

Job Name: 26-2478 - Marcelina Site Improvements (Storm)

Job Location: Clarksville, TN 37043

Contractor: Core & Main LP

Plant: Beaver Dam, KY

10/8/2026 8:36:14 AM

Tech: J. Coppage

PC: T. Lewis



Structure ID: S16 ST-AD

P4 BX72120-08RSVF

BOX RISER 8inW, Variable Ht

P6) 30" x 30" - CASTING HEIGHT - 4"

P5) 72" x 120" - CB FLAT TOP 8"W w/30"x30" HOLE - 8"

P4) 72" x 120" - BOX RISER 8inW, Variable Ht - 55"

P3) 72" x 120" - BOX RISER 8inW, Variable Ht - 96"

P2) 72" x 120" - BOX RISER 8inW, Variable Ht - 24"

P1) 72" x 120" - BOX BASE 8inW, 8inF, Variable Ht - 96"

1) SECONDARY POUR

4) 72" x 120" - Conseal CS-102 1.00"

1) 30" x 30" - Conseal CS-102 1.00"

1) Hole - 90

1) Hole - 75

1) Hole - 56

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

0 lb

7430 lb

15359 lb

25155 lb

6702 lb

27405 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 82052 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT:

- FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)

- BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)

4. NO INVERT CHANNEL

5. STEPS AT 0 DEGREES

6. 6" CASTING SUPPLIED BY OTHERS

Rim: 505.2'

Rim to Invert: 23.19'

Slack: 2.28"

Sump: 7"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P6)

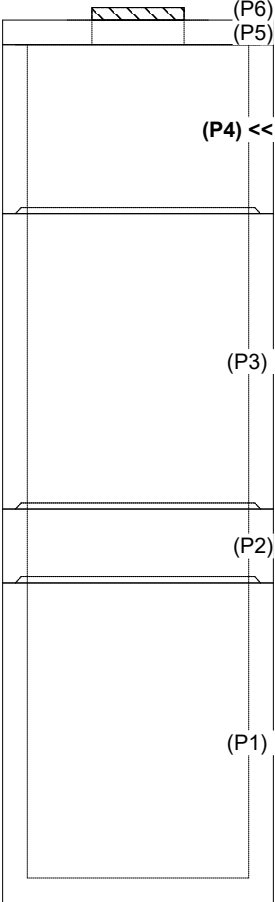
(P5)

(P4) <<

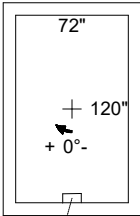
(P3)

(P2)

(P1)

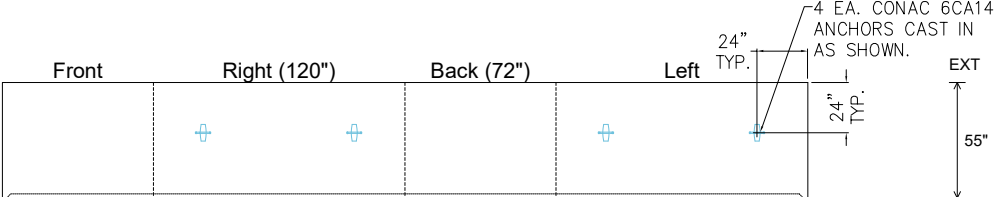


RIGHT-SIDE UP VIEW (int. dimensions)



Step: 0°
Shift: 0"

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: Groove

Wall Thickness: 8"

Floor Height: 0"

Height (Int): 55"

Height (Ext): 55"

Weight (Net): 15359 lb

Volume (Net): 3.92cu.yd