

**Job Name: 25-3459 Raceland MOB**  
**Job Location: Raceland, KY**  
**Contractor: Allard Excavation, LLC.**

PC: Erica Bradley  
 TECH: J. Horsley-A  
 Plant: 100



Structure ID: 110  
 Spec: Storm  
 Type: Outlet Control Structure  
 Size: 24" x 30"

Rim: 581.59'  
 Invert: 577.5'  
 Rim to Invert: 4.09'

Sump: 24"  
 Floor (Top): 575.5'  
 Floor Height: 8"

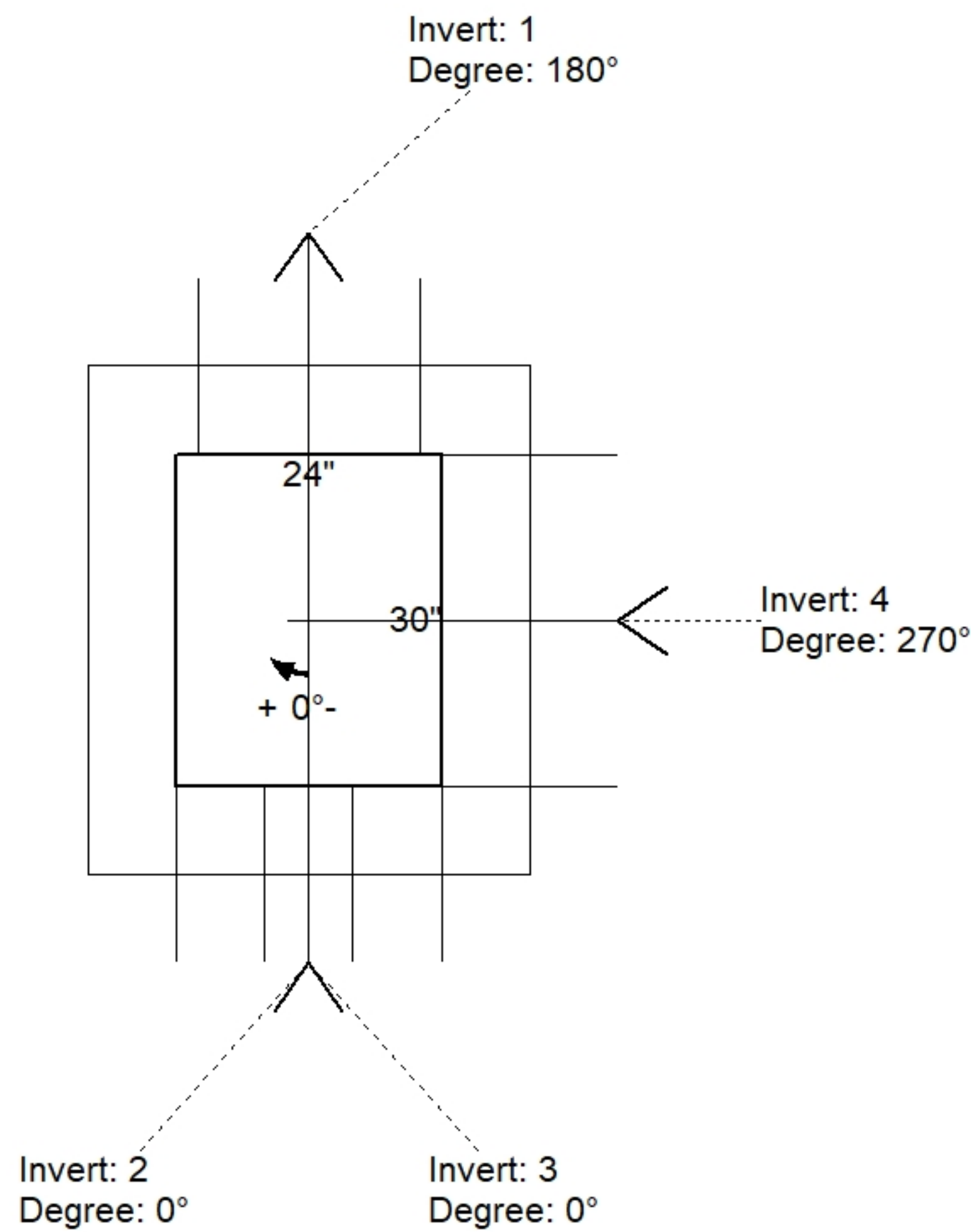
Floor (Bot): 574.833'  
 Overall Height: 6.729'  
 Slack: 0.33"

**Structure Notes:**

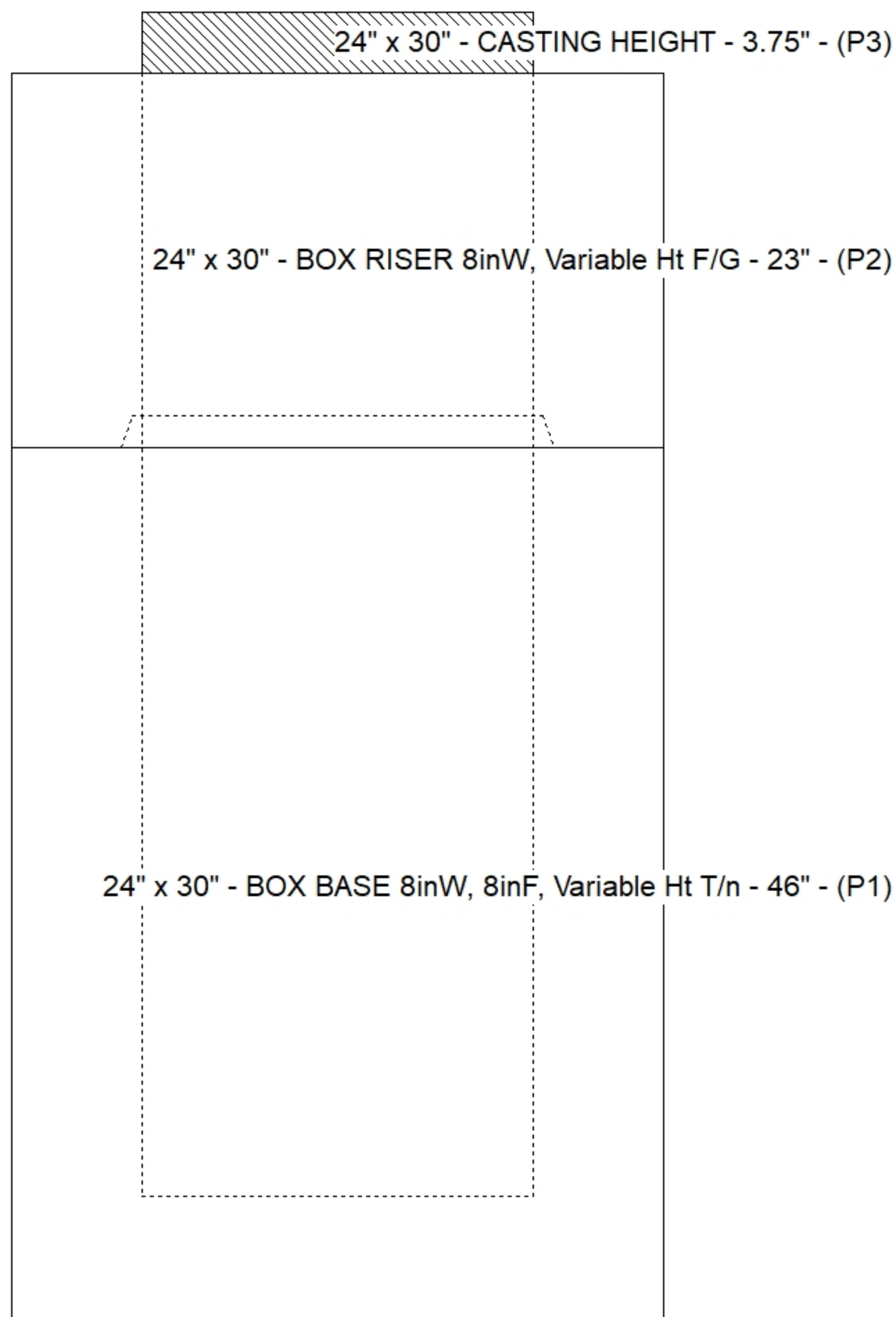
1. CASTING: HOE KY-460-11F/G PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,500 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

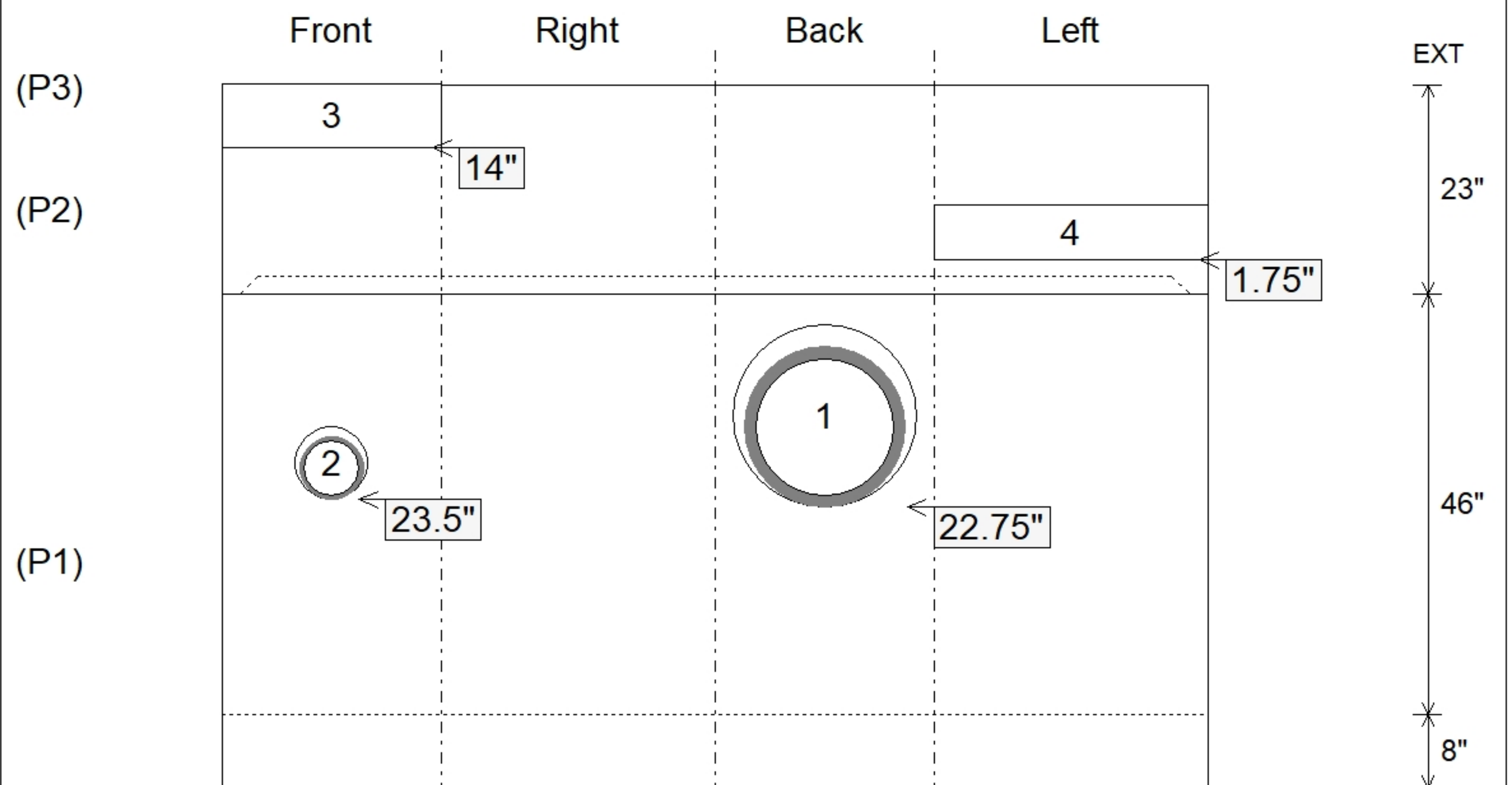
P3) 24" x 30" - CASTING HEIGHT - 3.75"	0 lb
P2) 24" x 30" - BOX RISER 8inW, Variable Ht F/G - 23"	1987 lb
P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht T/n - 46"	5314 lb
1) CASTING - HOE KY-460-11 F/G (DBI 11)	421 lb
2) 24" x 30" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
1) Hole - 8	0 lb
1) Weir n/n - 24"x7"	0 lb
1) Weir n/n - 30"x6"	0 lb
<b>Structure Total:</b>	<b>7722 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	581.59'							
Reducer								
Invert 1	577.5'	180°	15" HDPE	17.6"	20"	Hole 20	22.75"	P1
Invert 2	577.5'	0°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	23.5"	P1
Invert 3	580.67'	0°	24" x 7" Weir	24" x 7"	24" x 7"	Weir 24"x7"	14"	P2
Invert 4	579.65'	270°	30" x 6" Weir	30" x 6"	30" x 6"	Weir 30"x6"	1.75"	P2
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 11/25/2025 3:42:39 PM

SUBMITTAL  
 APPROVED BY: