

Job Name: 23-2404 Hampton Hills (Phase 1)

Job Location: Richmond, KY

Contractor: Seven Earthmovers LLC

Plant: 100

5/19/2026 12:59:25 PM

Tech: J. Horsley

PC: C. Golf

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: CBI-H4

P1 BX2424-08BAVF

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

P2) 24" x 24" - CASTING HEIGHT - 11"

P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 37"

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

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

1) Hole - 22

0 lb

3998 lb

465 lb

0 lb

0 lb

Structure Total: 4463 lb

Structure Notes:

1. PER KYTC CBI F / ASTM C913 SPEC'S.

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

3. CASTING BY ICAST (HOE KY-206) TO BE CAST INTO TOP PHASE.

REINFORCING PER ASTM AS615 (GRADE 60).

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

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

Rim: 912.79'

Rim to Invert: 4'

Slack: 0"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	908.79'	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

-3.5"

1

12"

8"

37"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 37"

Height (Ext): 45"

Weight (Net): 3998 lb

Volume (Net): 1.02cu.yd