

Job Name: 26-2648 Midtown Commons Apartments

Job Location: Madisonville, KY

Contractor: Steve Pleasant Excavating

Plant: Beaver Dam

7/20/2026 10:44:21 AM

Tech: S. Felletter

PC:

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 5.2 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 - 30"

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

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

1) Hole - 22

0 lb

3397 lb

465 lb

0 lb

0 lb

3862 lb

Structure Total:

Structure Notes:

1. KYTC CBI TYPE F / ASTM C913 SPECIFICATIONS.

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

3. NO INVERT CHANNEL.

4. NO STEPS.

5. CASTING BY ICAST (HOE KY-465 SET).

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: 429.57'

Rim to Invert: 2.97'

Slack: 0.64"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	426.6'	0°	20"	15" ADS N-12	18"	Hole 22	22"	22"	-3.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P2)

(P1) <<

24"

24"

+ 0° -

Invert: 1

Degree: 0°

Horz: 12"

Hole: 22"

Up(): -3.5"

24"

24"

- 0° +

Invert: 1

Degree: 0°

Horz: 12"

Hole: 22"

Up(): -3.5"

INSIDE WALL DIMENSIONS

(P1)

Left

Back (24")

Right (24")

Front

1

12"

8"

30"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 30"

Height (Ext): 38"

Weight (Net): 3397 lb

Volume (Net): 0.87cu.yd