

Job Name: 25-2801 St. Joseph's Children's Home Improvements  
 Job Location: Louisville, KY  
 Contractor: E-Z Construction Co. Inc.

Plant: 100

11/25/2025 2:28:29 PM

Tech: J. Horsley - A

PC: Jay Ross Jarvis



**Structure ID: YD-D4**

**P1 BX2424-08BA24**

**BOX BASE 8inW, 8inF F/n**

- P2) 24" x 24" - CASTING HEIGHT - 4"
- P1) 24" x 24" - BOX BASE 8inW, 8inF F/n - 24"
- 1) CASTING - HOE 280T F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 2) Hole - 16
- 1) Hole - 8

0 lb  
 2783 lb  
 182 lb  
 0 lb  
 0 lb  
 0 lb

Structure Total: 2965 lb

**Structure Notes:**

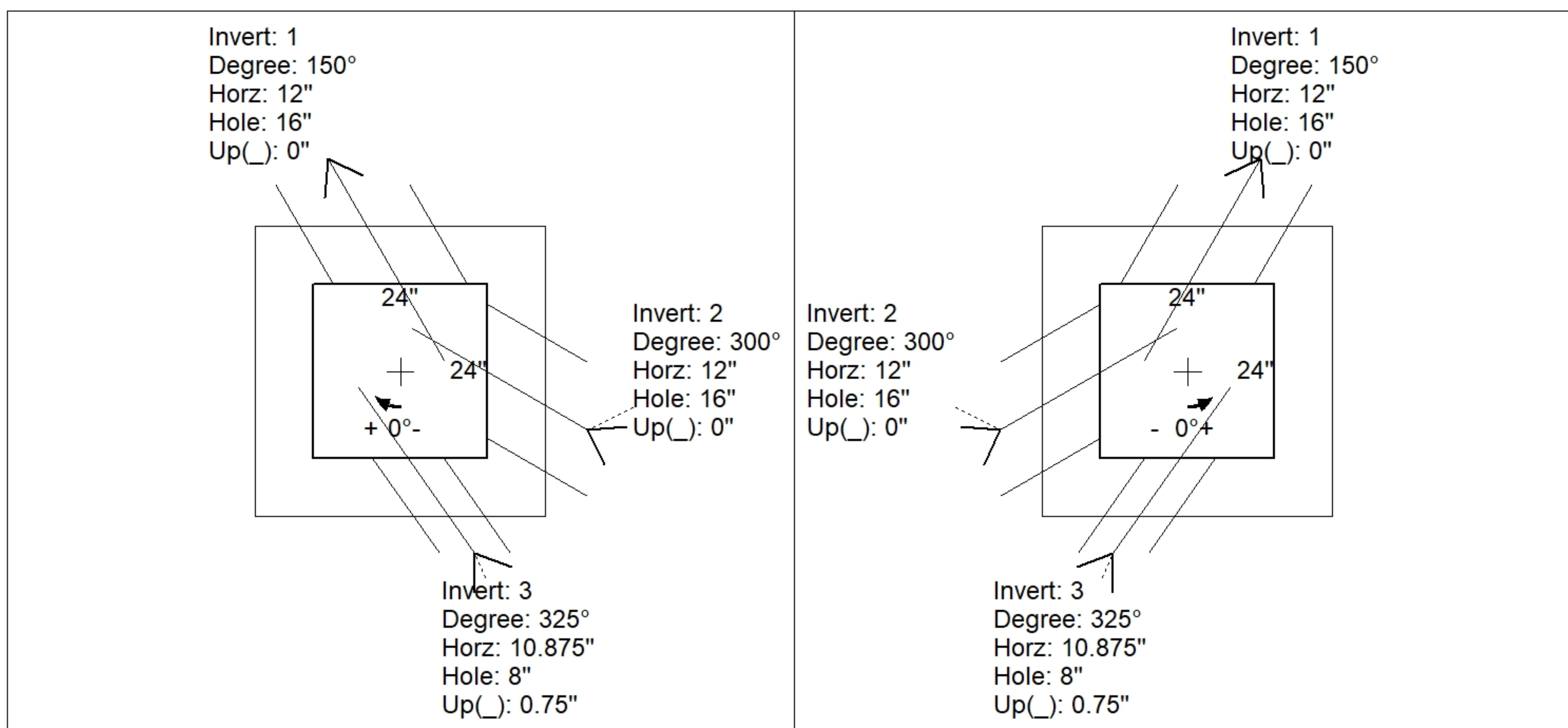
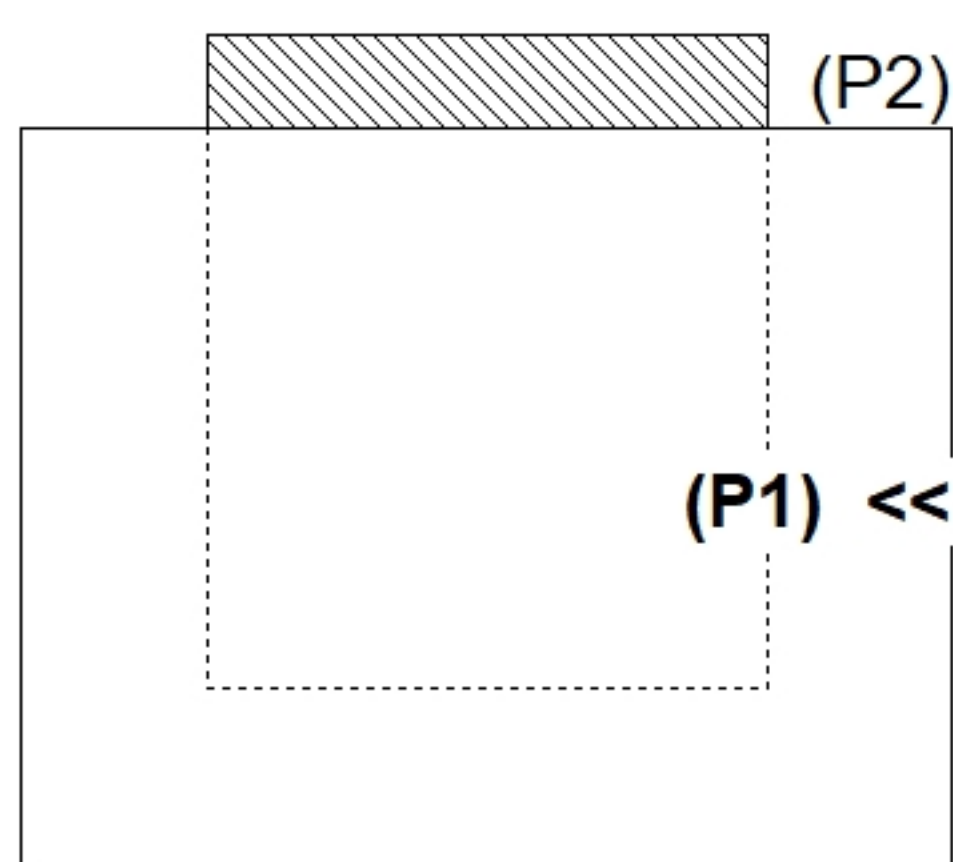
1. HOE 280T F/G PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60)
  - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
  - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 535.68' Rim to Invert: 2.3' Slack: 0.85" Sump: 1.25" Step Position:

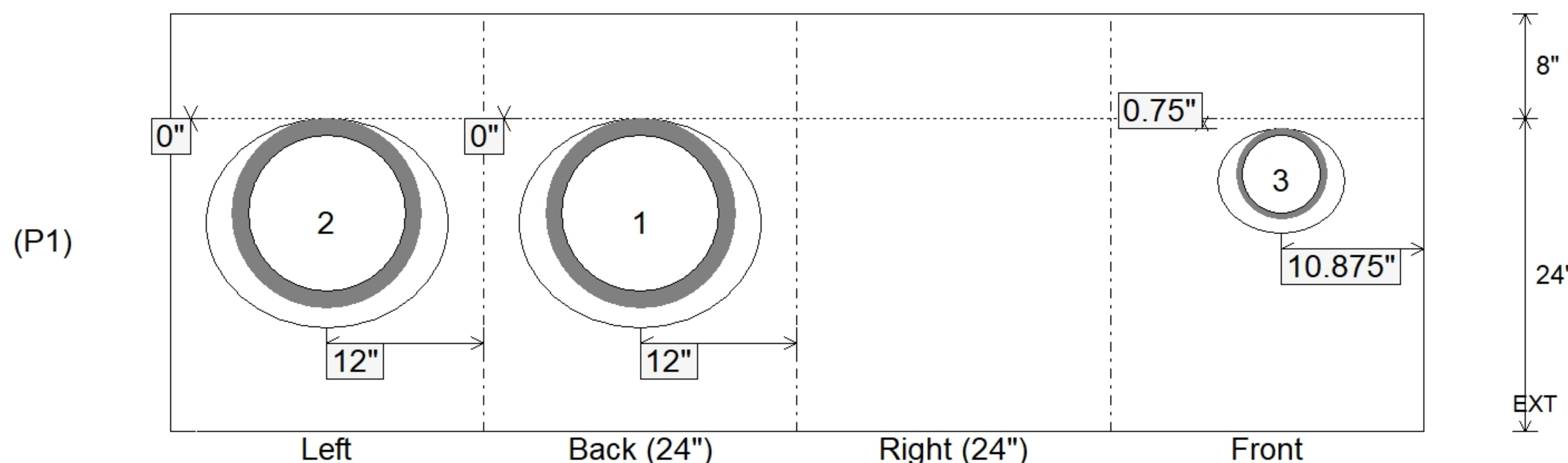
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	533.38'	150°	15.375"	12" HDPE	14.5"	Hole 16	16"	18.475"	0"	6"
Invert 2	533.38'	300°	24.625"	12" HDPE	14.5"	Hole 16	16"	18.475"	0"	-6"
Invert 3	533.38'	325°	13.375"	6" HDPE	6.9"	Hole 8	8"	9.766"	0.75"	6"
Invert 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): 24"  
 Height (Ext): 32"

Weight (Net): 2783 lb  
 Volume (Net): 0.71cu.yd