

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

Job Location: Richmond, KY

Contractor: Seven Earthmovers LLC

Plant: 100

5/19/2026 12:59:23 PM

Tech: J. Horsley

PC: C. Golf

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: CBI-E4

P1 BX2436-08BVF

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

P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"

P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 23"

1) CASTING - HOE KY-206 F/C (KY CBI A)

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

2) Hole - 22

3400 lb

5270 lb

3233 lb

206 lb

0 lb

0 lb

Structure Total: 12108 lb

Structure Notes:

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

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

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

REINFORCING PER ASTM AS615 (GRADE 60).

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

- 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: 908.17'

Rim to Invert: 4.25'

Slack: 0"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	903.92'	0°	20"	15" ADS N-12	18"	Hole 22	22"	22"	-3.5"	0"
Invert 2	903.92'	180°	20"	15" ADS N-12	18"	Hole 22	22"	22"	-3.5"	0"
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) <<

Invert: 2

Degree: 180°

Horz: 12"

Hole: 22"

Up(): -3.5"

24"

36"

+ 0°-

Invert: 1

Degree: 0°

Horz: 12"

Hole: 22"

Up(): -3.5"

Invert: 2

Degree: 180°

Horz: 12"

Hole: 22"

Up(): -3.5"

24"

36"

- 0°+

Invert: 1

Degree: 0°

Horz: 12"

Hole: 22"

Up(): -3.5"

INSIDE WALL DIMENSIONS

(P1)

-3.5"

2

12"

Left

Back (24")

Right (36")

Front

-3.5"

1

12"

EXT

8"

23"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 23"

Height (Ext): 31"

Weight (Net): 3233 lb

Volume (Net): 0.83cu.yd