

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 8:19:34 AM

Tech: S. Felletter

PC: A. Chambers

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: DI-1A ST-IN

P1 BX2424-06W08F-BAVF

BOX BASE 6inW, 8inF, Variable Ht F/n

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

P1) 24" x 24" - BOX BASE 6inW, 8inF, Variable Ht F/n - 27"

1) CASTING - HOE 280T F/G

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

1) Hole - 16

1) Hole - 12

1) Hole - 6

0 lb

2329 lb

182 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 2511 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: 412.25'

Rim to Invert: 2.5'

Slack: 0.25"

Sump: 1.25"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	409.75'	0°	18"	12" HDPE	14.5"	Hole 16	16"	16"	0"	0"
Invert 2	409.85'	90°	18"	8" HDPE	9.1"	Hole 12	12"	12"	1.9"	0"
Invert 3	410.5'	180°	18"	4" HDPE	4.8"	Hole 6	6"	6"	9.85"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 3
Degree: 180°
Horz: 12"
Hole: 6"
Up(): 9.85"

24"

24"

+ 0°-

Invert: 2
Degree: 90°
Horz: 12"
Hole: 12"
Up(): 1.9"

24"

24"

- 0°+

Invert: 1
Degree: 0°
Horz: 12"
Hole: 16"
Up(): 0"

(P2)

(P1) <<

INSIDE WALL DIMENSIONS

Left

Back (24")

Right (24")

Front

9.85"

12"

1.9"

0"

12"

12"

12"

3

2

1

8"

27"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 27"

Height (Ext): 35"

Weight (Net): 2329 lb

Volume (Net): 0.6cu.yd