

Job Name: 25-4566 - Government Center

Job Location: Henry Co, TN

Contractor: Parker Excavating, LLC.

Plant: Beaver Dam

6/4/2026 8:18:29 AM

Tech: S. Felletter

PC: J. Jarvis



Structure ID: SCI 9 (16)

P1MH048BAVF

MH BASE Custom Ht F/n

P3) 28" x 34" - CASTING HEIGHT - 7"

P2) 48" - MH FLAT TOP - TDOT NO 12 (28"x34" Hole) F/F - 10"

P1) 48" - MH BASE Custom Ht F/n - 47"

1) CASTING - JBS 3123 MODIFIED SET

1) 48" - Conseal CS-102 1.00"

1) 28" x 34" - Conseal CS-102 1.00"

1) Hole - 30

1) Hole - 24

0 lb

1497 lb

4100 lb

250 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5847 lb

Structure Notes:

1. PER TDOT D-CB-12RA / ASTM C478 SPEC'S.

2. CONCRETE = 4,000 PSI AT 28 DAYS

3. NO INVERT CHANNEL.

4. CASTING BY ICAST (TNDOT TY. 12 - JBS 3123 MOD SINGLE SET).

REINFORCING PER ASTM 615 (GRADE 60).

PER TDOT STD DRAWING D-CB-12RA.

- TOP SLAB - DBL MAT #5 BARS

- RISER (As .24)

- FLOOR (As .62) #5 BARS @ 6" C.C.E.W.

Rim: 544.06'

Rim to Invert: 5.2'

Slack: 0.3"

Sump: 1.9"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	538.86'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"
Invert 2	539.36'	180°	91.106"	18" HDPE	21.2"	Hole 24	24"	25.133"	6.3"	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: 75.398"

Hole: 24"

Up(): 6.3"

+ 0°-

Invert: 1

Degree: 0°

Horz: 0"

Hole: 30"

Up(): 0"

- 0°+

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P3)

(P2)

(P1) <<

Invert: 2

Degree: 180°

Horz: 75.398"

Hole: 24"

Up(): 6.3"

- 0°+

Invert: 1

Degree: 0°

Horz: 0"

Hole: 30"

Up(): 0"

- 0°+

INSIDE WALL DIMENSIONS

(P1)

6.3"

0"

75.398"

0"

47"

6"

EXT

360°

270°

180°

90°

0°

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 47"

Height (Ext): 53"

Weight (Net): 4100 lb

Volume (Net): 1.05cu.yd