

Job Name: 26-1582 - Wyelea Commons Water Vault

Job Location: Franklin, TN

Contractor: Core & Main LP

Plant: 100

5/1/2026 1:13:08 PM

Tech: Jared - A

PC: T. Lewis



Structure ID: 2 (3)

P2 BX729606-VF-FT

BOX RISER 6inW, Variable Ht FT F/G

P4) 48" x 72" - HATCH (CAST FLUSH) - 3"

P3) 72" x 96" - CB FLAT TOP 6"W w/48"x72" HATCH F/F - 6"

P2) 72" x 96" - BOX RISER 6inW, Variable Ht FT F/G - 30"

P1) 72" x 96" - BOX BASE 6inW, 6inF T/n - 42"

1) This Structure Includes a Cast-in Item - 48" X 72" Hatch (Supplied by Others)

1) This Structure Includes a Cast-in Item - M.A. Industries Sump Pan & Lid (Supplied by iCast)

1) SUMP DISH - M.A. Industries Sump Pan & Lid

2) 72" x 96" - Conseal CS-102 1.00" (Double)

2) Hole - 12

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

0 lb

3000 lb

5437 lb

12041 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 20478 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 5,000 PSI AT 28 DAYS

3. REINFORCEMENT: #4 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. STEPS AT 270 DEGREES

5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED IN 90° & 270° WALLS, 12" FROM TOP OF WALLS

Rim: 6.5'

Rim to Invert: 4.75'

Slack: 0"

Sump: 21"

Step Position: 270°

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										

(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

72"

96"

+ 0°-

Step: 270°

Shift: 0"

INSIDE WALL DIMENSIONS

Front

Right (96")

Back (72")

Left

(P2)

EXT
30"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: Groove

Wall Thickness: 6"

Floor Height: 0"

Height (Int): 30"

Height (Ext): 30"

Weight (Net): 5437 lb

Volume (Net): 1.39cu.yd