

Job Name: 26-1651B Buffalo Trace

Job Location: Campbellsville, KY

Contractor: Buzick Construction

Plant: Beaver Dam

6/30/2026 8:22:49 AM

Tech: S. Felletter

PC: E. Bradley

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: CB 816.09

P1MH048BAVF

MH BASE Custom Ht T/n

P3) 34" x 34" - CASTING HEIGHT - 3"

P2) 48" - MH FLAT TOP w/34"x34" Hole F/G - 12"

P1) 48" - MH BASE Custom Ht T/n - 27"

1) CASTING - HOE 595 F/G

1) 48" - Conseal CS-102 1.00"

1) Hole - 18

1) Hole - 12

2) MH Step ML-10-TDS-NCR - 10"

0 lb

1194 lb

3060 lb

376 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 4630 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY ICAST (HOE 595 F/C).

REINFORCING PER ASTM A615 (GRADE 60).

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

- RISER/WALLS (As .12)

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

Rim: 819.59'

Rim to Invert: 3.5'

Slack: 0"

Sump: 0"

Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	816.09'	0°	0"	12" HDPE	14.5"	Hole 18	18"	18.451"	-1.25"	0"
Invert 2	816.09'	280°	141.721"	8" PVC SDR35	8.5"	Hole 12	12"	12.129"	-0.25"	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) <<

Step: 180°

Horz: 75.398"

Invert: 2

Degree: 280°

Horz: 117.286"

Hole: 12"

Up(): -0.25"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 18"

Up(): -1.25"

Step: 180°

Horz: 75.398"

Invert: 2

Degree: 280°

Horz: 117.286"

Hole: 12"

Up(): -0.25"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 18"

Up(): -1.25"

INSIDE WALL DIMENSIONS

(P1)

-0.25"

2

117.286"

-1.25"

1

0"

EXT

360°

270°

180°

90°

0°

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 27"

Height (Ext): 33"

Weight (Net): 3060 lb

Volume (Net): 0.78cu.yd