

Job Name: 24-3462 Coles Ferry Section 20
 Job Location: Lebanon, TN
 Contractor: Covenant Constructors, LLC

Plant: Beaver Dam, KY
 2/23/2026 3:38:16 PM

Tech: J. Horsley
 PC: A. Chambers



Structure ID: CB4

P1 BX28280606VH

BOX BASE 6inW, 6inF, Variable Ht F/n

- P2) 28" x 28" - CASTING HEIGHT - 6"
- P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 41"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 28" x 28" - Conseal CS-102 1.00"
- 1) Hole - 26
- 2) Hole - 22

0 lb
 2963 lb
 500 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 3463 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 3101 F/G/H)

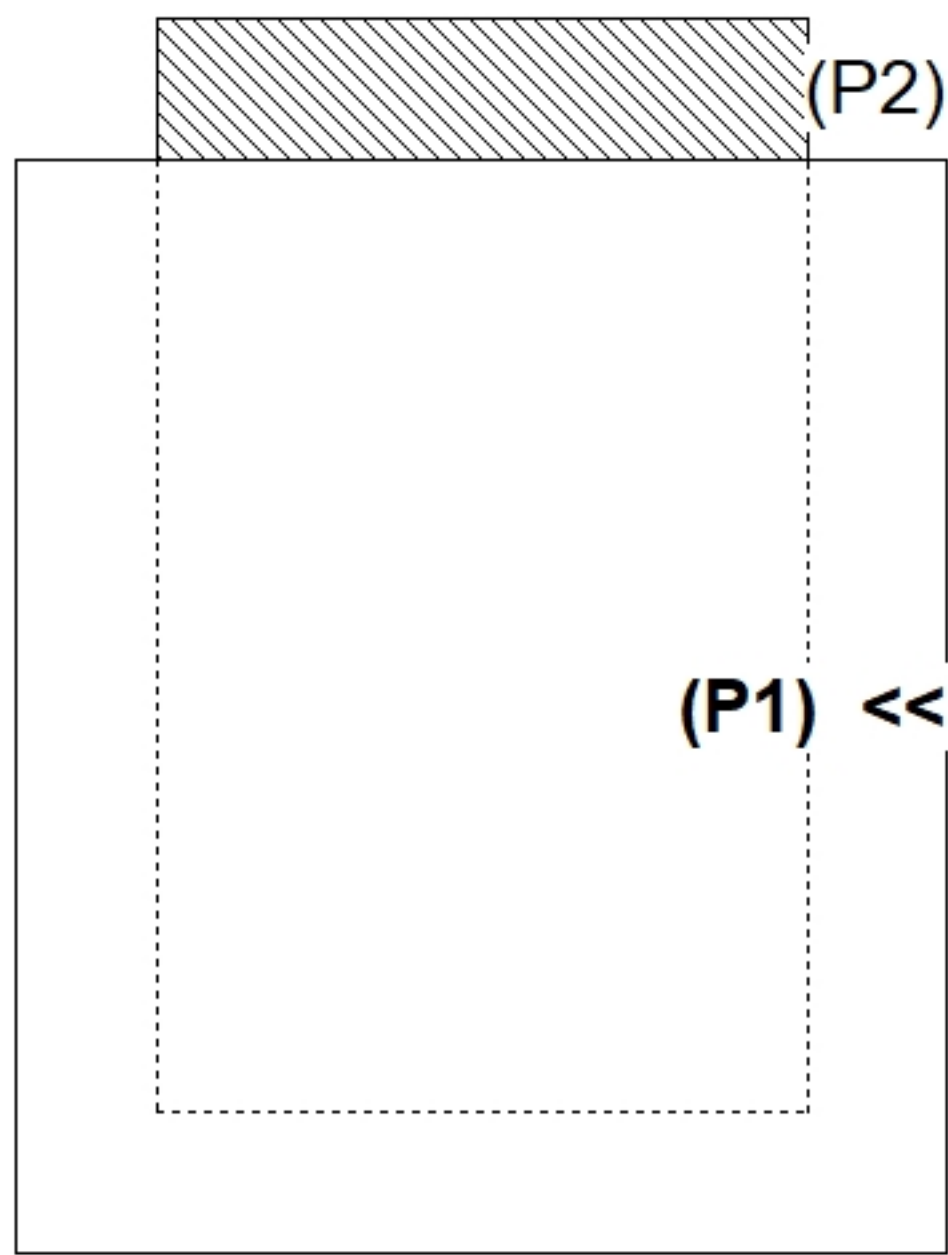
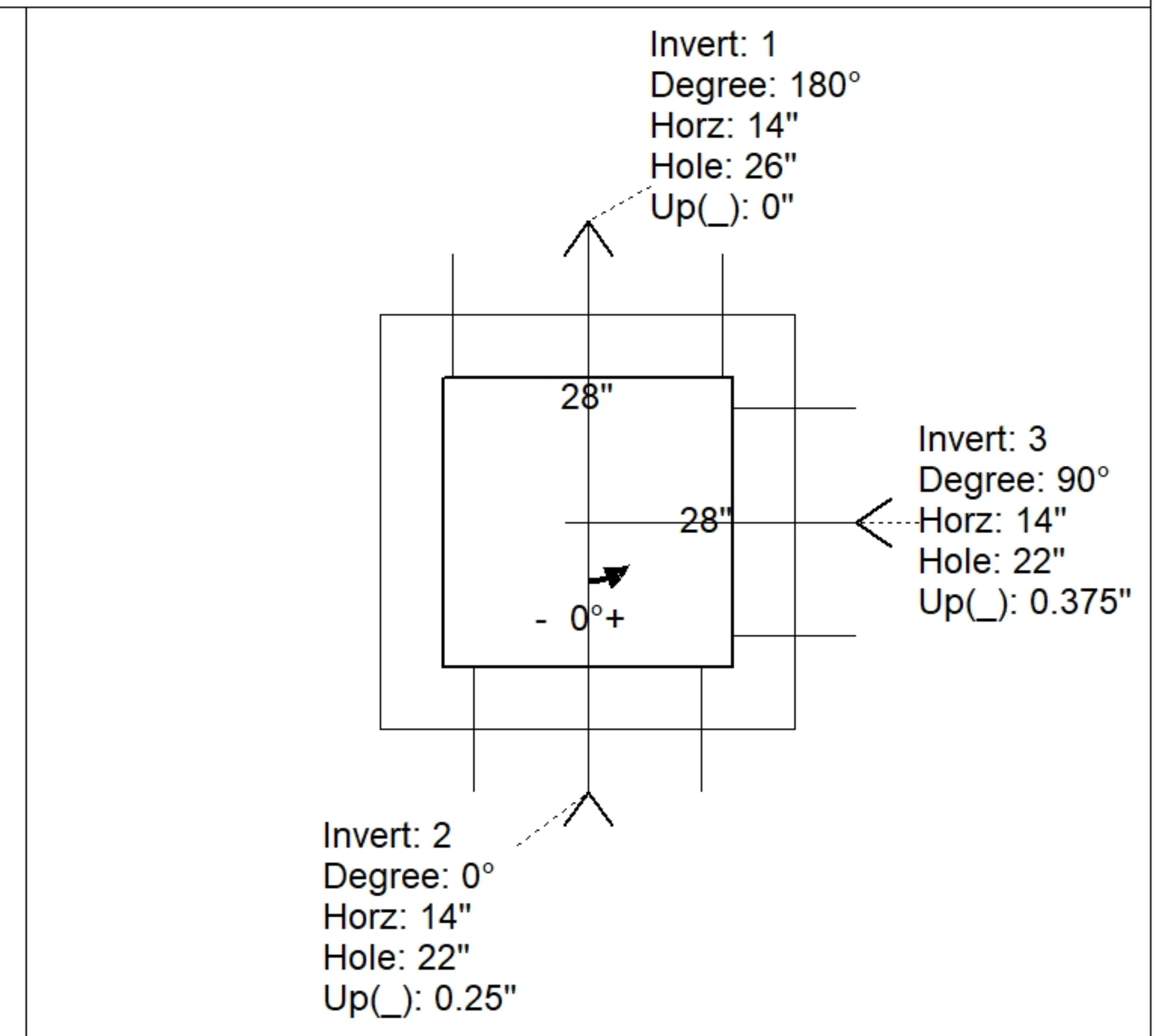
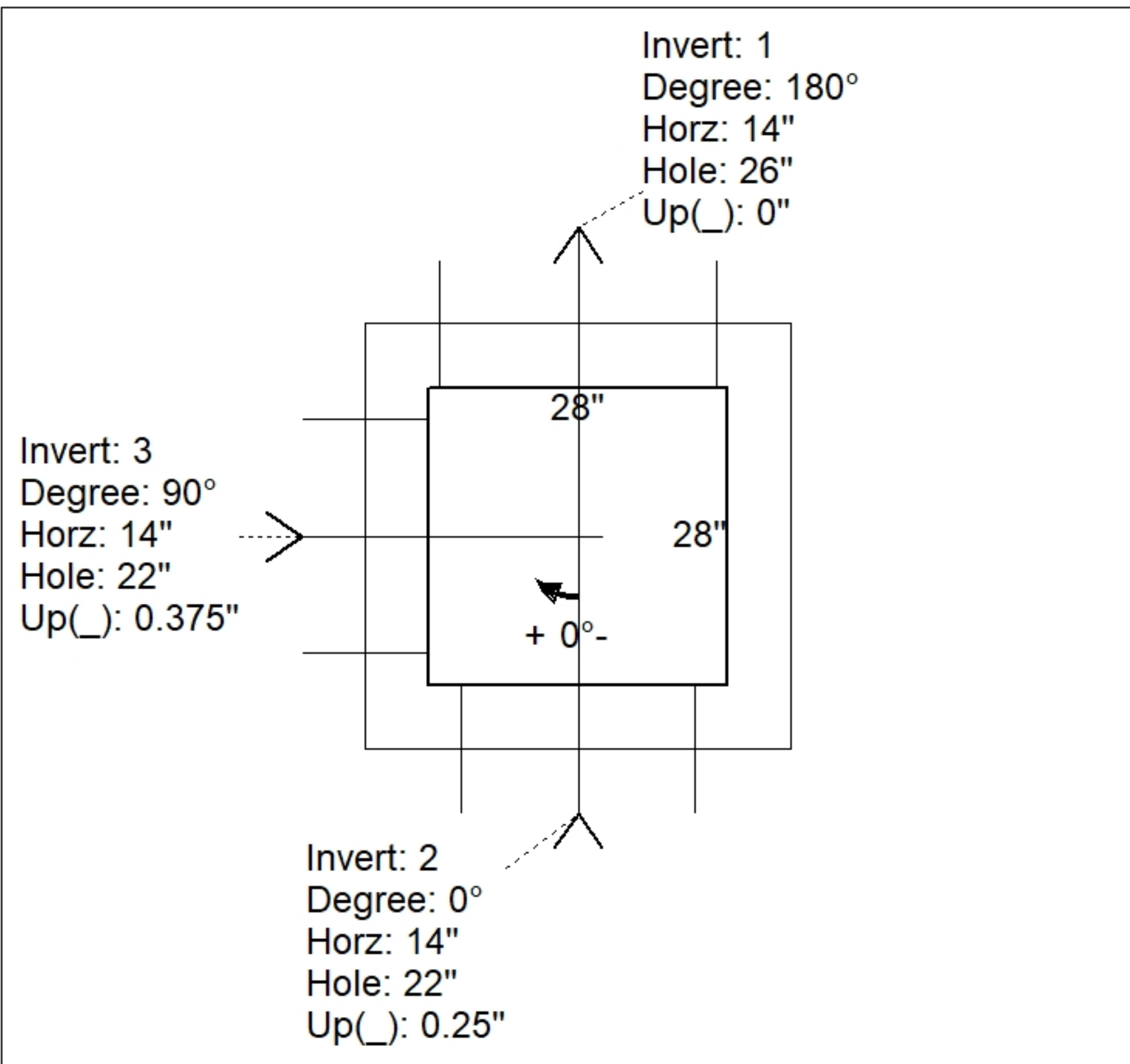
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 555.53' Rim to Invert: 3.75' Slack: 0.496" Sump: 2.496" Step Position:

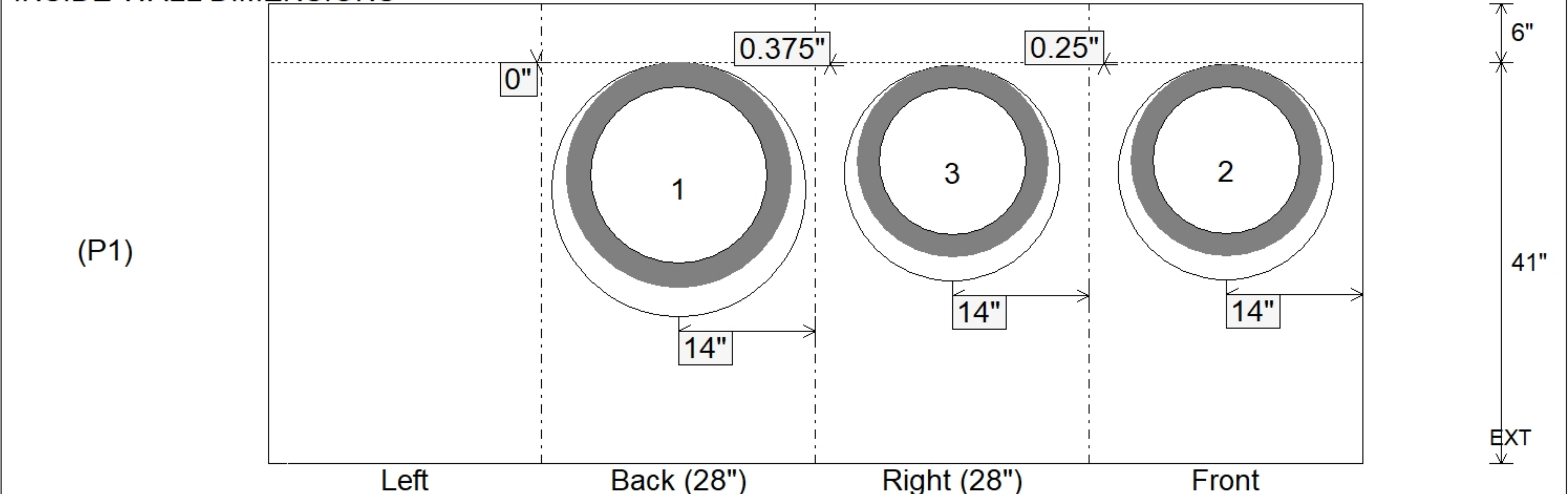
| Position | Elev | Angle | Ext. (cw) | Pipe | Pipe OD | Connector | Hole | Horz Size | Up () | Offset |
|----------|---------|-------|-----------|----------------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 551.78' | 180° | 20" | 18" RCP B WALL | 23" | Hole 26 | 26" | 26" | 0" | 0" |
| Invert 2 | 551.78' | 0° | 20" | 15" RCP B WALL | 19.5" | Hole 22 | 22" | 22" | 0.25" | 0" |
| Invert 3 | 551.79' | 90° | 20" | 15" RCP B WALL | 19.5" | Hole 22 | 22" | 22" | 0.375" | 0" |
| 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: 6"
 Floor Height: 6"

Height (Int): 41"
 Height (Ext): 47"

Weight (Net): 2963 lb
 Volume (Net): 0.76cu.yd