

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: **069 (DBI-16S)**

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

Rim: 425.15'
 Invert: 420.25'
 Rim to Invert: 4.9'

Sump: 0"
 Floor (Top): 420.25'
 Floor Height: 8"

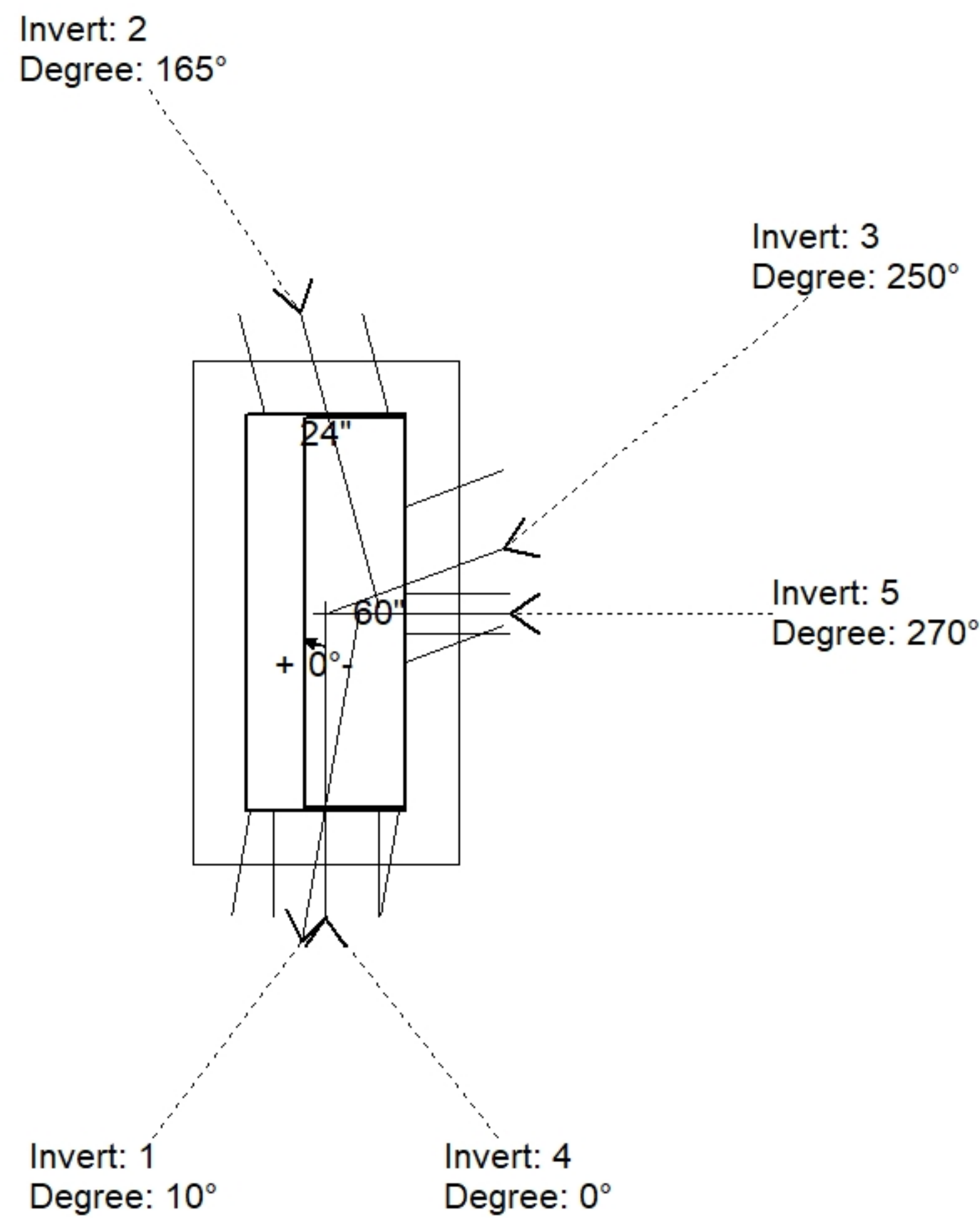
Floor (Bot): 419.583'
 Overall Height: 5.5'
 Slack: 0.8"

Structure Notes:

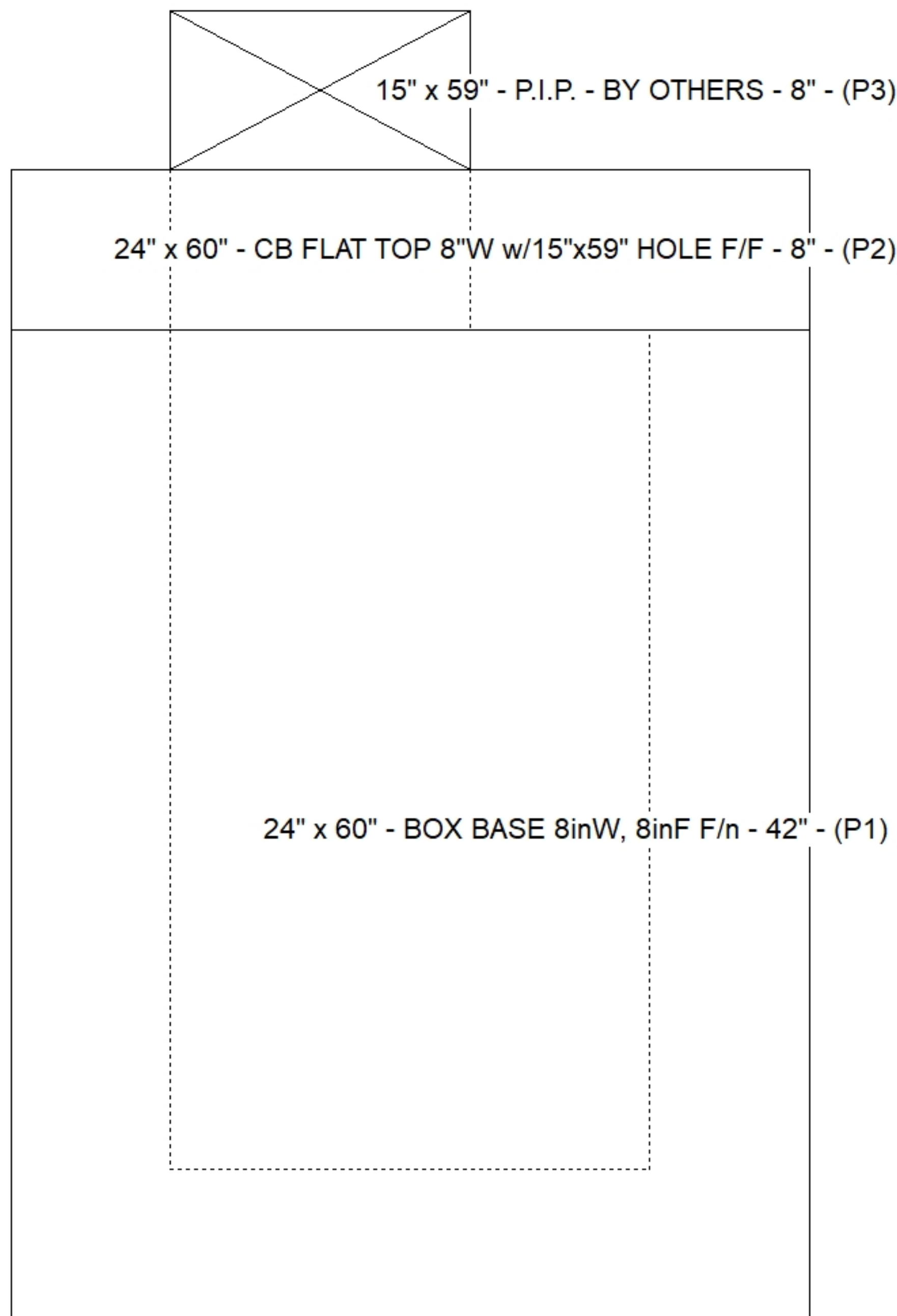
- **KYTC STATE PROJECT****
1. KYTC DBI TYPE 16S / ASTM C-913 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPSS & NO INVERT CHANNEL.
 4. HOE K-230S F/G (DBI-16S) - BY OTHERS.
 5. STUB #5 BARS 6" OUT TOP OF TOP SLAB SPA AT 12" C/C AROUND 15X27 HOLE
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP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

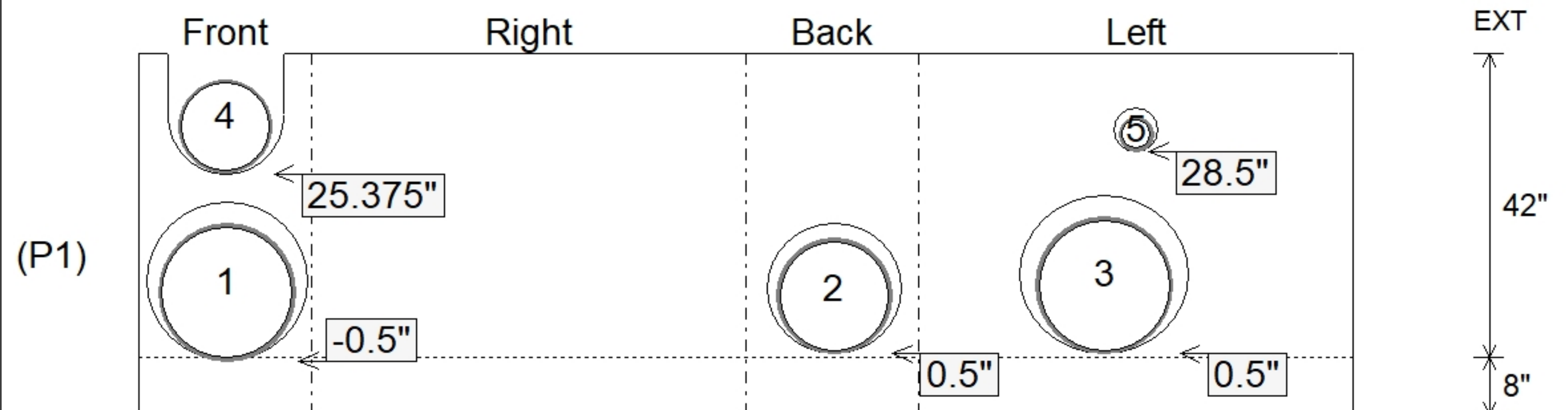
P3) 15" x 59" - P.I.P. - BY OTHERS - 8"	0 lb
P2) 24" x 60" - CB FLAT TOP 8"W w/15"x59" HOLE F/F - 8"	1447 lb
P1) 24" x 60" - BOX BASE 8inW, 8inF F/n - 42"	6793 lb
1) 24" x 60" - Conseal CS-102 1.00"	0 lb
2) Hole - 22	0 lb
1) Hole - 18	0 lb
1) DOGHOUSE INVRTD - 16"x16"	0 lb
1) Hole - 6	0 lb
Structure Total:	8240 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	425.15'							
Reducer								
Invert 1	420.25'	10°	18" CMP	19"	22"	Hole 22	-0.5"	P1
Invert 2	420.33'	165°	15" CMP	16"	18"	Hole 18	0.5"	P1
Invert 3	420.33'	250°	18" CMP	19"	22"	Hole 22	0.5"	P1
Invert 4	422.41'	0°	12" CMP SLTD DRN	13"	16" x 16"	DOGHOUSE INVRTD 16"x16"	25.375"	P1
Invert 5	422.66'	270°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	28.5"	P1
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 1/8/2026 10:13:14 AM

SUBMITTAL
 APPROVED BY: