

Job Name: 25-4719 Barren Co Judicial Center Precast

Job Location: Glasgow, KY

Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam

5/5/2026 9:51:04 AM

Tech: S. Felletter

PC: C. Goff

Structure ID: S-1

P1 BX4896-08BAVF

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

P4) 24" x 30" - P.I.P. - BY OTHERS - 8"

P3) 48" x 96" - CB FLAT TOP 8"W w/24"x30" HOLE F/F - 10"

P2) 48" x 96" - BOX RISER 8inW, Variable Ht F/G - 27"

P1) 48" x 96" - BOX BASE 8inW, 8inF, Variable Ht T/n - 66"

1) CASTING - HOE 275-A F/G

2) 48" x 96" - Conseal CS-102 1.00"

1) 24" x 30" - Conseal CS-102 1.00"

2) Hole - 46

1) Hole - 44

1) Hole - 52

0 lb

5411 lb

5800 lb

15411 lb

295 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 26916 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

2. CONCRETE = 5,000 PSI AT 28 DAYS.

3. CASTING BY ICAST (HOE 275-A F/G).

4. 6" T X 4" W X 4" DEEP POCKETS FOR W6X9 IBEAMS BY OTHERS.

5. #5 BAR @ 12" O.C. STUBBED OUT 12" ABOVE TOP SLAB.

REINFORCING PER ASTM A615 (GRADE 60).

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

- WALLS (As .47) #5 BARS AT 8" C.C.E.W.

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

First Pour Drawing

First Pour Weight = 4,978 LBS

Rim: 742.69'

Rim to Invert: 9.26'

Slack: 0.62"

Sump: 0.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	733.43'	270°	81"	42" CMP	43"	Hole 46	46"	46"	0"	25"
Invert 2	733.49'	270°	31"	42" CMP	43"	Hole 46	46"	46"	0.72"	-25"
Invert 3	734.02'	20°	35.355"	36" HDPE	41.7"	Hole 44	44"	46.824"	4.73"	-16"
Invert 4	733.68'	90°	72"	48" CMP	49"	Hole 52	52"	52"	3"	16"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 4

Degree: 90°

Horz: 64"

Hole: 52"

Up(): 3"

Invert: 2

Degree: 270°

Horz: 23"

Hole: 46"

Up(): 0.72"

Invert: 1

Degree: 270°

Horz: 73"

Hole: 46"

Up(): 0"

Invert: 3

Degree: 20°

Horz: 24.444"

Hole: 44"

Up(): 4.73"

UPSIDE-DOWN VIEW (int. dimensions)

(P4)

(P3)

(P2)

(P1) <<

#5 L Bars cast-in the floor

INSIDE WALL DIMENSIONS

Front

Right (96")

Back (48")

Left

24.444"

64"

23"

73"

4.73"

3"

0.72"

0"

3

4

2

1

EXT

66"

8"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 66"

Height (Ext): 74"

Weight (Net): 15411 lb

Volume (Net): 3.94cu.yd

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- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Second Pour Drawing

Second Pour Weight = 10,433 LBS

Rim: 742.69'

Rim to Invert: 9.26'

Slack: 0.62"

Sump: 0.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	733.43'	270°	81"	42" CMP	43"	Hole 46	46"	46"	0"	25"
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Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 4
Degree: 90°
Horz: 64"
Hole: 52"
Up(): 3"

48"

+ 96"

+ 0°-

Invert: 2
Degree: 270°
Horz: 23"
Hole: 46"
Up(): 0.72"

Invert: 1
Degree: 270°
Horz: 73"
Hole: 46"
Up(): 0"

Invert: 3
Degree: 20°
Horz: 24.444"
Hole: 44"
Up(): 4.73"

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(P3)

(P2)

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#5 L Bars cast-in the floor

INSIDE WALL DIMENSIONS

Front

Right (96")

Back (48")

Left

24.444"

64"

23"

73"

4.73"

3"

0.72"

0"

(P1)

3

4

2

1

EXT

66"

8"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 66"

Height (Ext): 74"

Weight (Net): 15411 lb

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