

Job Name: 26-1333B Mitchell Hill Road Project

Job Location: Louisville, KY

Contractor: Hall Contracting of Kentucky Inc

Plant: Beaver Dam

8/13/2026 3:42:05 PM

Tech: S. Felletter

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: STR-3

P1 BX2424-08BAVF

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

P3) CASTING (cast in) - 0

P2) 24" x 24" - BX FLAT LID 8inW SPEC. (KY JB-B1) F/F - 8"

P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 44"

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

1) This Structure Includes a Cast-in Item

1) 24" x 24" - SGL 1"x14.5' Butyl

1) Hole - 22

1) Hole - 20

0 lb

770 lb

4389 lb

206 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5365 lb

Structure Notes:

1. KYTC JUNCTION BOX B1 / PER ASTM C913 SPEC'S.

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

3. TOP SLAB w KYTC TYPE 1 F/C CAST FLUSH.

4. CASTING BY ICAST (HOE KY-206 F/C). CAST-IN.

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.

RFI: VERIFY INLET PIPE TYPE.

Rim: 661.49'

Rim to Invert: 4.39'

Slack: 0.68"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	657.1'	0°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-3.5"	0"
Invert 2	657.1'	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. dimenions)

(P3)

(P2)

(P1) <<

Invert: 2
Degree: 180°
Horz: 12"
Hole: 20"
Up(): -2.5"

24"

24"

+ 0°-

Invert: 1
Degree: 0°
Horz: 12"
Hole: 22"
Up(): -3.5"

Invert: 2
Degree: 180°
Horz: 12"
Hole: 20"
Up(): -2.5"

24"

24"

- 0°+

Invert: 1
Degree: 0°
Horz: 12"
Hole: 22"
Up(): -3.5"

INSIDE WALL DIMENSIONS

Left

Back (24")

Right (24")

Front

-2.5"

-3.5"

12"

12"

2

1

8"

44"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 44"

Height (Ext): 52"

Weight (Net): 4389 lb

Volume (Net): 1.12cu.yd