

Job Name: 26-1333B Mitchell Hill Road Project

Job Location: Louisville, KY

Contractor: Hall Contracting of Kentucky Inc

Plant: Beaver Dam

8/13/2026 3:42:04 PM

Tech: S. Felletter

PC: J. Jarvis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: STR-4

P1 BX2436-08BVF

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

P3) CASTING (cast in) - 0

P2) 24" x 36" - BX FLAT LID 8inW SPEC. (KY JB-B1) F/F - 8"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41"

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

1) This Structure Includes a Cast-in Item

1) 24" x 36" - SGL 1"x14.5' Butyl

2) Hole - 34

1) Hole - 22

0 lb

1093 lb

4106 lb

206 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5404 lb

Structure Notes:

1. KYTC JUNCTION BOX / 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.

Rim: 659'

Rim to Invert: 4'

Slack: 0"

Sump: 1"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	655'	90°	26"	24" RCP B WALL	30"	Hole 34	34"	34"	-4"	0"
Invert 2	655'	180°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.5"	0"
Invert 3	655'	270°	26"	24" RCP B WALL	30"	Hole 34	34"	34"	-4"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 1
Degree: 90°
Horz: 18"
Hole: 34"
Up(): -4"

(P3)
(P2)

(P1) <<

Invert: 2
Degree: 180°
Horz: 12"
Hole: 22"
Up(): -2.5"

24"

36"

+ 0°

Invert: 3
Degree: 270°
Horz: 18"
Hole: 34"
Up(): -4"

24"

36"

- 0°+

Invert: 2
Degree: 180°
Horz: 12"
Hole: 22"
Up(): -2.5"

24"

36"

- 0°+

Invert: 3
Degree: 270°
Horz: 18"
Hole: 34"
Up(): -4"

24"

36"

- 0°+

Invert: 1
Degree: 90°
Horz: 18"
Hole: 34"
Up(): -4"

(P3)
(P2)

(P1) <<

Invert: 2
Degree: 180°
Horz: 12"
Hole: 22"
Up(): -2.5"

24"

36"

+ 0°

Invert: 3
Degree: 270°
Horz: 18"
Hole: 34"
Up(): -4"

24"

36"

- 0°+

INSIDE WALL DIMENSIONS

-4"

-2.5"

-4"

3

2

1

18"

12"

18"

Left

Back (24")

Right (36")

Front

8"

41"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 41"
Height (Ext): 49"

Weight (Net): 4106 lb
Volume (Net): 1.05cu.yd