

Job Name: 26-1301 WCSC New Pre-K Classroom Addition
Job Location: Newburgh, IN
Contractor: Hahn Excavating, Inc.

PC: E. Bradley
 TECH: S. Felletter
 Plant: Beaver Dam



Structure ID: **Str. 16-17 ST-CI**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 444.75'
 Invert: 442.86'
 Rim to Invert: 1.89'

Sump: 6"
 Floor (Top): 442.36'
 Floor Height: 8"

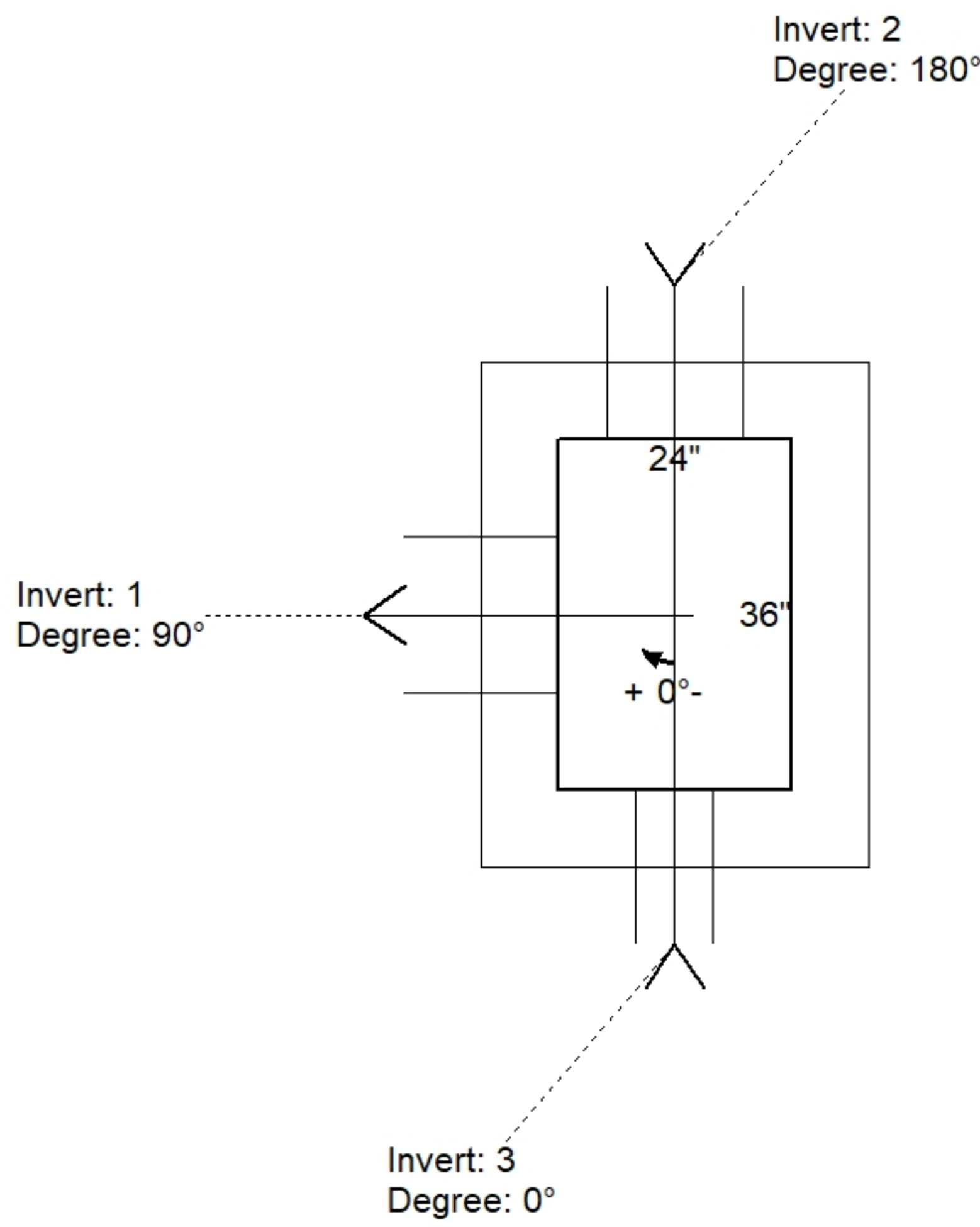
Floor (Bot): 441.693'
 Overall Height: 3'
 Slack: 0.68"

Structure Notes:

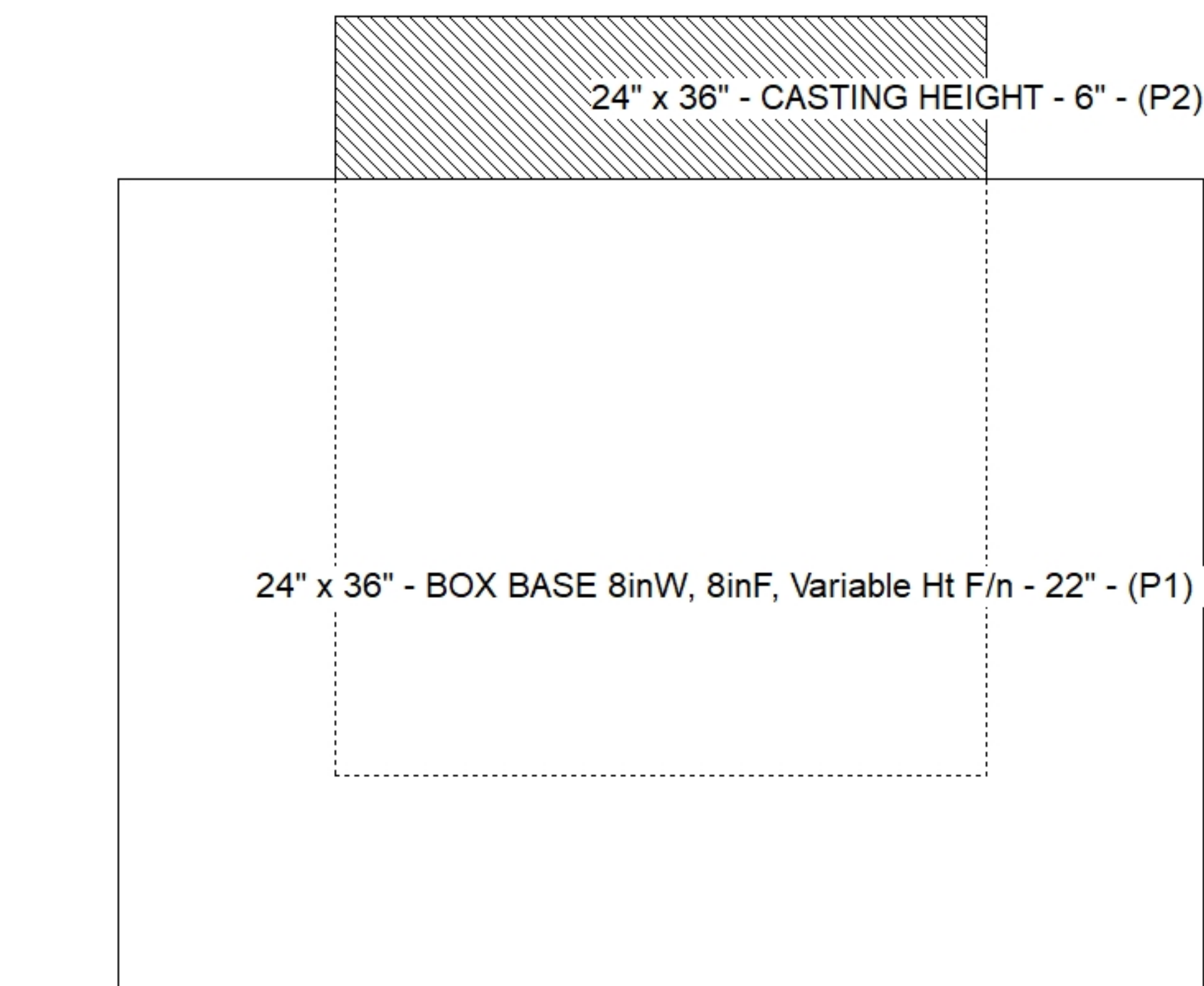
- PER ASTM C913 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO INVERT CHANNEL.
 - CASTING BY ICAST (HOE 525 FLAT SET)
- REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

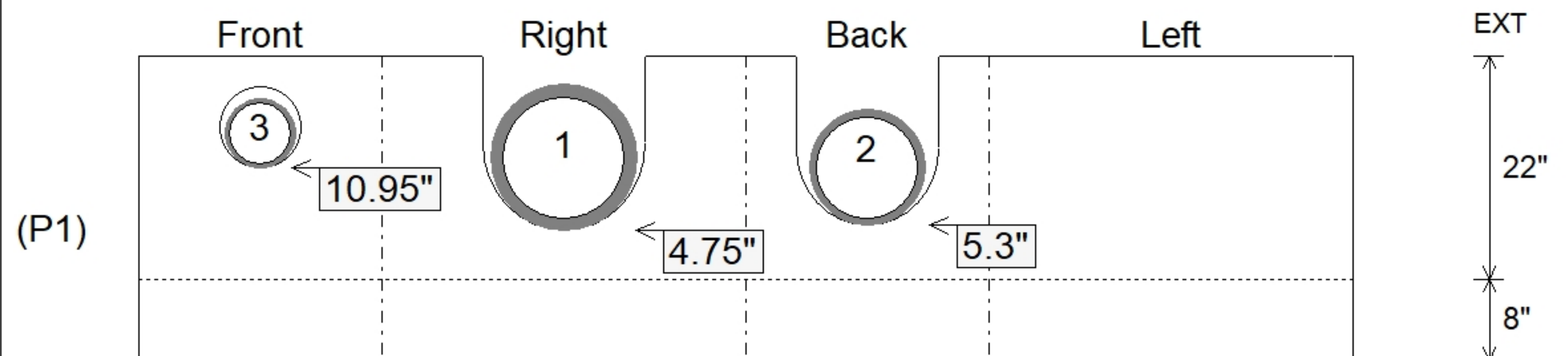
P2) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 22"	3300 lb
1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)	442 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) DOGHOUSE INVRTD - 16"x17"	0 lb
1) DOGHOUSE INVRTD - 14"x15"	0 lb
1) Hole - 8	0 lb
Structure Total:	3742 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	444.75'							
Reducer								
Invert 1	442.86'	90°	12" HDPE	14.5"	16" x 17"	DOGHOUSE INVRTD 16"x17"	4.75"	P1
Invert 2	442.86'	180°	10" HDPE	11.4"	14" x 15"	DOGHOUSE INVRTD 14"x15"	5.3"	P1
Invert 3	443.31'	0°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	10.95"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 3/24/2026 10:19:02 AM

SUBMITTAL
 APPROVED BY: