

Job Name: 26-2697 - Prestonsburg Yard Vault

Job Location: Prestonsburg, KY

Contractor: Prestonsburg City Utilities

Plant: 100

6/25/2026 7:04:40 PM

Tech: Jared - F

PC: M. Sullivan



Structure ID: YARD VAULT 1

P2 MH048DHVF

MH RISER T/F

P4) 30" x 30" - HATCH (CAST FLUSH) - 3"

P3) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"

P2) 48" - MH RISER T/F - 48"

P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"

1) HATCH (Alum.) - HALLIDAY W1S 30"x30"

2) 48" - Conseal CS-102 1.00" (Double)

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

2) Hole - 10

100 lb

1350 lb

3287 lb

0 lb

62 lb

0 lb

0 lb

0 lb

4799 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. HATCH SUPPLIED BY I-CAST (HALLIDAY W1S 30"x30")(CAST-IN).

REINFORCING PER ASTM A615 (GRADE 60).

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

- RISER (As .12)

Rim: 5'

Rim to Invert: 4'

Slack: 0"

Sump: 12"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1'	0°	0"	6" PVC SDR35	6.25"	Hole 10	10"	10.074"	10"	0"
Invert 2	1'	180°	91.125"	6" PVC SDR35	6.25"	Hole 10	10"	10.074"	10"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P4)

(P3)

(P2) <<

(P1)

Invert: 2

Degree: 180°

Horz: 75.375"

Hole: 10"

Up(): 10"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 10"

Up(): 10"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

EXT

48"

(P2)

0"

75.375"

10"

10"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Flat

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 48"

Height (Ext): 48"

Weight (Net): 3287 lb

Volume (Net): 0.84cu.yd