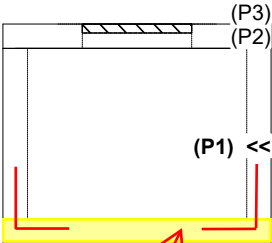


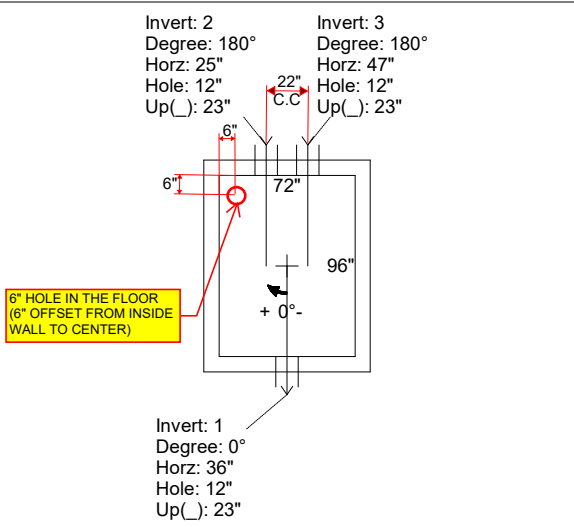
Job Name: 25-3195 - The Banks Lift Station and Forcemain Job Location: Gallatin, TN Contractor: W&O Construction					Plant: 100 5/28/2026 6:53:08 PM		Tech: Jared - F PC: A. Chambers				
Structure ID: VALVE VAULT											
P1 BX7296-08W08F-VF-CDARED BOX BASE 8inW, 8inF, Variable Ht w/CONBLOCK CDA RED F/n											
P3) 36" x 36" - HATCH (CAST FLUSH) - 3" P2) 72" x 96" - BX FLAT TOP 8"W w/36"x36" HATCH w/CONBLOCK CDA RED F/F - 8" P1) 72" x 96" - BOX BASE 8inW, 8inF, Variable Ht w/CONBLOCK CDA RED F/n - 56" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) ADMIXTURE CONBLOCK CDA RED 1) HATCH (Alum.) - HALLIDAY W1S 36"x36" 1) 72" x 96" - Conseal CS-231 1.00" (Double) 1) 36" x 36" - Conseal CS-231 1.00" (Double) 3) PSX - 12M NYLO						100 lb 5746 lb 20223 lb 0 lb 0 lb 0 lb 78 lb 0 lb 0 lb 24 lb ----- 26171 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 5,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. HATCH SUPPLIED BY ICAST (HALLIDAY W1S 36"x36"). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - WALLS (As .12) #5 BARS AT 12" C.C.E.W. - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.			
Rim: 458.5' Rim to Invert: 3.25' Slack: -0.04" Sump: 24.96" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	455.25'	0°	44"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	0"	
Invert 2	455.25'	180°	33"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	-11"	
Invert 3	455.25'	180°	55"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	11"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

1ST POUR (FLOOR) = 6,598 LBS
2ND POUR (WALLS) = 13,607 LBS



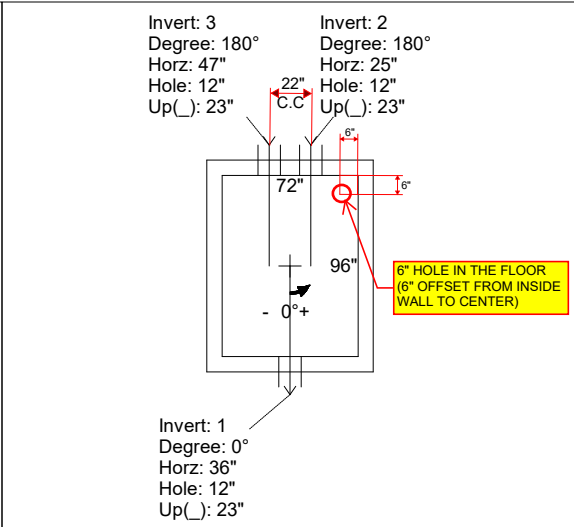
1ST POUR (FLOOR)
STUB #5 L BARS OUT
TOP FLOOR, SPA AT
12" C/C FOR
CONNECTING WALLS

RIGHT-SIDE UP VIEW (int. dimensions)



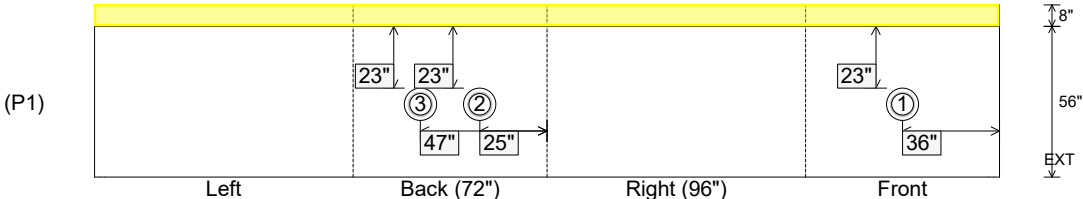
6" HOLE IN THE FLOOR
(6" OFFSET FROM INSIDE
WALL TO CENTER)

UPSIDE-DOWN VIEW (int. dimensions)



6" HOLE IN THE FLOOR
(6" OFFSET FROM INSIDE
WALL TO CENTER)

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 56" Height (Ext): 64"	Weight (Net): 20223 lb Volume (Net): 5.16cu.yd
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Job Name: 25-3195 - The Banks Lift Station and Forcemain

Job Location: Gallatin, TN

Contractor: W&O Construction

Plant: 100

5/28/2026 6:53:08 PM

Tech: Jared - F

PC: A. Chambers

Structure ID: VALVE VAULT

P1 BX7296-08W08F-VF-CDARED

BOX BASE 8inW, 8inF, Variable Ht w/CONBLOCK CDA RED F/n

P3) 36" x 36" - HATCH (CAST FLUSH) - 3"

P2) 72" x 96" - BX FLAT TOP 8"W w/36"x36" HATCH w/CONBLOCK CDA RED F/F - 8"

P1) 72" x 96" - BOX BASE 8inW, 8inF, Variable Ht w/CONBLOCK CDA RED F/n - 56"

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

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

1) ADMIXTURE CONBLOCK CDA RED

1) HATCH (Alum.) - HALLIDAY W1S 36"x36"

1) 72" x 96" - Conseal CS-231 1.00" (Double)

1) 36" x 36" - Conseal CS-231 1.00" (Double)

3) PSX - 12M NYLO

100 lb

5746 lb

20223 lb

0 lb

0 lb

0 lb

78 lb

0 lb

0 lb

24 lb

Structure Total: 26171 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 5,000 PSI AT 28 DAYS.

3. ADMIXTURE = CONBLOCK CDA RED.

4. HATCH SUPPLIED BY ICAST (HALLIDAY W1S 36"x36").

REINFORCING PER ASTM A615 (GRADE 60).

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

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

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

Rim: 458.5'

Rim to Invert: 3.25'

Slack: -0.04"

Sump: 24.96"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	455.25'	0°	44"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	0"
Invert 2	455.25'	180°	33"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	-11"
Invert 3	455.25'	180°	55"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	11"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

1ST POUR (FLOOR) = 6,598 LBS

2ND POUR (WALLS) = 13,607 LBS

Invert: 2
Degree: 180°
Horz: 25"
Hole: 12"
Up(): 23"

Invert: 3
Degree: 180°
Horz: 47"
Hole: 12"
Up(): 23"

Invert: 1
Degree: 0°
Horz: 36"
Hole: 12"
Up(): 23"

6" HOLE IN THE FLOOR
(6" OFFSET FROM INSIDE WALL TO CENTER)

Invert: 3
Degree: 180°
Horz: 47"
Hole: 12"
Up(): 23"

Invert: 2
Degree: 180°
Horz: 25"
Hole: 12"
Up(): 23"

Invert: 1
Degree: 0°
Horz: 36"
Hole: 12"
Up(): 23"

6" HOLE IN THE FLOOR
(6" OFFSET FROM INSIDE WALL TO CENTER)

INSIDE WALL DIMENSIONS

Left

Back (72")

Right (96")

Front

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 56"

Height (Ext): 64"

Weight (Net): 20223 lb

Volume (Net): 5.16cu.yd