

Job Name: 26-1051 - HAMPTON 500

Job Location: Hampton Station, TN

Contractor: TVA

Plant: 100

6/18/2026 11:09:41 AM

Tech: Jared - F

PC: A. Chambers



Structure ID: 1 (5)

P1 MH048BA30MH BASE F/n

P4) 24" - CASTING HEIGHT - 1.25"

P3) 24" - GRADE RING F/F - 6"

P2) 48" - MH FLAT TOP w/ 24" Center Hole F/F - 7"

P1) 48" - MH BASE F/n - 30"

1) CASTING - EJ 6488 O Beehive Grate

1) 48" - Conseal CS-102 1.00"

2) 24" - Conseal CS-102 1.00"

1) Hole - 24

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

0 lb

405 lb

1700 lb

3229 lb

250 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5584 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. NO INVERT CHANNEL.

4. CASTING BY ICAST (EJ 6488 O BEEHIVE GRATE).

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: 506.8' Rim to Invert: 3.6' Slack: 0.55" Sump: 1.6" Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	503.2'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

(P4)

(P3)

(P2)

(P1) <<

Step: 180°

Horz: 75.375"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 24"

Up(): 0"

Step: 180°

Horz: 75.375"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 24"

Up(): 0"

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

0"

6"

30"

0"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 30"

Height (Ext): 36"

Weight (Net): 3229 lb

Volume (Net): 0.82cu.yd