

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 2 (15)

P1 BX3232-08B48

BOX BASE 8inW, 8inF F/n

P2) 32" x 32" - CASTING HEIGHT - 7"

P1) 32" x 32" - BOX BASE 8inW, 8inF F/n - 48"

1) CASTING - JBS 3123 MODIFIED SET

1) 32" x 32" - Conseal CS-102 1.00"

1) Hole - 24

1) Hole - 20

0 lb

6156 lb

250 lb

0 lb

0 lb

0 lb

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Structure Total: 6406 lb

Structure Notes:

1. PER TDOT D-CB-12LP / ASTM C913 SPEC'S.

2. CONCRETE = 4,000 PSI AT 28 DAYS

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

REINFORCING PER ASTM 615 (GRADE 60).

\*\*PER TDOT STD DRAWING D-CB-12LP.\*\*

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

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

Rim: 544.02'

Rim to Invert: 4.53'

Slack: 0.96"

Sump: 1.6"

Step Position:

| Position | Elev    | Angle | Ext. (cw) | Pipe     | Pipe OD | Connector | Hole | Horz Size | Up ( ) | Offset |
|----------|---------|-------|-----------|----------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 539.49' | 25°   | 27.744"   | 18" HDPE | 21.2"   | Hole 24   | 24"  | 26.481"   | 0"     | -6.75" |
| Invert 2 | 539.74' | 180°  | 24"       | 15" HDPE | 17.6"   | Hole 20   | 20"  | 20"       | 3.3"   | 0"     |
| Invert 3 |         |       |           |          |         |           |      |           |        |        |
| Invert 4 |         |       |           |          |         |           |      |           |        |        |
| Invert 5 |         |       |           |          |         |           |      |           |        |        |
| Invert 6 |         |       |           |          |         |           |      |           |        |        |
| Invert 7 |         |       |           |          |         |           |      |           |        |        |
| Invert 8 |         |       |           |          |         |           |      |           |        |        |

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P2)

(P1) <<

Invert: 2  
Degree: 180°  
Horz: 16"  
Hole: 20"  
Up( ): 3.3"

32"

32"

+ 0°

Invert: 1  
Degree: 25°  
Horz: 16.013"  
Hole: 24"  
Up( ): 0"

Invert: 2  
Degree: 180°  
Horz: 16"  
Hole: 20"  
Up( ): 3.3"

32"

32"

- 0°+

Invert: 1  
Degree: 25°  
Horz: 16.013"  
Hole: 24"  
Up( ): 0"

INSIDE WALL DIMENSIONS

(P1)

3.3"

0"

2

1

16"

16.013"

Left

Back (32")

Right (32")

Front

8"

48"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 48"

Height (Ext): 56"

Weight (Net): 6156 lb

Volume (Net): 1.57cu.yd