

Job Name: 25-1664 Springfield WWTP  
 Job Location: Springfield, TN  
 Contractor: Smith Contractors, Inc.

Plant: Beaver Dam

12/17/2025 2:35:13 PM

Tech: J. Coppage

PC: C. Goff



**Structure ID: AD-1 0+00**

**P1 BX2436-08BVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P2) 24" x 36" - CASTING HEIGHT - 4"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 32"
- 1) CASTING - JBS 4254 F/G
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 26"

- Structure Notes:**
1. JBS-4254 PROVIDED BY ICAST.
  2. PER ASTM C913 SPECIFICATIONS.
  3. CONCRETE = 4,000 PSI AT 28 DAYS.
  4. REINFORCING PER ASTM A615 (GRADE 60).
    - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
    - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

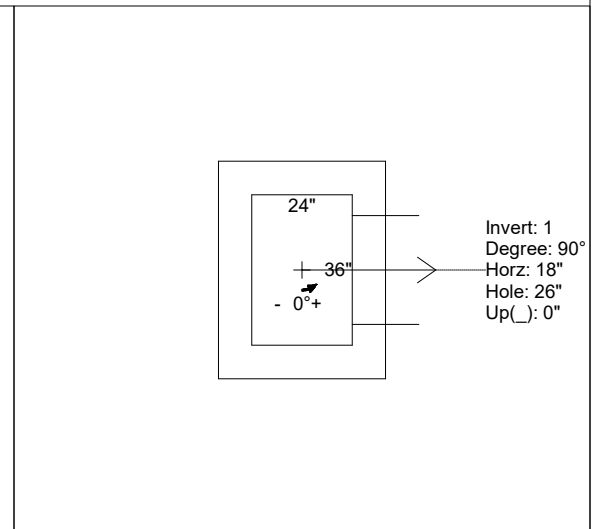
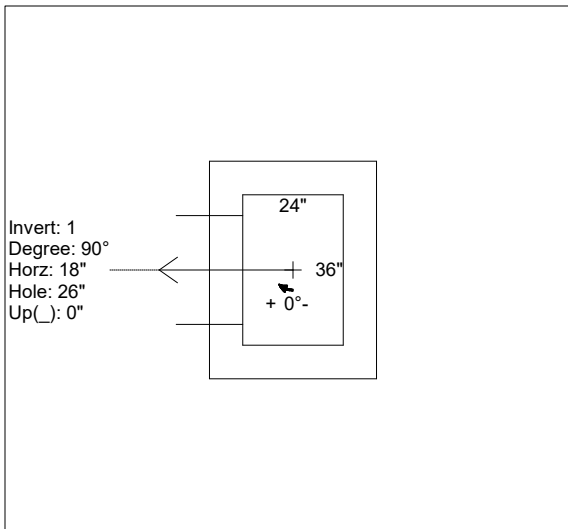
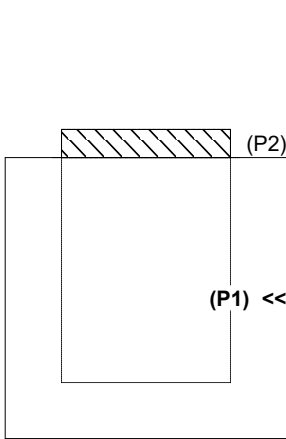
Structure Total: 4805 lb

Rim: 524.75' Rim to Invert: 2.86' Slack: 0.82' Sump: 2.5' Step Position: 270°

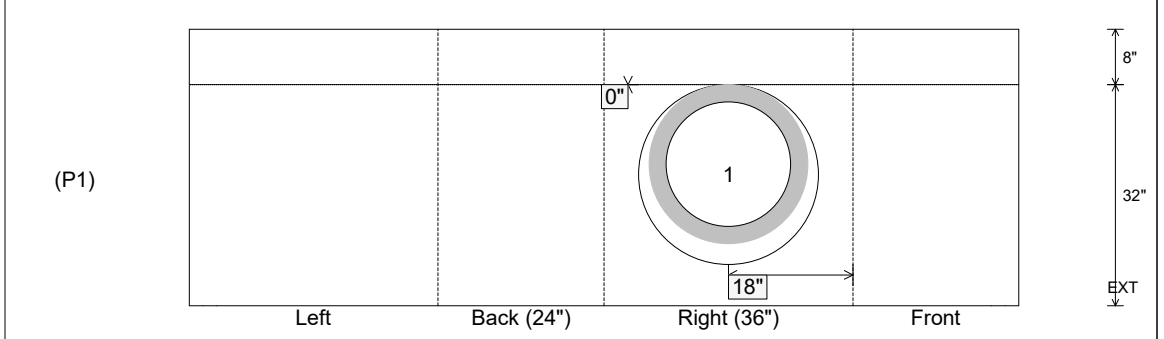
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	521.89'	90°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 32"  
 Height (Ext): 40"

Weight (Net): 4305 lb  
 Volume (Net): 1.1cu.yd