

Job Name: 25-3538 - Pump Station Retrofit (Thompson Station)
Job Location: Thompson's Station, TN
Contractor: Covenant Constructors, LLC

PC: A. Chambers

TECH: K. Cardwell

Plant: Beaver Dam, KY



Structure ID: **V V Sump Pit**

Spec: Storm
 Type: BX 6inW, 6inF
 Size: 18" x 18"

Rim: 1.5'
 Invert: 0'
 Rim to Invert: 1.5'

Sump: 0"
 Floor (Top): 0'
 Floor Height: 6"

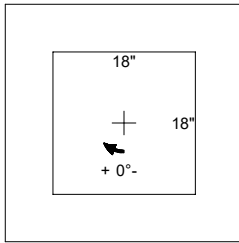
Floor (Bot): -0.5'
 Overall Height: 2'
 Slack: 0"

Structure Notes:

- SUMP PIT FOR STRUCTURE V V
- 1. PER ASTM C-913 SPECIFICATIONS
- 2. CONCRETE: 5,000 PSI AT 28 DAYS
- 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60)
- 4. NO OPENINGS
- 5. NO CASTING

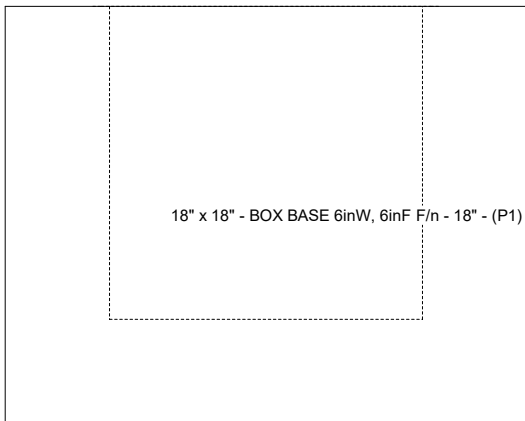
STRUCTURE SUMMARY:

| | |
|---|----------------|
| P1) 18" x 18" - BOX BASE 6inW, 6inF F/n - 18" | 1323 lb |
| 1) 18" x 18" - Conseal CS-102 1.00" | 0 lb |
| 1) No Hole | 0 lb |
| | ----- |
| Structure Total: | 1323 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|------|-------|---------|---------|------|-----------|--------|-----|
| Rim | 1.5' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | | | No Hole | | | | | |
| Invert 2 | | | | | | | | |
| Invert 3 | | | | | | | | |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 1/16/2026 8:47:44 AM

SUBMITTAL
 APPROVED BY: