

Job Name: 26-2648 Midtown Commons Apartments

Job Location: Madisonville, KY

Contractor: Steve Pleasant Excavating

Plant: Beaver Dam

7/20/2026 10:44:18 AM

Tech: S. Felletter

PC:

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 4.5 DBI13G

P1 BX2436-08BVF

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

P3) 15" x 27" - P.I.P. - BY OTHERS - 8"

P2) 24" x 36" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 38"

1) CASTING - HOE KY-230-G F/G (GRADE)

1) 24" x 36" - Conseal CS-102 1.00"

2) Hole - 32

2) Hole - 4

0 lb

1124 lb

4177 lb

237 lb

0 lb

0 lb

0 lb

Structure Total: 5538 lb

Structure Notes:

1. KYTC DBI TYPE 13G / ASTM C-913 SPEC'S.

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

3. CASTING BY ICAST (HOE KY-230-G F/G "GRADE").

6. STUB #5 BARS UP 4" AROUND OPENING IN TOP SLAB (SPA@12"C/C).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT).

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

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

Rim: 433.16'

Rim to Invert: 4.53'

Slack: 0.36"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	428.63'	90°	26"	24" ADS N-12	28"	Hole 32	32"	32"	-4"	0"
Invert 2	428.71'	270°	26"	24" ADS N-12	28"	Hole 32	32"	32"	-3.04"	0"
Invert 3	431.13'	90°	16"	4" WEEP HOLE	4"	Hole 4	4"	4"	30"	-10"
Invert 4	431.13'	270°	36"	4" WEEP HOLE	4"	Hole 4	4"	4"	30"	10"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P3)

(P2)

(P1) <<

Invert: 1
Degree: 90°
Horz: 18"
Hole: 32"
Up(): -4"

Invert: 2
Degree: 270°
Horz: 18"
Hole: 32"
Up(): -3.04"

Invert: 3
Degree: 90°
Horz: 8"
Hole: 4"
Up(): 30"

Invert: 4
Degree: 270°
Horz: 28"
Hole: 4"
Up(): 30"

24"

36"

+ 0°-

Invert: 2
Degree: 270°
Horz: 18"
Hole: 32"
Up(): -3.04"

Invert: 4
Degree: 270°
Horz: 28"
Hole: 4"
Up(): 30"

24"

36"

- 0°+

Invert: 1
Degree: 90°
Horz: 18"
Hole: 32"
Up(): -4"

Invert: 3
Degree: 90°
Horz: 8"
Hole: 4"
Up(): 30"

24"

36"

- 0°+

INSIDE WALL DIMENSIONS

2

4

18"

28"

30"

30"

-3.04"

1

3

18"

8"

30"

4"

-4"

Left

Back (24")

Right (36")

Front

8"

38"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 38"

Height (Ext): 46"

Weight (Net): 4177 lb

Volume (Net): 1.07cu.yd