

**Job Name: 23-1914 - KYTC Daviess County ID 231032**  
**Job Location: Owensboro, KY 42701**  
**Contractor: Mick-Murf Construction Inc.**

PC: C. Goff  
 TECH: J. Horsley  
 Plant: 100



Structure ID: 068 (DBI-16S)

Spec: KYTC  
 Type: DBI TYPE 16S private  
 Size: 24" x 60"

Rim: 425.4'  
 Invert: 420.59'  
 Rim to Invert: 4.81'

Sump: 0"  
 Floor (Top): 420.59'  
 Floor Height: 8"

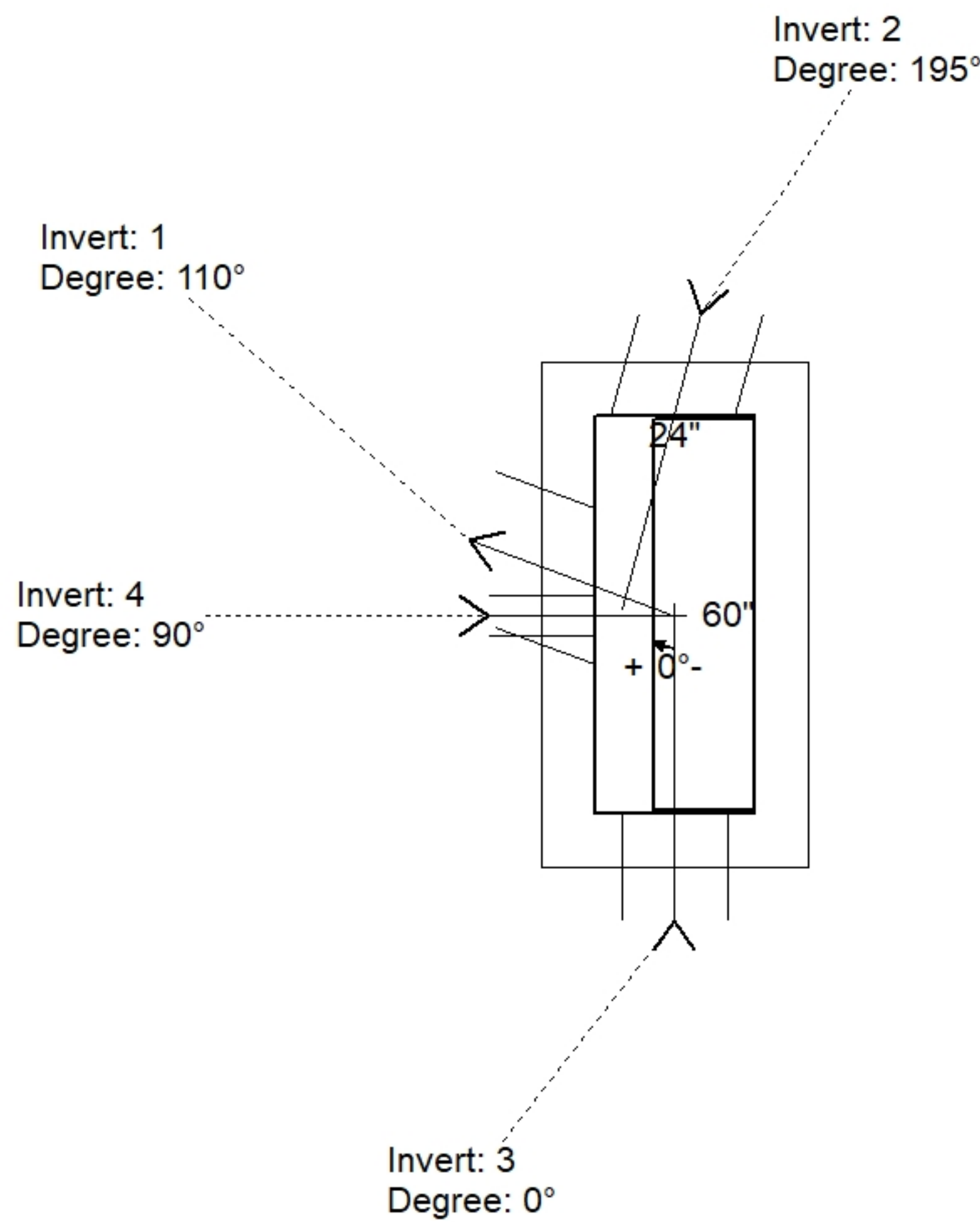
Floor (Bot): 419.923'  
 Overall Height: 5.417'  
 Slack: 0.72"

**Structure Notes:**

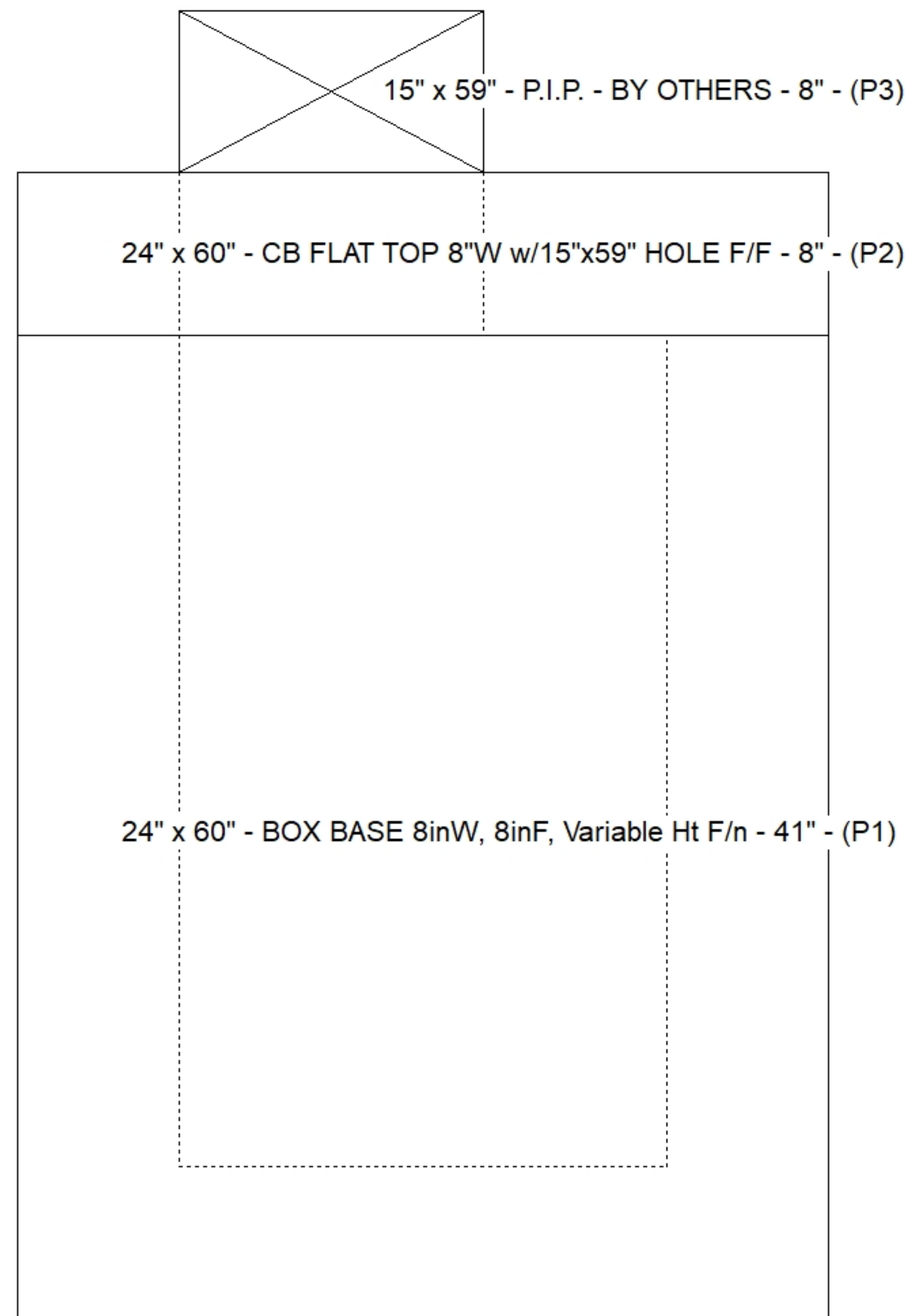
- \*\*KYTC STATE PROJECT\*\***
1. KYTC DBI TYPE 16S / ASTM C-913 SPEC'S.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO STEPSS & NO INVERT CHANNEL.
  4. HOE K-230S F/G (DBI-16S) - BY OTHERS.
  5. STUB #5 BARS 6" OUT TOP OF TOP SLAB SPA AT 12" C/C AROUND 15X27 HOLE
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT).  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

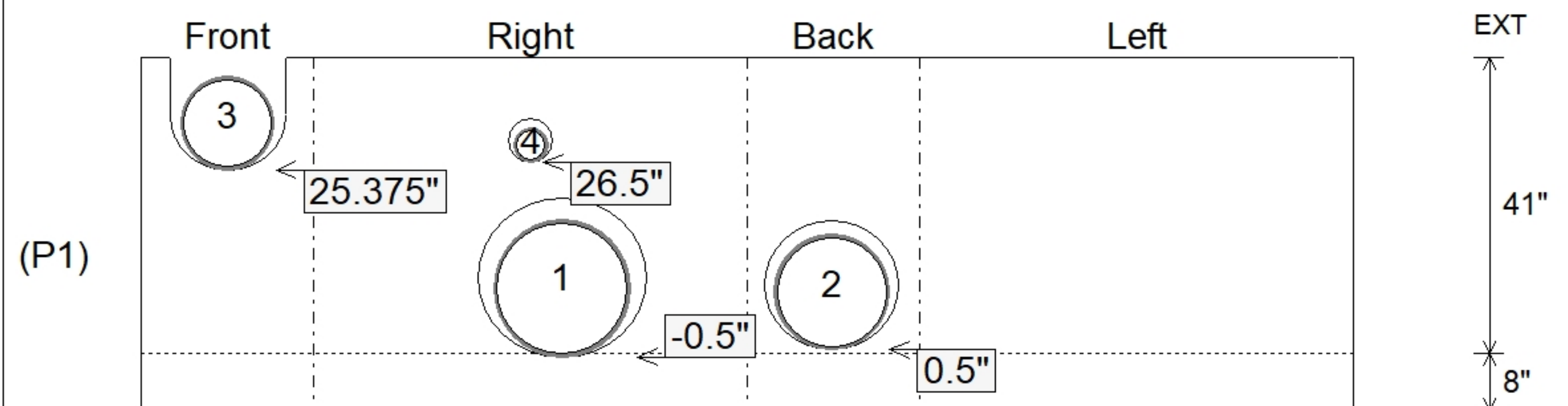
P3) 15" x 59" - P.I.P. - BY OTHERS - 8"	0 lb
P2) 24" x 60" - CB FLAT TOP 8"W w/15"x59" HOLE F/F - 8"	1447 lb
P1) 24" x 60" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41"	6928 lb
1) 24" x 60" - Conseal CS-102 1.00"	0 lb
1) Hole - 22	0 lb
1) Hole - 18	0 lb
1) DOGHOUSE INVRTD - 16"x15"	0 lb
1) Hole - 6	0 lb
<b>Structure Total:</b>	<b>8375 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	425.4'							
Reducer								
Invert 1	420.59'	110°	18" CMP	19"	22"	Hole 22	-0.5"	P1
Invert 2	420.67'	195°	15" CMP	16"	18"	Hole 18	0.5"	P1
Invert 3	422.75'	0°	12" CMP SLTD DRN	13"	16" x 15"	DOGHOUSE INVRTD 16"x15"	25.375"	P1
Invert 4	422.83'	90°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	26.5"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 1/8/2026 10:13:13 AM

SUBMITTAL  
 APPROVED BY: