

Job Name: 26-2478B - Marcelina Site Improvements San.

Job Location: Clarksville, TN 37043

Contractor: Core & Main LP

Plant: Beaver Dam

9/14/2026 3:08:10 PM

Tech: J. Coppage

PC: T. Lewis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: FS0 SS-MH

P1MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P6) 24" - CASTING HEIGHT - 6"

P5) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"

P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"

P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"

P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT

3) 48" - Conseal CS-102 1.00" (Double)

2) 24" - Conseal CS-102 1.00" (Double)

2) PSX - 16Y NYLO

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

0 lb

202 lb

3116 lb

5030 lb

5030 lb

2835 lb

0 lb

0 lb

1440 lb

0 lb

0 lb

16 lb

0 lb

17670 lb

Structure Notes:

1. (6" TALL CASTING PROVIDED BY OTHERS)

2. PER ASTM C478 SPECIFICATIONS.

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

4. ADMIXTURE = CONBLOCK CDA RED.

5. REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- RISER/WALLS (As .12)

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

Rim: 461.2'

Rim to Invert: 18'

Slack: 0"

Sump: 3"

Step Position: 91.5°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	443.2'	0°	0"	10" PVC SDR26	10.5"	PSX 16Y NYLO	16"	16.312"	0"	0"
Invert 2	443.3'	183°	92.625"	10" PVC SDR26	10.5"	PSX 16Y NYLO	16"	16.312"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P6)

(P5)

(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 183°

Horz: 76.625"

Hole: 16"

Up(): 1.25"

Step: 91.5°

Horz: 38.375"

+ 0°-

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 0"

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 2

Degree: 183°

Horz: 76.625"

Hole: 16"

Up(): 1.25"

Step: 91.5°

Horz: 38.375"

- 0°+

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 0"

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

EXT

6"

24"

0"

0"

76.625"

1.25"

0"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 24"

Height (Ext): 30"

Weight (Net): 2835 lb

Volume (Net): 0.72cu.yd