

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

Job Location: Clarksville, TN 37043

Contractor: Core & Main LP

Plant: Beaver Dam

9/14/2026 3:08:30 PM

Tech: J. Coppage

PC: T. Lewis

INFRASTRUCTURE

CAST

PRECAST

Structure ID: FS4 SS-MH

P1MH060BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P5) 24" - CASTING HEIGHT - 6"

P4) 60" - MH FLAT TOP w/24" Hole ECC w/ConBlock-CDA Red F/G - 13"

P3) 60" - MH RISER SPECIAL w/ConBlock-CDA Red T/G - 72"

P2) 60" - MH RISER w/ConBlock-CDA Red T/G - 72"

P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 50"

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

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

1) 60" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT

3) 60" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

3) PSX - 16Y NYLO

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

0 lb

2800 lb

7414 lb

7516 lb

7748 lb

0 lb

0 lb

2962 lb

0 lb

0 lb

24 lb

0 lb

Structure Total: 28464 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).

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

- RISER/WALLS (As .18)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

6. INTERNAL DROP PROVIDED BY OTHERS

Rim: 462.7'

Rim to Invert: 17.52'

Slack: 0.24"

Sump: 3"

Step Position: 78.5°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	445.18'	0°	0"	10" PVC SDR26	10.5"	PSX 16Y NYLO	16"	16.196"	0"	0"
Invert 2	445.28'	157°	98.625"	10" PVC SDR26	10.5"	PSX 16Y NYLO	16"	16.196"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 157°

Horz: 82.25"

Hole: 16"

Up(): 1.25"

Step: 78.5°

Horz: 41.125"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 0"

+ 0°-

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 2

Degree: 157°

Horz: 82.25"

Hole: 16"

Up(): 1.25"

Step: 78.5°

Horz: 41.125"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 0"

- 0°+

INSIDE WALL DIMENSIONS

1.25"

82.25"

0"

0"

2

1

360°

270°

180°

90°

0°

8"

50"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 50"

Height (Ext): 58"

Weight (Net): 7748 lb

Volume (Net): 1.98cu.yd