

**Job Name: 25-2505 HEATH ELEMENTARY**  
**Job Location: Paducah, Ky**  
**Contractor: Parker Excavating, LLC.**

PC: E. Bradley  
 TECH: C. Russ  
 Plant: Beaver Dam



Structure ID: **ST-11**

Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 24"

Rim: 383.9'  
 Invert: 380.7'  
 Rim to Invert: 3.2'

Sump: 0"  
 Floor (Top): 380.7'  
 Floor Height: 8"

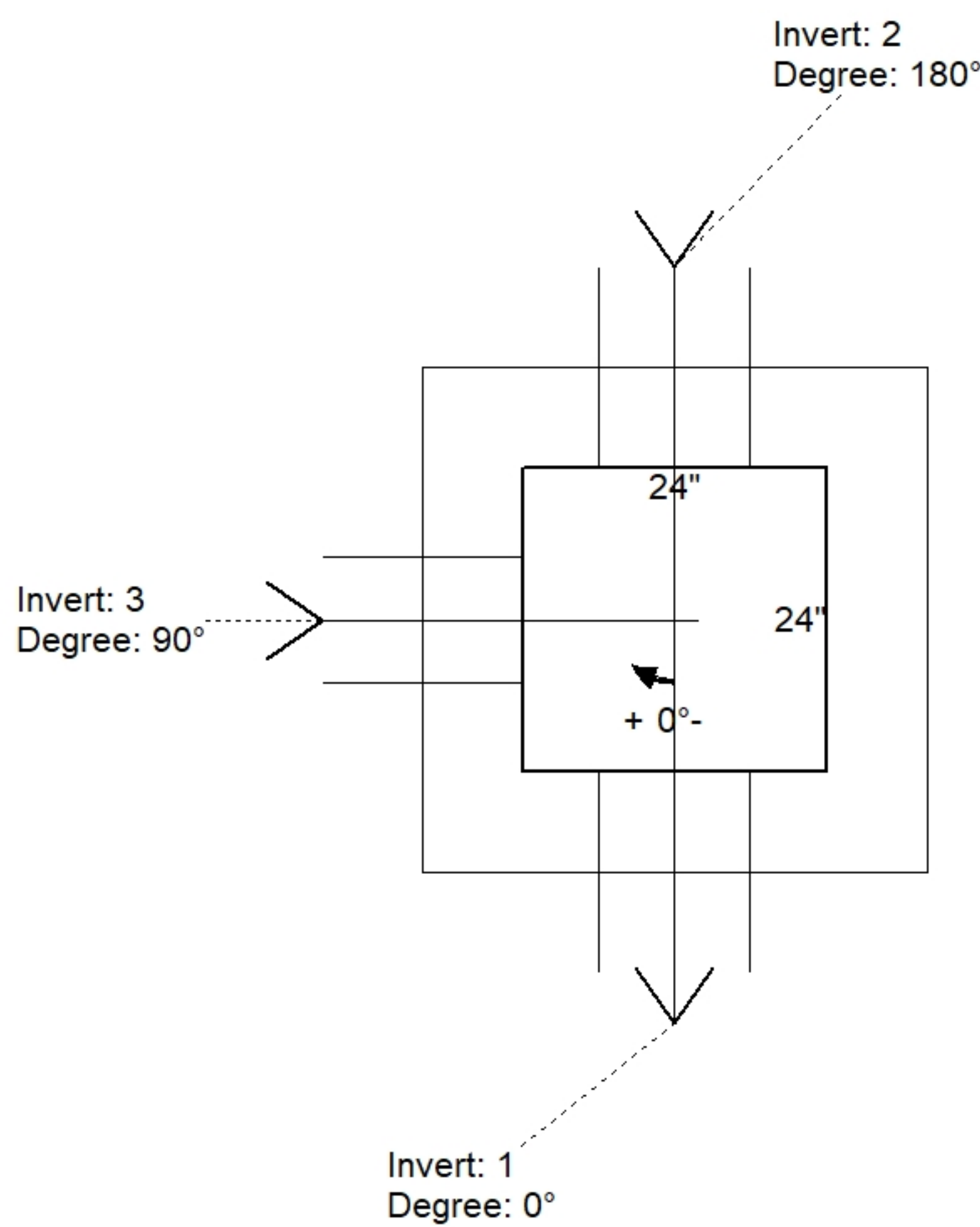
Floor (Bot): 380.033'  
 Overall Height: 3.833'  
 Slack: 0.4"

**Structure Notes:**

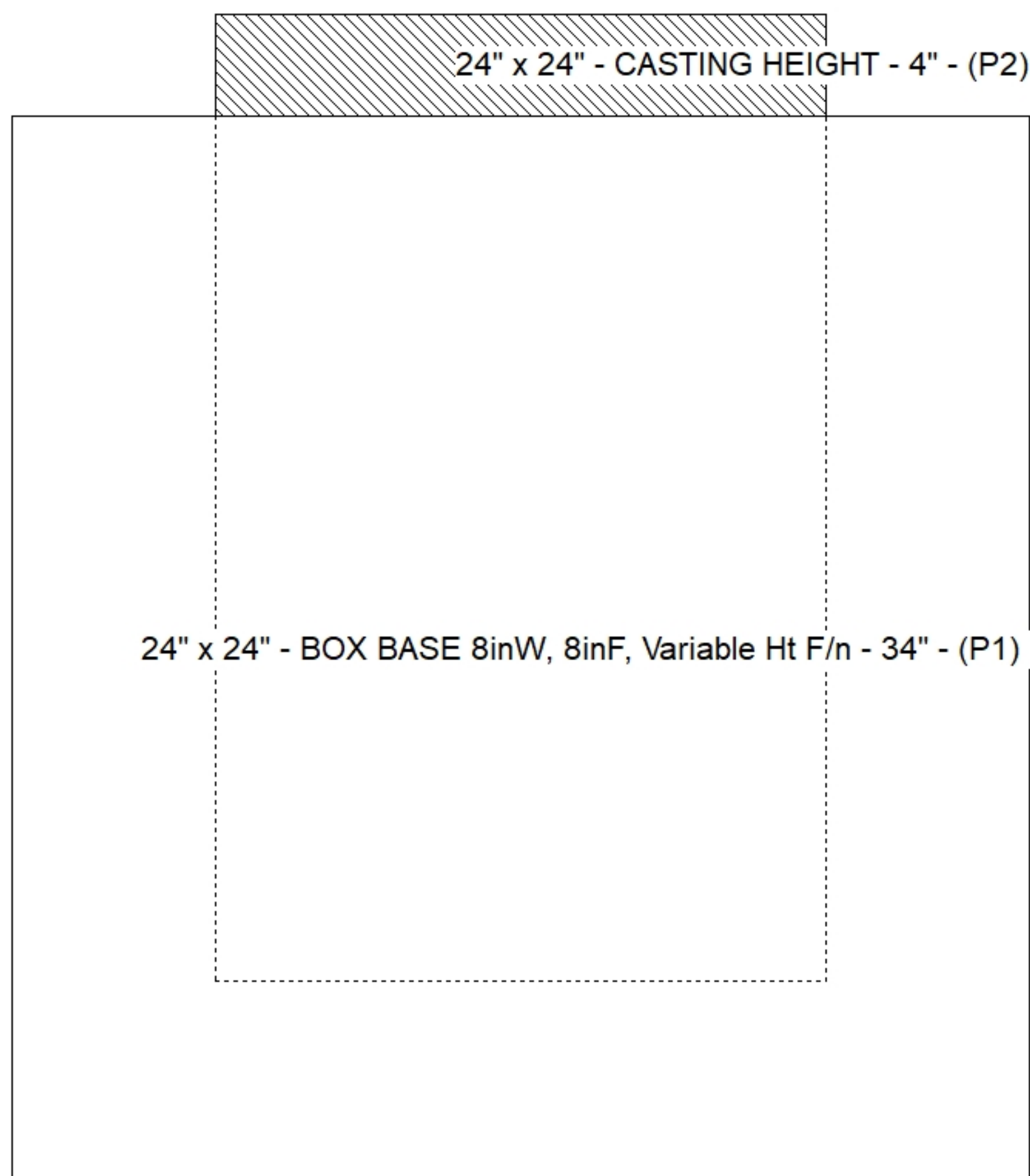
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. HOE 280T PROVIDED BY ICAST
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

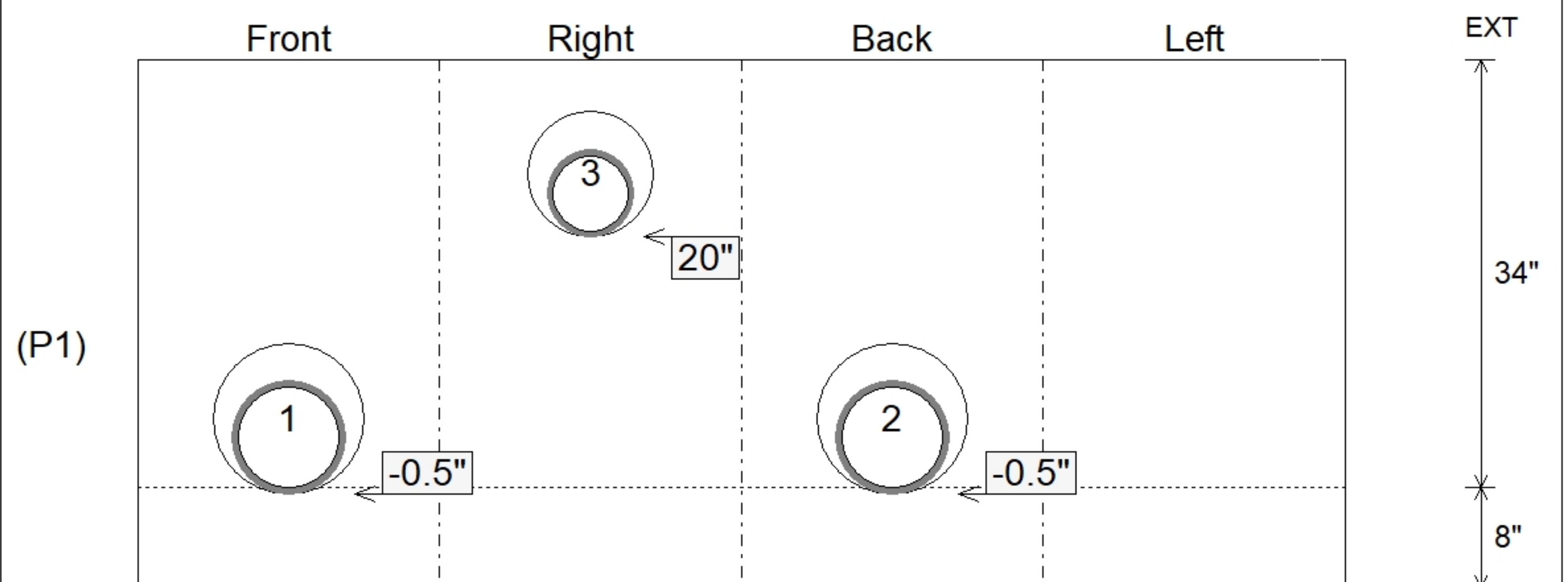
P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 34"	3791 lb
1) CASTING - HOE 280T F/G	182 lb
1) 24" x 24" - SGL 1"x14.5' Butyl	0 lb
2) Hole - 12	0 lb
1) Hole - 10	0 lb
<b>Structure Total:</b>	<b>3973 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	383.9'							
Reducer								
Invert 1	380.7'	0°	8" HDPE	9.1"	12"	Hole 12	-0.5"	P1
Invert 2	380.7'	180°	8" HDPE	9.1"	12"	Hole 12	-0.5"	P1
Invert 3	382.4'	90°	6" HDPE	6.9"	10"	Hole 10	20"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 11/13/2025 1:31:44 PM

SUBMITTAL  
 APPROVED BY: