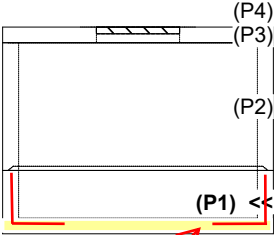


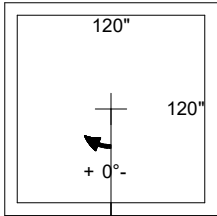
|                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------|------------|----------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--------|--|
| Job Name: 26-1735 - City Of Clarksville Vaults<br>Job Location: Clarksville, TN<br>Contractor: Clarksville Gas and Water                                                                                                                                                                                                                                                                                  |      |       |           |            | Plant: 100<br>8/11/2026 6:30:29 PM                                                                             |           | Tech: Jared - F<br>PC: A. Chambers                                                                                                                                                                                                                                                                                                             |           |  |        |  |
| Structure ID: QL2                                                                                                                                                                                                                                                                                                                                                                                         |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| P1 BX120120-08BAVF BOX BASE 8inW, 8inF, Variable Ht T/n                                                                                                                                                                                                                                                                                                                                                   |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| <p>P4) 42" x 72" - HATCH (CAST FLUSH) - 3.5"<br/>P3) 120" x 120" - BX FLAT LID 8inW w/2x 42"x72" HATCHES F/F - 8"<br/>P2) 120" x 120" - BOX RISER 8inW, Variable Ht F/G - 64"<br/>P1) 120" x 120" - BOX BASE 8inW, 8inF, Variable Ht T/n - 24"<br/>1) Conseal CS-102 1.00" (Double)<br/>2) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212<br/>2) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)<br/>1) Hole - 0</p> |      |       |           |            | <p>100 lb<br/>8355 lb<br/>21997 lb<br/>20665 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>-----<br/>51117 lb</p> |           | <p>Structure Notes: .<br/>1. PER ASTM C913 SPECIFICATIONS.<br/>2. CONCRETE = 4,000 PSI AT 28 DAYS.<br/>3. HATCH SUPPLIED BY OTHERS (2ea. HALLIDAY H2R 72"x42").<br/>REINFORCING PER ASTM A615 (GRADE 60).<br/>- TOP SLAB(As.12)#5 BARS AT 6" C.C.E.W.<br/>- WALLS(As.12) #5 BARS AT 8"C.C.E.W.<br/>- FLOOR (As .12) #5 BARS AT 8" C.C.E.W.</p> |           |                                                                                    |        |  |
| Rim: 8' Rim to Invert: 8' Slack: 0" Sump: 0" Step Position:                                                                                                                                                                                                                                                                                                                                               |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                                  | Elev | Angle | Ext. (cw) | Pipe       | Pipe OD                                                                                                        | Connector | Hole                                                                                                                                                                                                                                                                                                                                           | Horz Size | Up ( _ )                                                                           | Offset |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                  | 0'   | 0°    | 68"       | 0" No Hole | 0.01"                                                                                                          | Hole 0    | 0"                                                                                                                                                                                                                                                                                                                                             | 0"        | 0"                                                                                 | 0"     |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |           |            |                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                |           |                                                                                    |        |  |

FIRST POUR DRAWING



1ST POUR (FLOOR)  
WET STICK 24" X 20" #5 L-BARS  
@ 12" C.C.E.W. (GRADE 60) OUT  
TOP OF FLOOR FOR WALL POUR  
TIE-IN

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 1  
Degree: 0°  
Horz: 60"  
Hole: 0"  
Up( \_ ): 0"

UPSIDE-DOWN VIEW (int. dimenions)

WEIGHTS

FIRST POUR - 12,416 LBS

SECOND POUR - 8,249 LBS

TOTAL - 20,665 LBS

INSIDE WALL DIMENSIONS



EXT 24" 8"

|                                  |                                 |                                        |                                        |                                                   |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|---------------------------------------------------|
| Coating (Int):<br>Coating (Ext): | Seam Up: Tongue<br>Seam Dn: n/a | Wall Thickness: 8"<br>Floor Height: 8" | Height (Int): 24"<br>Height (Ext): 32" | Weight (Net): 20665 lb<br>Volume (Net): 5.28cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|---------------------------------------------------|

Job Name: 26-1735 - City Of Clarksville Vaults

Job Location: Clarksville, TN

Contractor: Clarksville Gas and Water

Plant: 100

8/11/2026 6:30:29 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: QL2

P1 BX120120-08BAVF

BOX BASE 8inW, 8inF, Variable Ht T/n

P4) 42" x 72" - HATCH (CAST FLUSH) - 3.5"

P3) 120" x 120" - BX FLAT LID 8inW w/2x 42"x72" HATCHES F/F - 8"

P2) 120" x 120" - BOX RISER 8inW, Variable Ht F/G - 64"

P1) 120" x 120" - BOX BASE 8inW, 8inF, Variable Ht T/n - 24"

1) Conseal CS-102 1.00" (Double)

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

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

1) Hole - 0

100 lb

8355 lb

21997 lb

20665 lb

0 lb

0 lb

0 lb

0 lb

51117 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. HATCH SUPPLIED BY OTHERS (2ea. HALLIDAY H2R 72"x42").

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB(As.12)#5 BARS AT 6" C.C.E.W.

- WALLS(As.12) #5 BARS AT 8"C.C.E.W.

- FLOOR (As .12) #5 BARS AT 8" C.C.E.W.

Rim: 8'

Rim to Invert: 8'

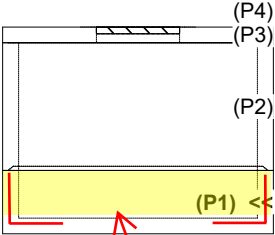
Slack: 0"

Sump: 0"

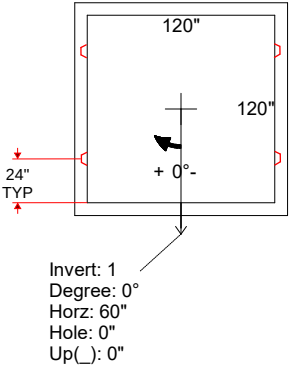
Step Position:

| Position | Elev | Angle | Ext. (cw) | Pipe       | Pipe OD | Connector | Hole | Horz Size | Up ( _ ) | Offset |
|----------|------|-------|-----------|------------|---------|-----------|------|-----------|----------|--------|
| Invert 1 | 0'   | 0°    | 68"       | 0" No Hole | 0.01"   | Hole 0    | 0"   | 0"        | 0"       | 0"     |
| Invert 2 |      |       |           |            |         |           |      |           |          |        |
| Invert 3 |      |       |           |            |         |           |      |           |          |        |
| Invert 4 |      |       |           |            |         |           |      |           |          |        |
| Invert 5 |      |       |           |            |         |           |      |           |          |        |
| Invert 6 |      |       |           |            |         |           |      |           |          |        |
| Invert 7 |      |       |           |            |         |           |      |           |          |        |
| Invert 8 |      |       |           |            |         |           |      |           |          |        |

SECOND POUR DRAWING



RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)

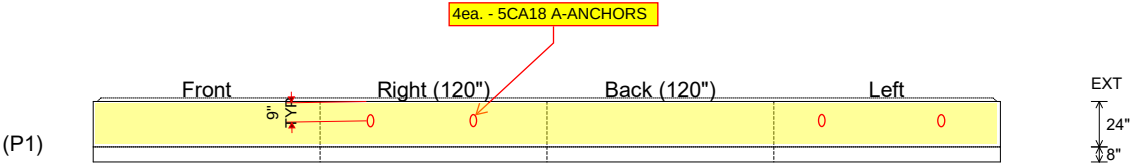
WEIGHTS

FIRST POUR - 12,416 LBS

SECOND POUR - 8,249 LBS

TOTAL - 20,665 LBS

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 24"

Height (Ext): 32"

Weight (Net): 20665 lb

Volume (Net): 5.28cu.yd