

**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-16**

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

Rim: 383.25'  
 Invert: 380.86'  
 Rim to Invert: 2.39'

Sump: 0"  
 Floor (Top): 380.86'  
 Floor Height: 8"

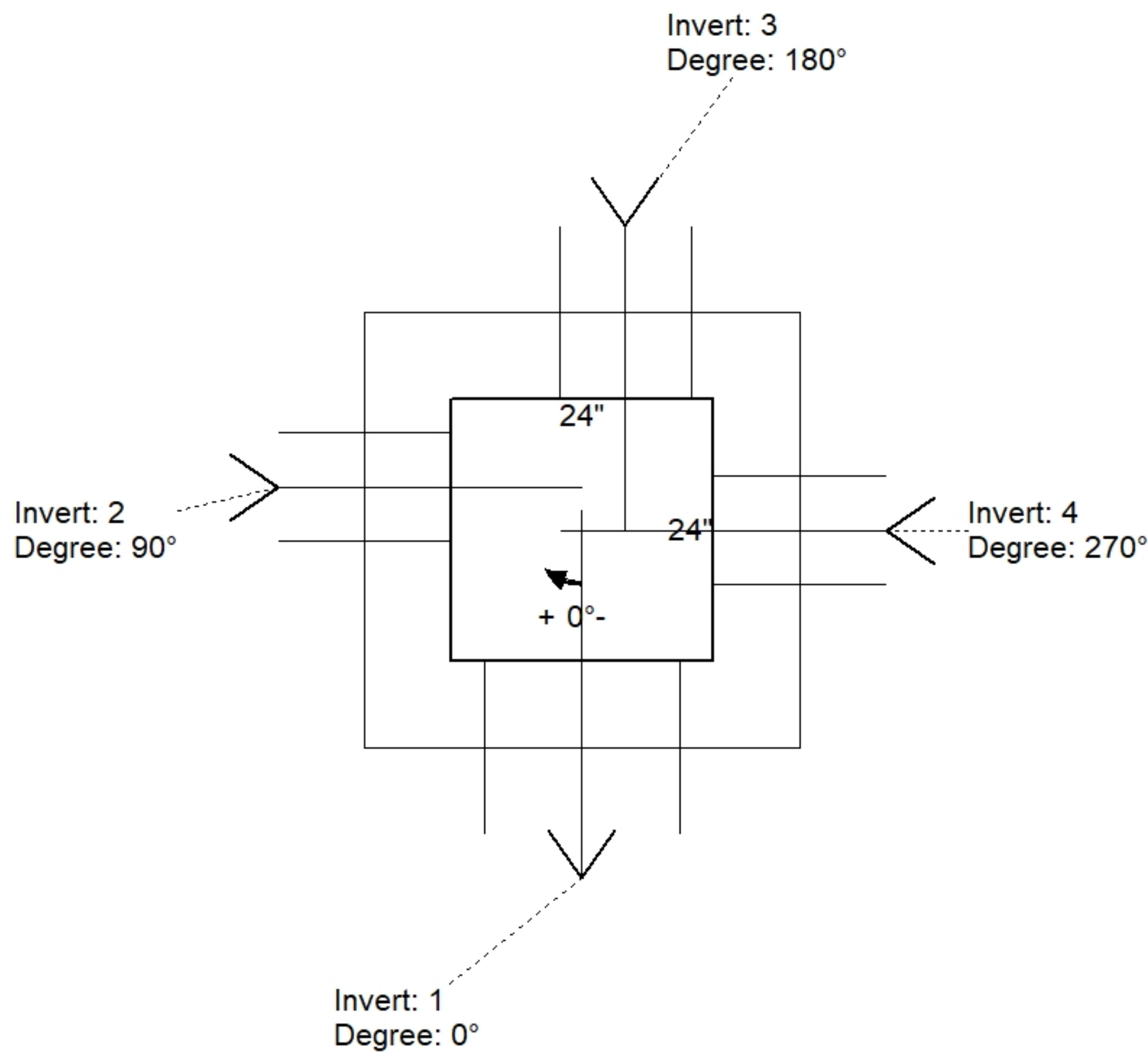
Floor (Bot): 380.193'  
 Overall Height: 3'  
 Slack: 0.68"

**Structure Notes:**

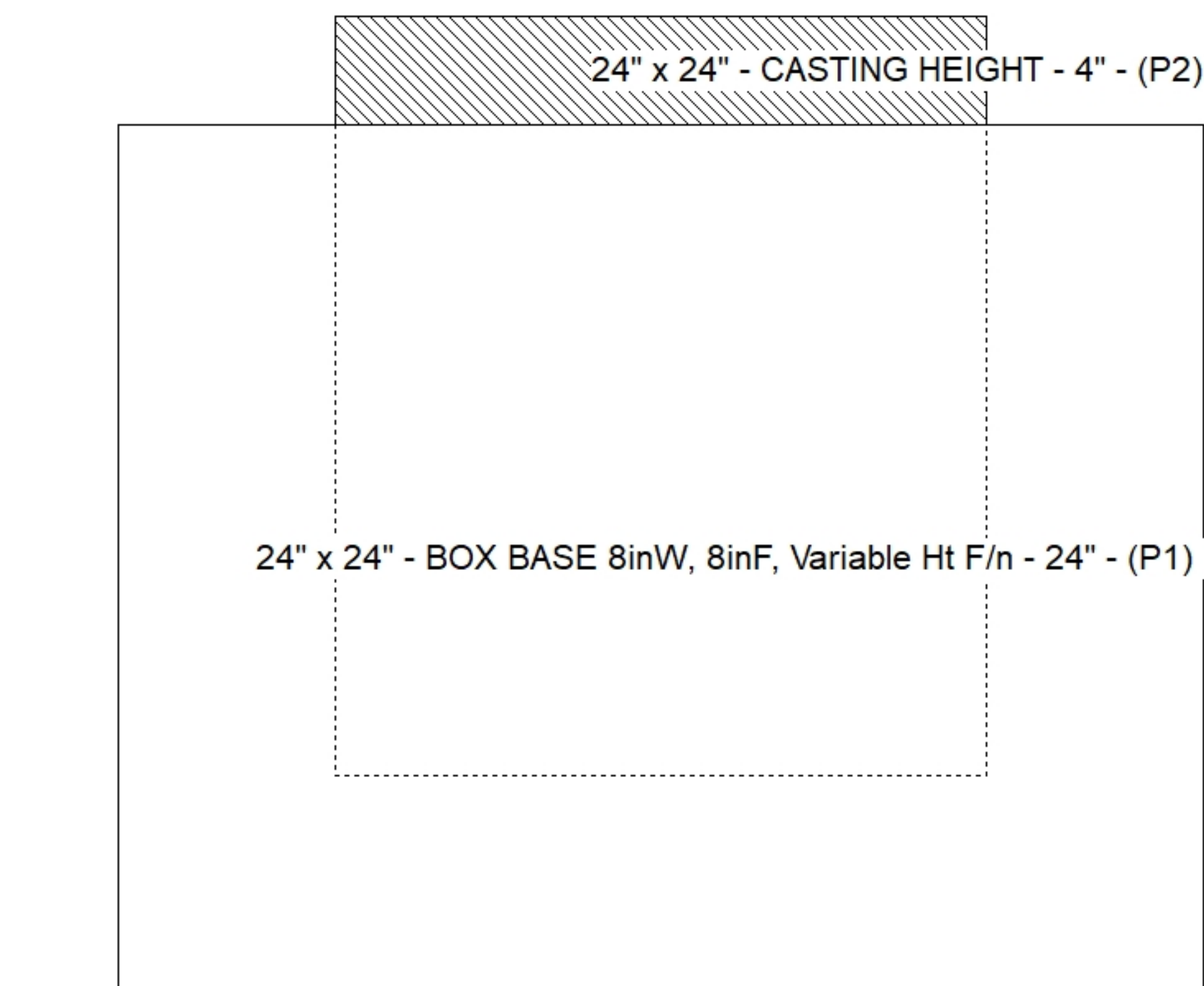
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. HOE 280T PROVIDED BY ICAST
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

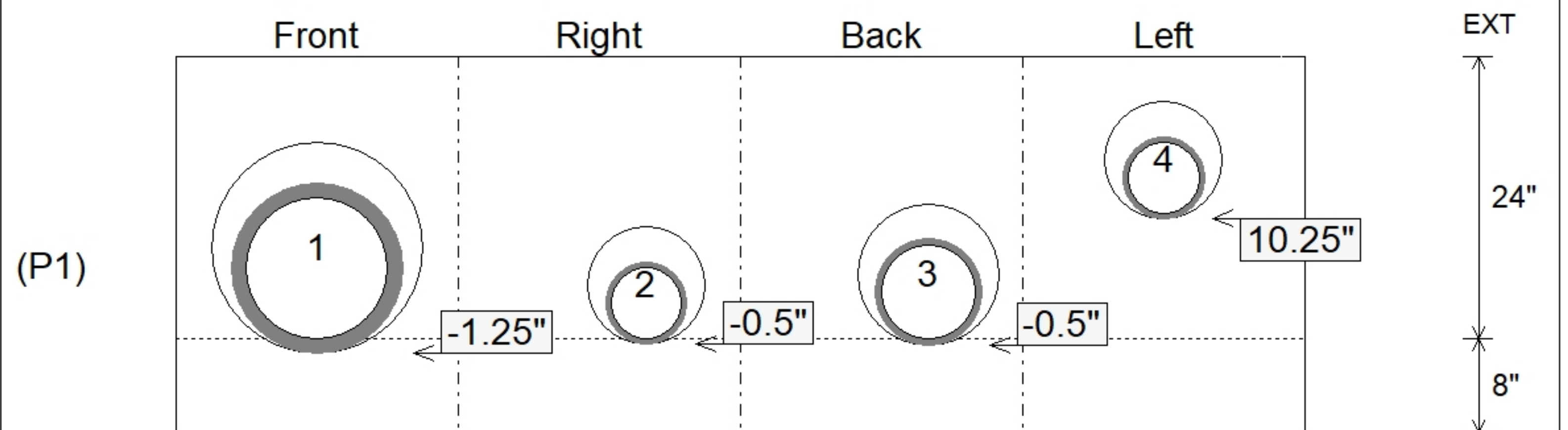
P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 24"	2784 lb
1) CASTING - HOE 280T F/G	182 lb
1) 24" x 24" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 18	0 lb
2) Hole - 10	0 lb
1) Hole - 12	0 lb
<b>Structure Total:</b>	<b>2966 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	383.25'							
Reducer								
Invert 1	380.86'	0°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 2	380.86'	90°	6" HDPE	6.9"	10"	Hole 10	-0.5"	P1
Invert 3	380.86'	180°	8" HDPE	9.1"	12"	Hole 12	-0.5"	P1
Invert 4	381.75'	270°	6" HDPE	6.9"	10"	Hole 10	10.25"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: