

**Job Name: 26-1613 Barkley Regional Airport**  
**Job Location: West Paducah, KY**  
**Contractor: Jim Smith Contracting Co, LLC**

PC: J. Jarvis  
 TECH: S. Felletter  
 Plant: Beaver Dam



Structure ID: **C2-4 DBI3**  
 Spec: KYTC  
 Type: DBI TYPE 3  
 Size: 36" x 36"

Rim: 399.5'  
 Invert: 391.6'  
 Rim to Invert: 7.9'

Sump: 1"  
 Floor (Top): 391.517'  
 Floor Height: 8"

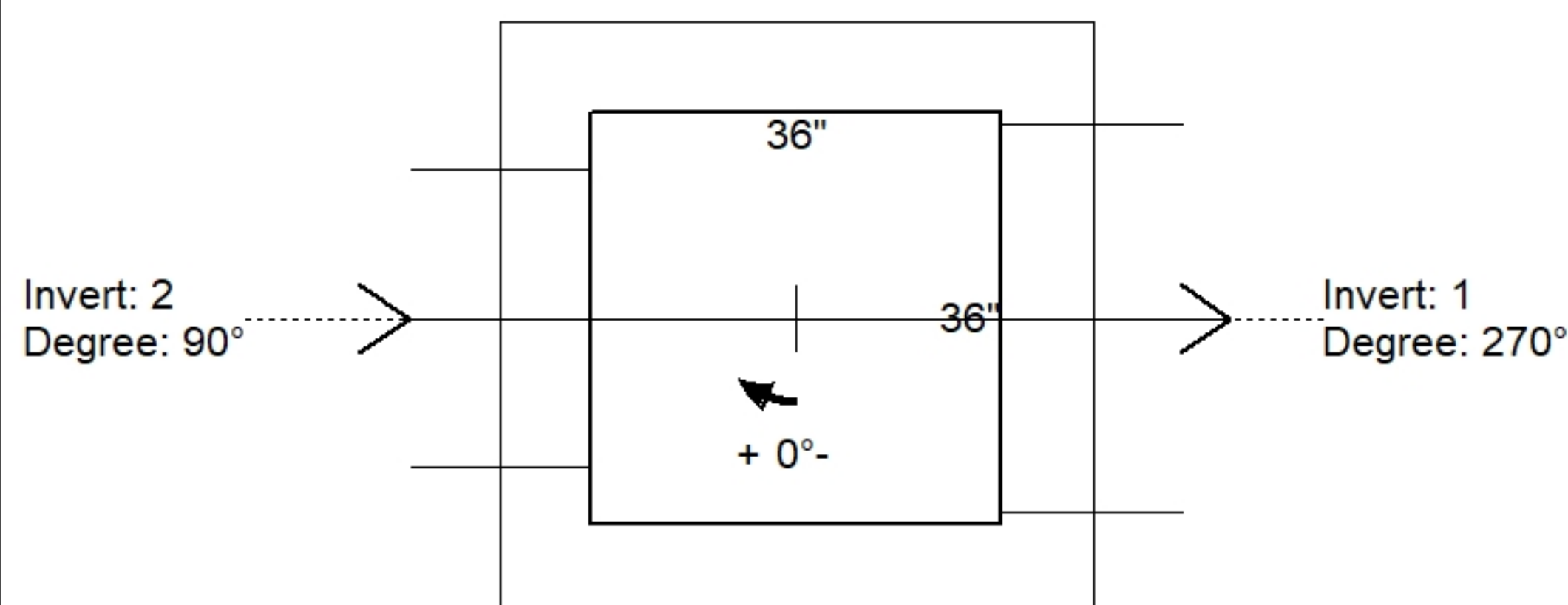
Floor (Bot): 390.85'  
 Overall Height: 8.583'  
 Slack: 0.8"

**Structure Notes:**

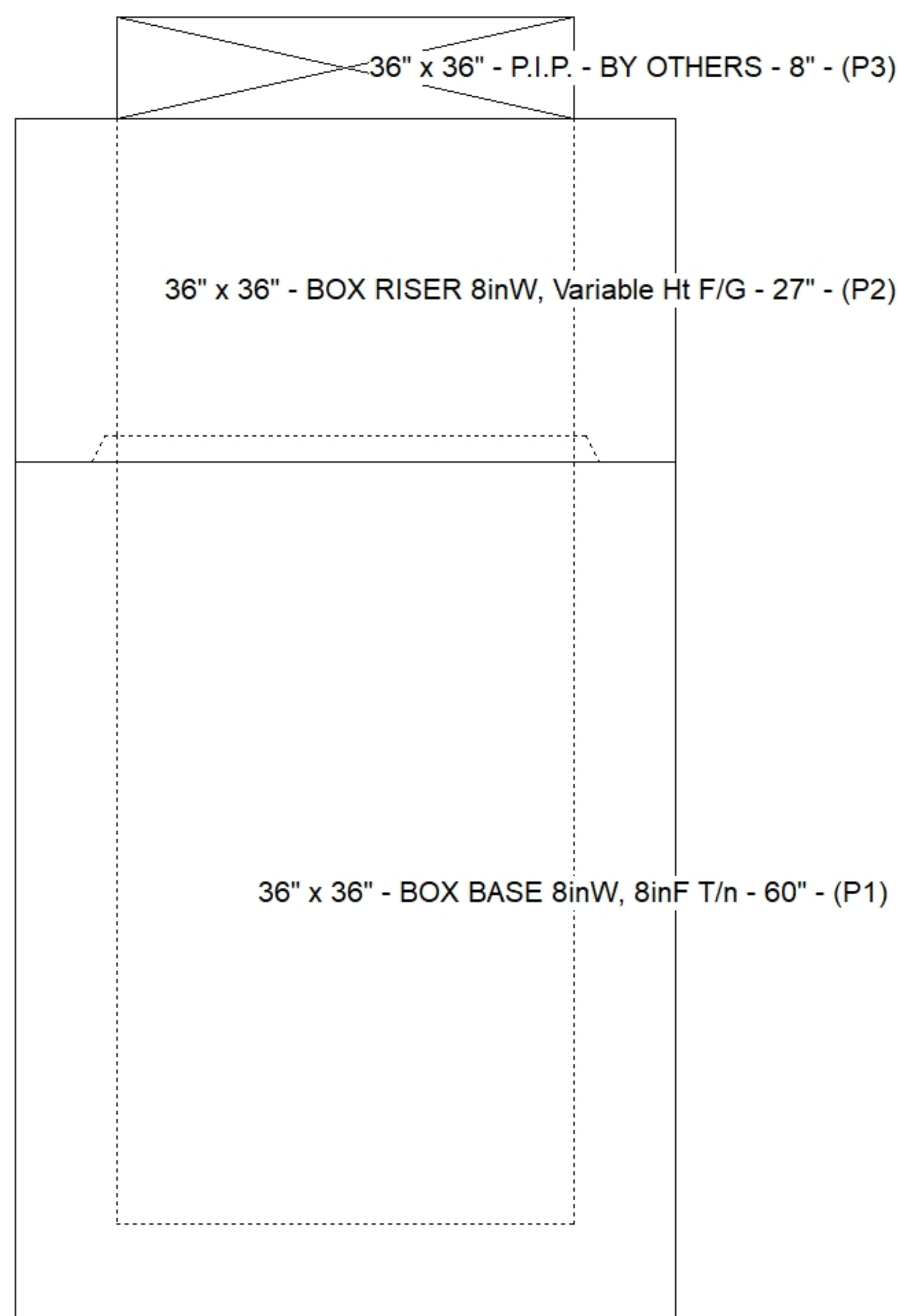
- KYTC DBI TYPE 3 / ASTM C913 SPECIFICATIONS.
  - CONCRETE = 4,000 PSI AT 28 DAYS.
  - NO STEPS & NO INVERT CHANNEL.
  - CASTING BY ICAST (HOE KY-328 SET).
  - STUB #5 BARS 20" OUT TOP OF WALLS (SPA@12"C/C)
- REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

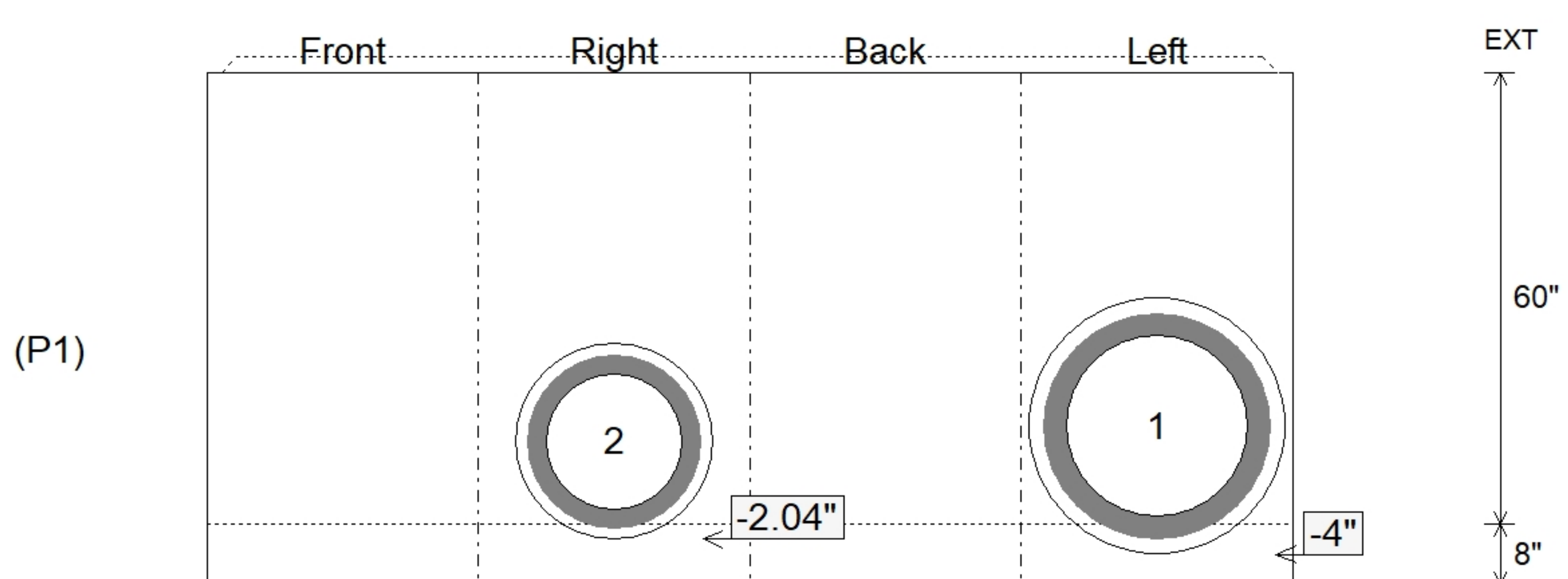
P3) 36" x 36" - P.I.P. - BY OTHERS - 8"	0 lb
P2) 36" x 36" - BOX RISER 8inW, Variable Ht F/G - 27"	3190 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF T/n - 60"	7938 lb
2) 36" x 36" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 34	0 lb
1) Hole - 26	0 lb
<b>Structure Total:</b>	<b>11128 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	399.5'							
Reducer								
Invert 1	391.6'	270°	24" RCP B WALL	30"	34"	Hole 34	-4"	P1
Invert 2	391.68'	90°	18" RCP B WALL	23"	26"	Hole 26	-2.04"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 4/7/2026 11:05:10 AM

SUBMITTAL  
 APPROVED BY: