

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

Job Location: Richmond, KY

Contractor: Seven Earthmovers LLC

Plant: 100

5/19/2026 12:59:34 PM

Tech: J. Horsley

PC: C. Golf

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: BASIN C1 - OCS

P1 BX4848-08BAVF

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

P2) 48" x 48" - CASTING HEIGHT - 1"

P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 35"

1) 48" x 48" - Conseal CS-102 1.00"

1) Hole - 30

1) Hole - 6

0 lb

7519 lb

0 lb

0 lb

0 lb

Structure Total: 7519 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

2. CONCRETE = 4,500 PSI AT 28 DAYS.

3. CASTING/BAR GRATE SUPPLIED BY OTHERS.

REINFORCING PER ASTM A615 (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: 871'

Rim to Invert: 3'

Slack: 0"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	868'	0°	32"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	868'	270°	32"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	-0.375"	0"
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) <<

Invert: 1

Degree: 0°

Horz: 24"

Hole: 30"

Up(): -1.875"

Invert: 2

Degree: 270°

Horz: 24"

Hole: 6"

Up(): -0.375"

Invert: 2

Degree: 270°

Horz: 24"

Hole: 6"

Up(): -0.375"

Invert: 1

Degree: 0°

Horz: 24"

Hole: 30"

Up(): -1.875"

INSIDE WALL DIMENSIONS

(P1)

-0.375"

24"

Left

Back (48")

Right (48")

Front

24"

1

-1.875"

8"

35"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 35"

Height (Ext): 43"

Weight (Net): 7519 lb

Volume (Net): 1.92cu.yd