

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: 6.1 DBI14

P1 BX2424-08BAVF

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

P3) 19.5" - CASTING (cast in) - 2.75"

P2) 24" x 24" - CB FLAT TOP 8"W (HOE KY-210) F/F - 8"

P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 22"

1) CASTING - HOE KY-210 F/G (DBI 14)

1) This Structure Includes a Cast-in Item

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

1) Hole - 22

0 lb

943 lb

2709 lb

178 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 3830 lb

Structure Notes:

1. KYTC DBI TYPE 14 / ASTM C913 SPECIFICATIONS

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

3. NO INVERT CHANNEL.

4. DBI-14 F/G CAST INTO TOP SLAB (HOE KY-210 F/G RADIAL).

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: 429.51'

Rim to Invert: 2.51'

Slack: 0.12"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	427'	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)

(P3)

(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

8"

22"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 22"

Height (Ext): 30"

Weight (Net): 2709 lb

Volume (Net): 0.69cu.yd