

Job Name: 26-2828 Express Oil Change Frankfort

Job Location: Frankfort, KY

Contractor: Lagco Inc.

Plant: Beaver Dam

10/5/2026 1:20:52 PM

Tech: S. Felletter

PC: M. Sullivan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: CI1 CBIF

P1 BX2424-08BAVF

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

P2) 24" x 24" - CASTING HEIGHT - 5"

P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 40"

1) CASTING - HOE KY-465 SET (CBI TY F)

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

2) Hole - 16

0 lb

4197 lb

465 lb

0 lb

0 lb

Structure Total: 4662 lb

Structure Notes:

1. KYTC CBI TYPE F / ASTM C913 SPECIFICATIONS.

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

3. CASTING BY ICAST (HOE KY-465 SET F/G/H).

REINFORCING PER ASTM A615 (GRADE 60).

- WALLS (As .31) #5 BARS AT 12" C.C.E.W.

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 743.84'

Rim to Invert: 3.75'

Slack: 0"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	740.09'	35°	25.459"	12" HDPE	14.5"	Hole 16	16"	19.532"	-1.25"	-7"
Invert 2	740.09'	155°	16.191"	12" HDPE	14.5"	Hole 16	16"	17.654"	-1.25"	5"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 155°

Horz: 11.921"

Hole: 16"

Up(): -1.25"

24"

24"

+ 0°

Invert: 1

Degree: 35°

Horz: 11.857"

Hole: 16"

Up(): -1.25"

(P2)

(P1) <<

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 2

Degree: 155°

Horz: 11.921"

Hole: 16"

Up(): -1.25"

24"

24"

- 0°+

Invert: 1

Degree: 35°

Horz: 11.857"

Hole: 16"

Up(): -1.25"

INSIDE WALL DIMENSIONS

Left

Back (24")

Right (24")

Front

-1.25"

11.921"

-1.25"

11.857"

2

1

8"

40"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 40"

Height (Ext): 48"

Weight (Net): 4197 lb

Volume (Net): 1.07cu.yd