

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

Plant: Beaver Dam

Tech: J. Coppage

3/16/2026 11:58:10 AM

PC: C. Goff



**Structure ID: 48IN X 48IN FILTER UV VV**

**P1 BX4848-08BAVFX**

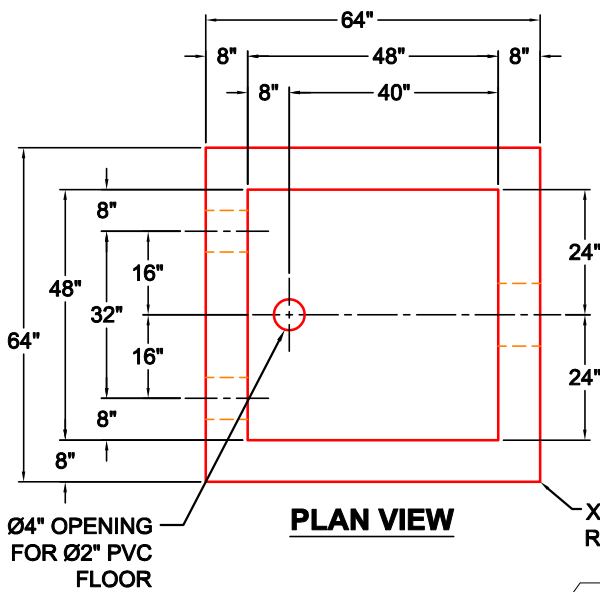
**BOX BASE 8inW, 8inF, Variable Ht.-Xypex**

- P3) 30" x 36" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 48" - CB FLAT TOP 8"W w/30"x36" HATCH-XYPEX - 8"
- P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht.-Xypex - 49"
- 1) 48" x 48" - Conseal CS-102 1.00"
- 1) PSX - 12-06 NYLO
- 2) PSX - 8QRS-S NYLO
- 1) Hole - 4

- Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
  - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
  - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

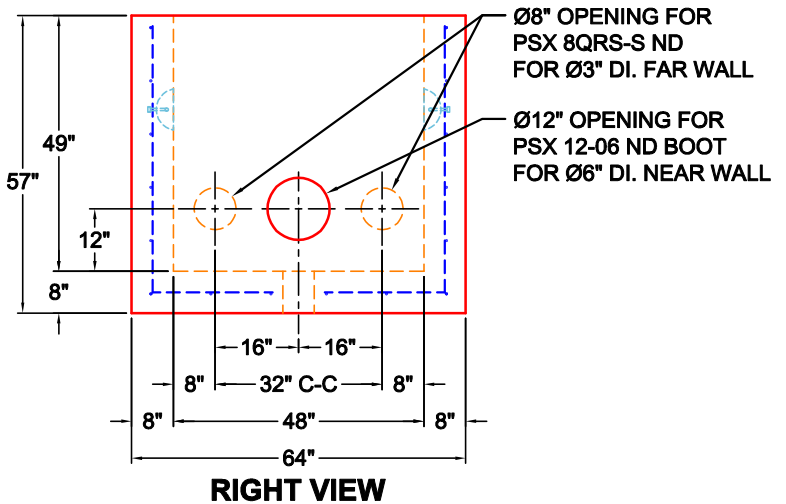
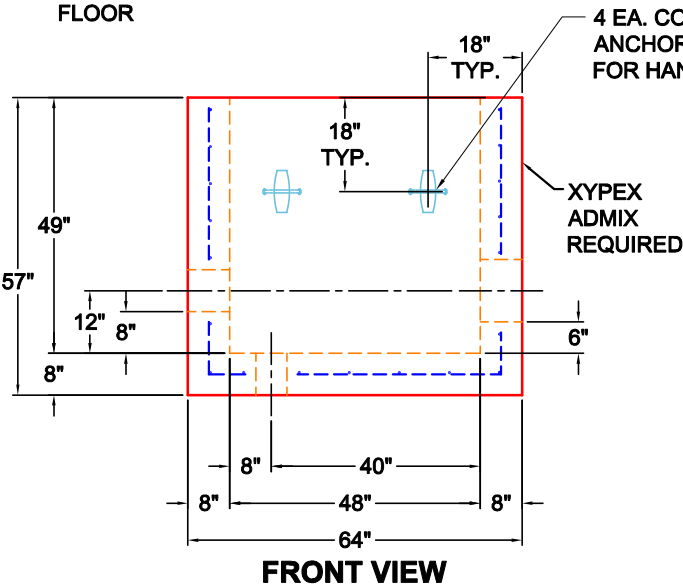
Structure Total: 12112 lb

Rim: 4.75' Rim to Invert: 4.75' Slack: 0" Sump: 0" Step Position:



**GENERAL NOTES:**

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. XYPEX ADMIXTURE REQUIRED.
4. REINFORCING: #5 BAR @ 12" C-C E.W. PER ASTM A615 (GRADE 60).
5. WEIGHT:  
BASE SECTION = 9,966 LBS
6. VAULT JOINT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST)
7. ICAST TO PROVIDE 2X PSX 8QRS-S ND BOOTS FOR Ø3" DUCTILE PIPE AND 1X PSX 12-06 ND BOOT FOR Ø6" DUCTILE PIPE.



Coating (Int):  
Coating (Ext):

Seam Up: Flat  
Seam Dn: n/a

Wall Thickness: 8"  
Floor Height: 8"

Height (Int): 49"  
Height (Ext): 57"

Weight (Net): 9966 lb  
Volume (Net): 2.55cu.yd