

Job Name: 26-2018B Hancock Co Middle School Utility

Job Location: South Lewisport, KY

Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

10/12/2026 8:19:42 AM

Tech: S. Felletter

PC: A. Chambers

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: DI-1B ST-IN

P1 BX2424-08BAVF

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

P2) 24" x 24" - CASTING HEIGHT - 4"

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

1) CASTING - HOE 280T F/G

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

1) Hole - 14

0 lb

3806 lb

182 lb

0 lb

0 lb

Structure Total: 3988 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. CASTING BY ICAST (HOE 280T F/G).

REINFORCING PER ASTM A615 (GRADE 60).

- WALLS (As .12) #5 BARS AT 12" C.C.E.W.

- FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 414'

Rim to Invert: 3.1'

Slack: 0.9"

Sump: 0.7"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	410.9'	0°	20"	10" HDPE	11.4"	Hole 14	14"	14"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P2)

(P1) <<

24"

24"

+ 0° -

Invert: 1

Degree: 0°

Horz: 12"

Hole: 14"

Up(): 0"

UPSIDE-DOWN VIEW (int. dimenions)

(P2)

(P1) <<

24"

24"

- 0° +

Invert: 1

Degree: 0°

Horz: 12"

Hole: 14"

Up(): 0"

INSIDE WALL DIMENSIONS

(P1)

Left

Back (24")

Right (24")

Front

8"

33"

EXT

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): 3806 lb

Volume (Net): 0.97cu.yd