

Job Name: 25-4689 Water Tank Site Improvements
 Job Location: Crossville, TN
 Contractor: John T Hall Construction

Plant: 100

3/24/2026 2:44:10 PM

Tech: Jared- A

PC: Erica Bradley



Structure ID: 54689 (2)

P1 CVBS

BX Separate Base Slab

- P4) 60" x 72" - HATCH (CAST FLUSH) - 3"
- P3) 120" x 180" - BX FLAT LID 8"W w/60"x72" HATCH - 8"
- P2) 120" x 180" - BOX RISER 8inW, Variable Ht - 61"
- P1) 120" x 180" - BX Separate Base Slab - 14"
- 1) SECONDARY POUR - Walls
- 1) HATCH (Alum.) - HALLIDAY S2S 72"x60"
- 2) 120" x 180" - Conseal CS-231 1.00" (Double)

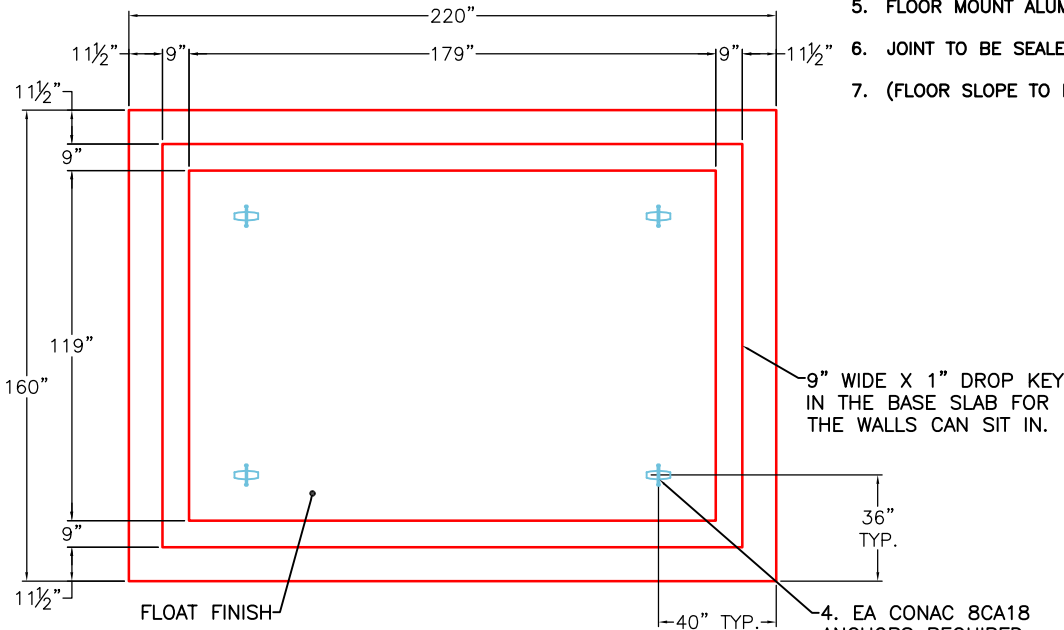
- 100 lb
 14994 lb
 25456 lb
 41351 lb
 0 lb
 225 lb
 0 lb

 Structure Total: 82126 lb
- Structure Notes:**
1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
 2. CONCRETE: 5,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615 (GRADE 60)
 TOP SLAB: #6 BAR @ 9" C-C E.W. DBL MAT
 WALLS: #5 BAR @ 8" C-C E.W.
 BASE SLAB: #5 BAR @ 12" C-C E.W. DBL MAT
 4. HATCH: HALLIDAY S2S 60" X 72" PROVIDED BY ICAST
 5. LADDER SUPPLIED BY ICAST.

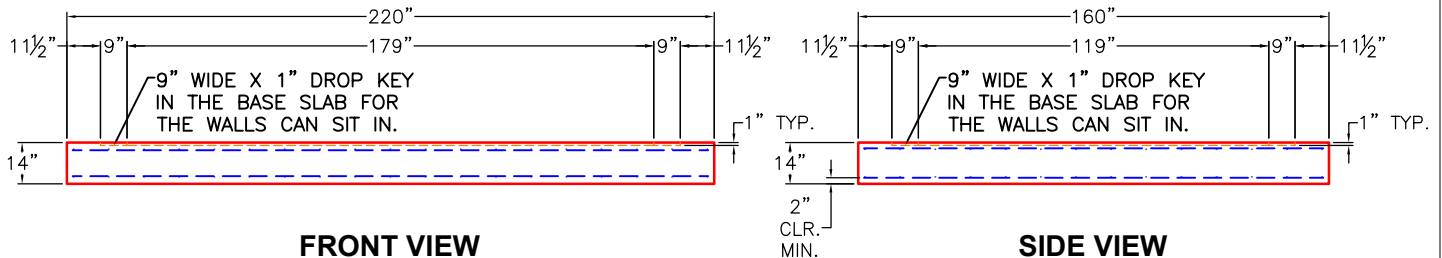
Rim: 5.67' Rim to Invert: 0' Slack: 0.04" Sump: 68.04" Step Position:

GENERAL NOTES:

1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):
 - BASE SLAB: #5 BAR @ 12" C.C. E.W. (GRADE 60) DBL. MAT
4. WEIGHT: 14" BASE SLAB - 41,351 LBS
5. FLOOR MOUNT ALUMINUM LADDER REQ'D. (SUPPLIED BY ICAST).
6. JOINT TO BE SEALED WITH CS-231 1" BUTYL DOUBLE
7. (FLOOR SLOPE TO DRAIN BY OTHERS)



PLAN VIEW



FRONT VIEW

SIDE VIEW

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 14"	Height (Int): 0" Height (Ext): 0"	Weight (Net): 41351 lb Volume (Net): 10.56cu.yd
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Job Name: 25-4689 Water Tank Site Improvements
 Job Location: Crossville, TN
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Plant: 100

3/24/2026 2:45:02 PM

Tech: Jared- A

PC: Erica Bradley



Structure ID: 54689 (2)

P2 BX120180-08RSVF

BOX RISER 8inW, Variable Ht

- P4) 60" x 72" - HATCH (CAST FLUSH) - 3"
- P3) 120" x 180" - BX FLAT LID 8"W w/60"x72" HATCH - 8"
- P2) 120" x 180" - BOX RISER 8inW, Variable Ht - 61"
- P1) 120" x 180" - BX Separate Base Slab - 14"
- 1) SECONDARY POUR - Walls
- 1) HATCH (Alum.) - HALLIDAY S2S 72"x60"
- 2) 120" x 180" - Conseal CS-231 1.00" (Double)

100 lb
 14994 lb
 25456 lb
 41351 lb
 0 lb
 225 lb
 0 lb

 Structure Total: 82126 lb

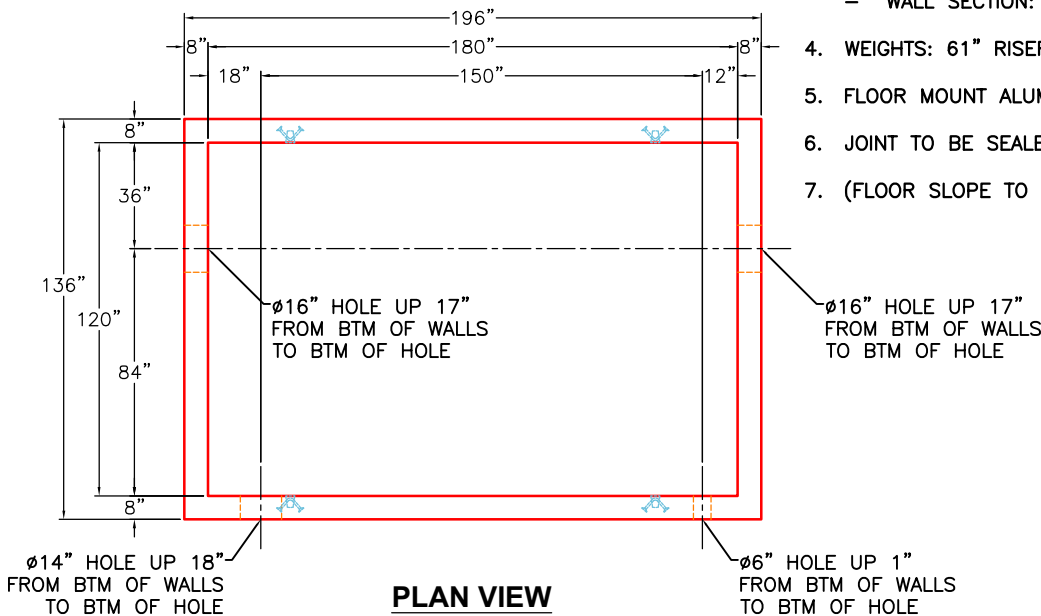
Structure Notes:

1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615 (GRADE 60)
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 WALLS: #5 BAR @ 8" C-C E.W.
 BASE SLAB: #5 BAR @ 12" C-C E.W. DBL MAT
4. HATCH: HALLIDAY S2S 60" X 72" PROVIDED BY ICAST
5. LADDER SUPPLIED BY ICAST.

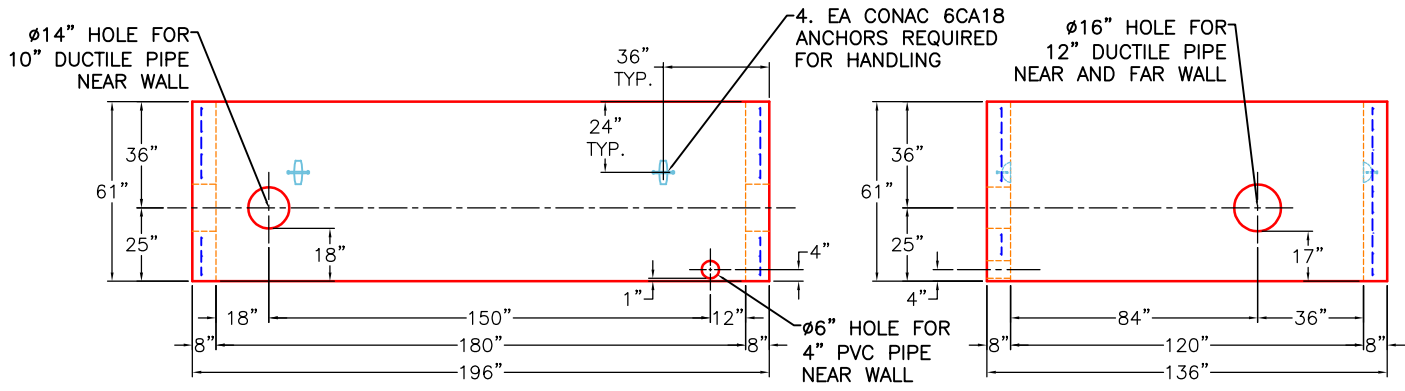
Rim: 5.67' Rim to Invert: 0' Slack: 0.04" Sump: 68.04" Step Position:

GENERAL NOTES:

1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT – 2" MIN. REBAR CLEARANCE (TYP):
 – WALL SECTION: #5 BAR @ 8" C.C. E.W. (GRADE 60)
4. WEIGHTS: 61" RISER SECTION – 25,456 LBS
5. FLOOR MOUNT ALUMINUM LADDER REQ'D. (SUPPLIED BY ICAST).
6. JOINT TO BE SEALED WITH CS-231 1" BUTYL DOUBLE
7. (FLOOR SLOPE TO DRAIN BY OTHERS)



PLAN VIEW



FRONT VIEW

SIDE VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"
 Floor Height: 0"

Height (Int): 60"
 Height (Ext): 60"

Weight (Net): 25456 lb
 Volume (Net): 6.5cu.yd

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 3/24/2026 2:45:20 PM

Tech: Jared- A
 PC: Erica Bradley



Structure ID: 54689 (2)

P3 BX120180-08LD08SP

BX FLAT LID 8"W w/60"x72" HATCH

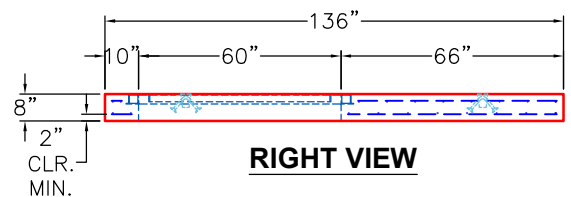
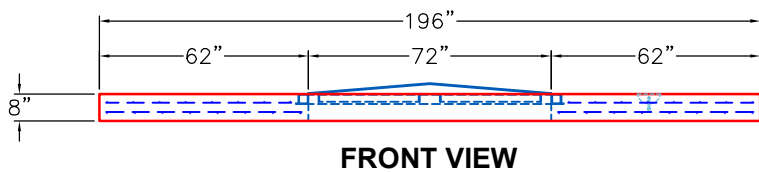
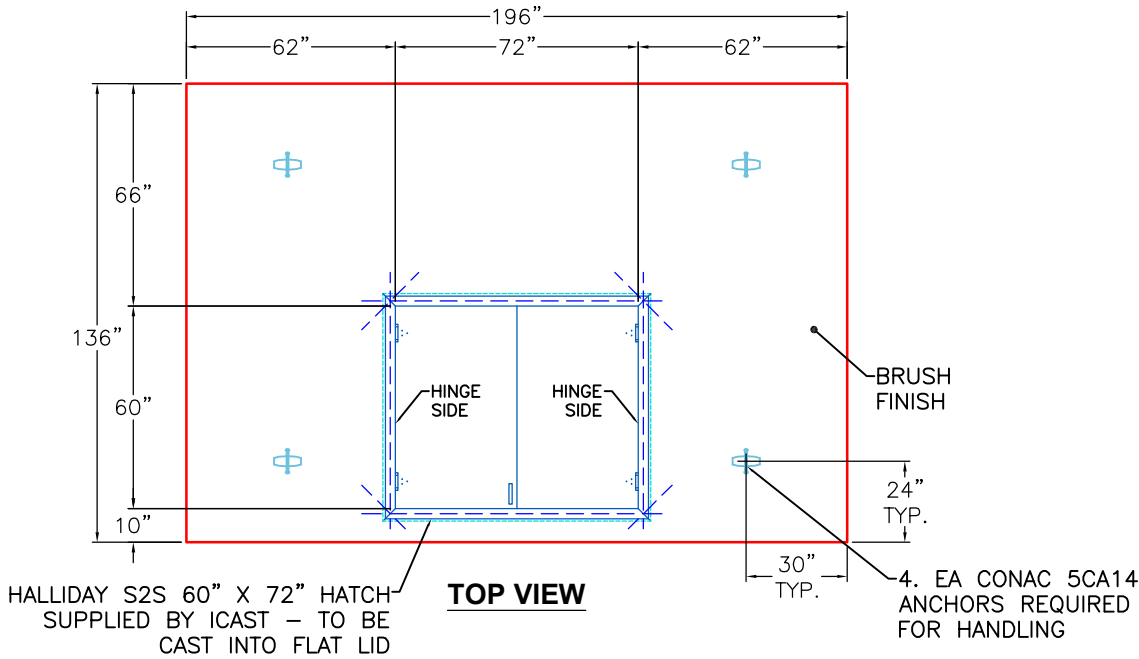
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- P3) 120" x 180" - BX FLAT LID 8"W w/60"x72" HATCH - 8"
- P2) 120" x 180" - BOX RISER 8inW, Variable Ht - 61"
- P1) 120" x 180" - BX Separate Base Slab - 14"
- 1) SECONDARY POUR - Walls
- 1) HATCH (Alum.) - HALLIDAY S2S 72"x60"
- 2) 120" x 180" - Conseal CS-231 1.00" (Double)

	100 lb
	14994 lb
	25456 lb
	41351 lb
	0 lb
	225 lb
	0 lb
Structure Total:	82126 lb

- Structure Notes:**
1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
 2. CONCRETE: 5,000 PSI AT 28 DAYS
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 BASE SLAB: #5 BAR @ 12" C-C E.W. DBL MAT
 4. HATCH: HALLIDAY S2S 60" X 72" PROVIDED BY ICAST
 5. LADDER SUPPLIED BY ICAST.

GENERAL NOTES:

1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):
 - TOP SLAB: #6 BAR @ 9" C.C. E.W. (GRADE 60) DBL. MAT
4. WEIGHTS: 8" TOP SLAB - 14,994 LBS
5. HALLIDAY S2S 60" X 72" HATCH SUPPLIED BY ICAST TO BE CAST INTO FLAT LID
6. JOINT TO BE SEALED WITH CS-231 1" BUTYL DOUBLE



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 8"	Weight (Net): 14994 lb Volume (Net): 3.83cu.yd
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