Job Name: 25-2612 - Concord Elementary School Addition
Job Location: Paducah
Contractor: Ainsworth Land Development, LLC

Plant: Beaver Dam
1/26/2026 2:29:07 PM

Tech: J. Horsley
PC: E. Bradley

## Structure ID: ST-30

**P1 BX2424-08BAVF** **BOX BASE 8inW, 8inF, Variable Ht F/n**

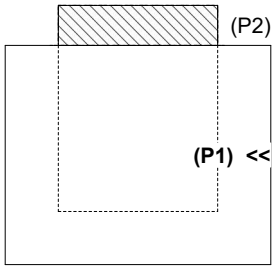
| | |
|---|---|
| P2) 24" x 24" - CASTING HEIGHT - 6" | 0 lb |
| P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 25" | 3054 lb |
| 1) CASTING - HOE 342 F/G | 250 lb |
| 1) 24" x 24" - Conseal CS-102 1.00" | 0 lb |
| 1) Hole - 16 | 0 lb |
| 1) Hole - 8 | 0 lb |
| Structure Total: | 3304 lb |

Structure Notes:
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. NO STORM INVERT
5. NO STEPS
6. HOE 342 FRAME & GRATE SUPPLIED BY ICAST

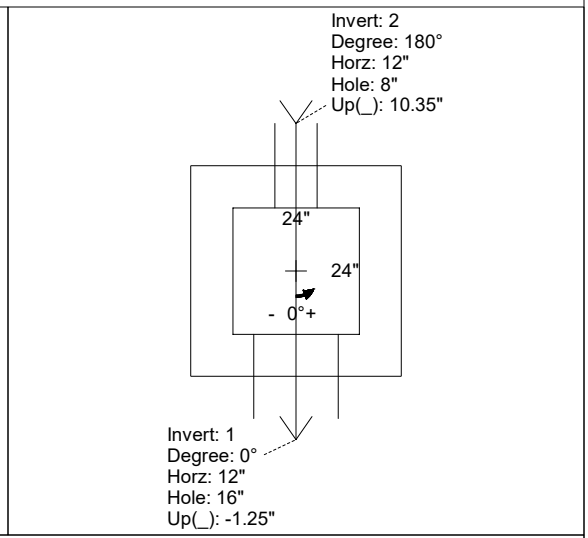
Rim: 398.75' Rim to Invert: 2.65' Slack: 0.8" Sump: 0" Step Position:

| Position | Elev | Angle | Ext. (cw) | Pipe | Pipe OD | Connector | Hole | Horz Size | Up (_) | Offset |
|---|---|---|---|---|---|---|---|---|---|---|
| Invert 1 | 396.1' | 0° | 20" | 12" HDPE | 14.5" | Hole 16 | 16" | 16" | -1.25" | 0" |
| Invert 2 | 397' | 180° | 20" | 6" HDPE (perf pipe) | 6.9" | Hole 8 | 8" | 8" | 10.35" | 0" |
| Invert 3 | | | | | | | | | | |
| Invert 4 | | | | | | | | | | |
| Invert 5 | | | | | | | | | | |
| Invert 6 | | | | | | | | | | |
| Invert 7 | | | | | | | | | | |
| Invert 8 | | | | | | | | | | |

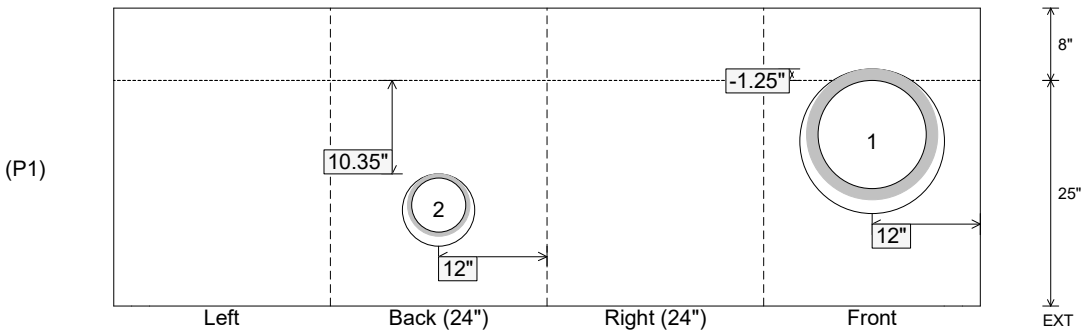
RIGHT-SIDE UP VIEW (int. dimensions)




UPSIDE-DOWN VIEW (int. dimenions)




INSIDE WALL DIMENSIONS




| | | | | |
|---|---|---|---|---|
| Coating (Int):<br>Coating (Ext): | Seam Up: Flat<br>Seam Dn: n/a | Wall Thickness: 8"<br>Floor Height: 8" | Height (Int): 25"<br>Height (Ext): 33" | Weight (Net): 3054 lb<br>Volume (Net): 0.78cu.yd |