

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

PC: Jay Ross Jarvis  
 TECH: J. Horsley - A  
 Plant: 100



Structure ID: YD-D6  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 24"

Rim: 536.11'  
 Invert: 534.21'  
 Rim to Invert: 1.9'

Sump: 1.25"  
 Floor (Top): 534.106'  
 Floor Height: 8"

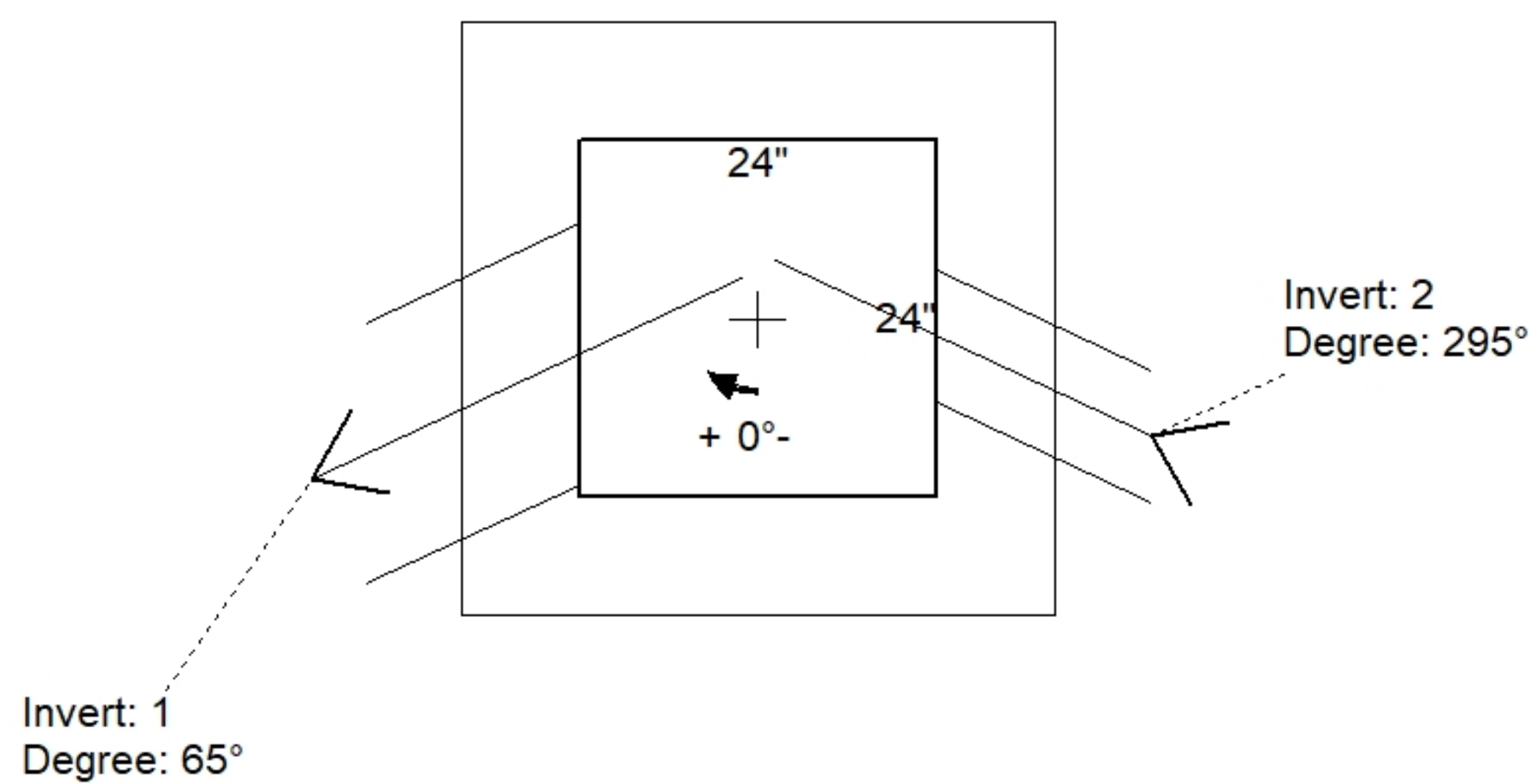
Floor (Bot): 533.439'  
 Overall Height: 2.667'  
 Slack: 0.05"

**Structure Notes:**

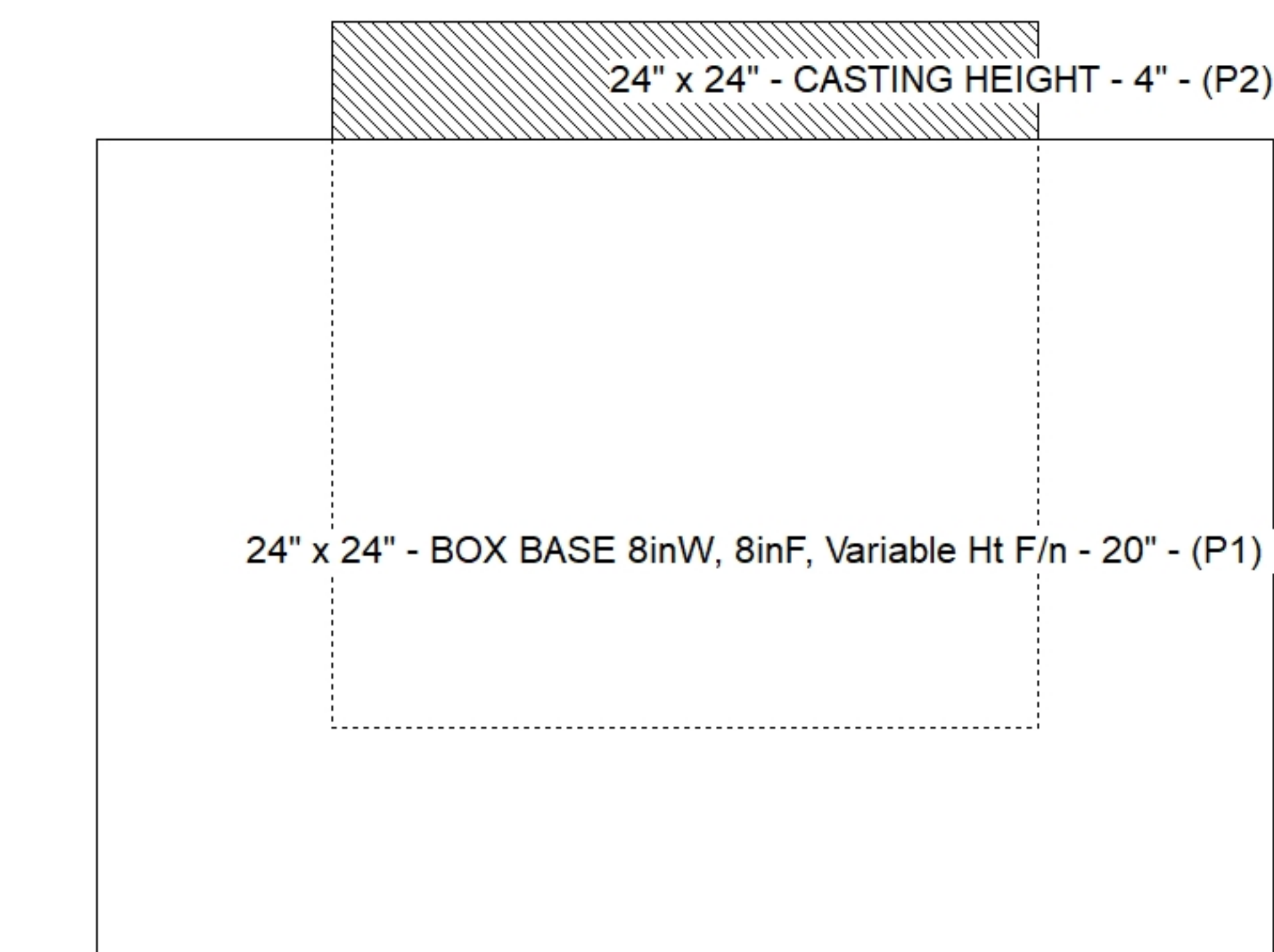
1. HOE 280T F/G PROVIDED BY ICAST
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

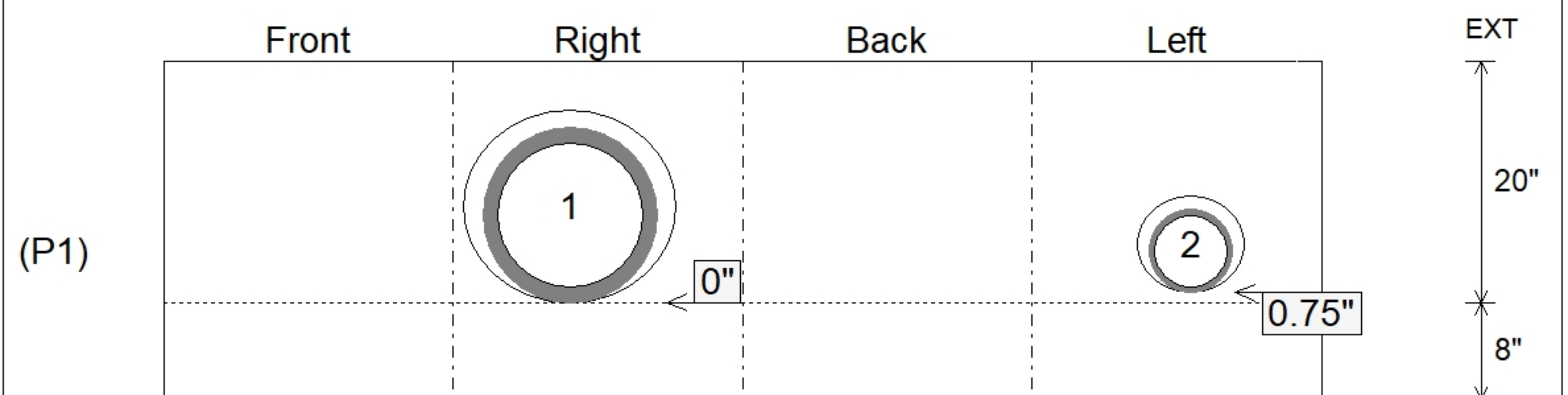
P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 20"	2606 lb
1) CASTING - HOE 280T F/G	182 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 16	0 lb
1) Hole - 8	0 lb
<b>Structure Total:</b>	<b>2788 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	536.11'							
Reducer								
Invert 1	534.21'	65°	12" HDPE	14.5"	16"	Hole 16	0"	P1
Invert 2	534.21'	295°	6" HDPE	6.9"	8"	Hole 8	0.75"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 11/25/2025 2:28:16 PM

SUBMITTAL  
 APPROVED BY: