Front

1

12"

-1.5"

EXT

8"

33"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 33"

Height (Ext): 41"

Weight (Net): 3568 lb

Volume (Net): 0.91cu.yd