

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. 11-12 ST-CI**

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 444.55'
 Invert: 440.56'
 Rim to Invert: 3.99'

Sump: 6"
 Floor (Top): 440.06'
 Floor Height: 8"

Floor (Bot): 439.393'
 Overall Height: 5.083'
 Slack: 0.88"

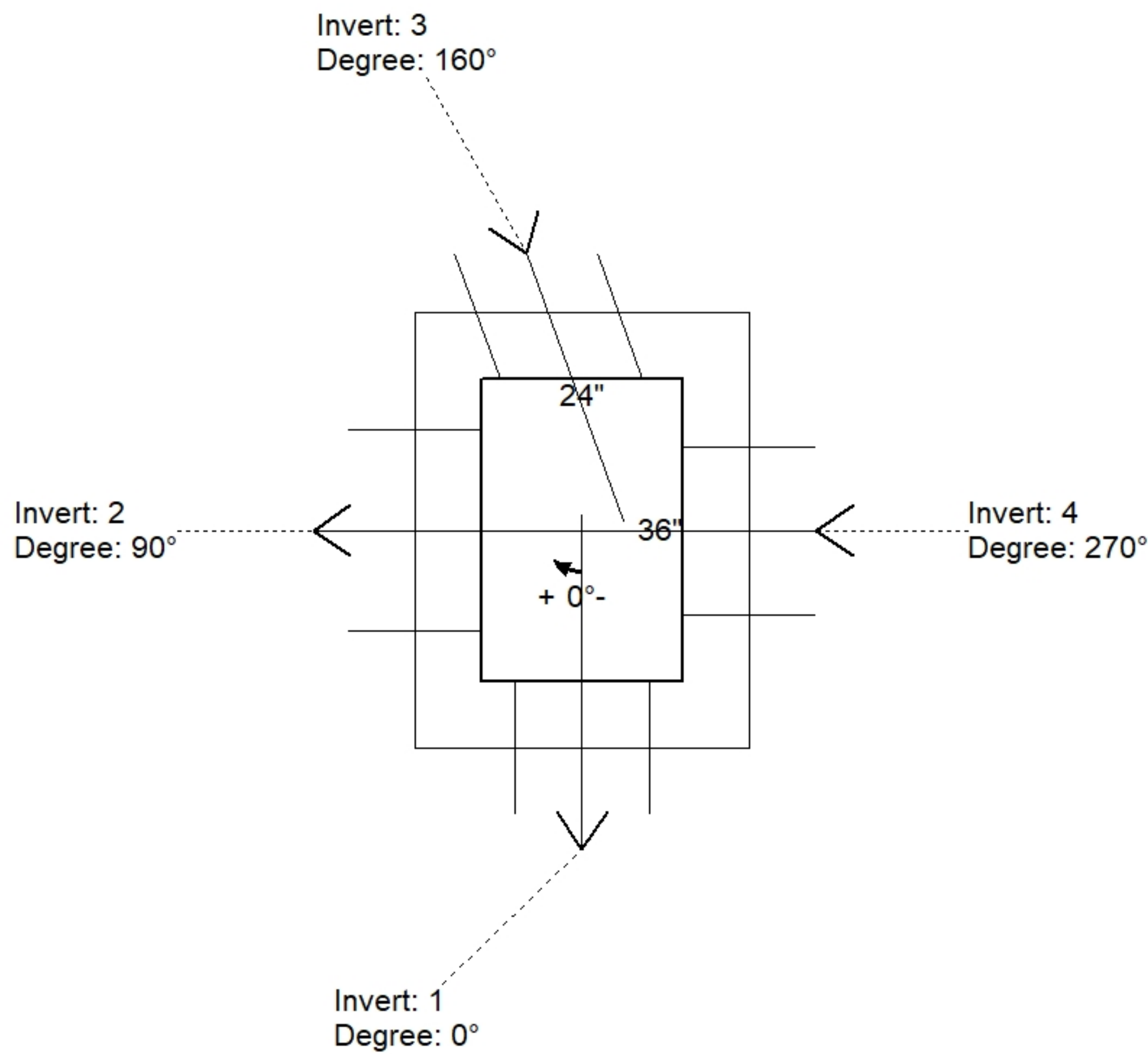
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 525 FLAT SET)

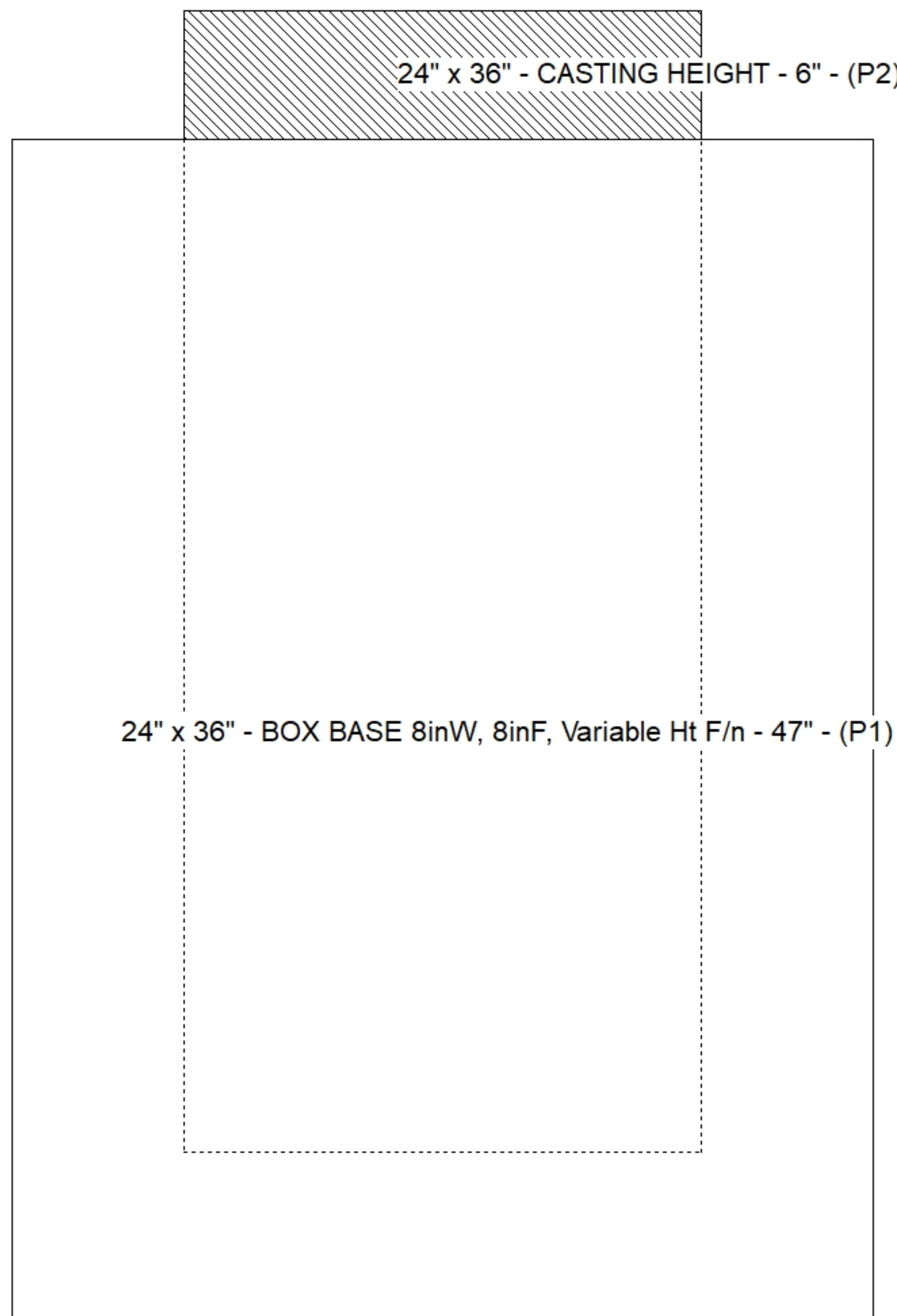
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

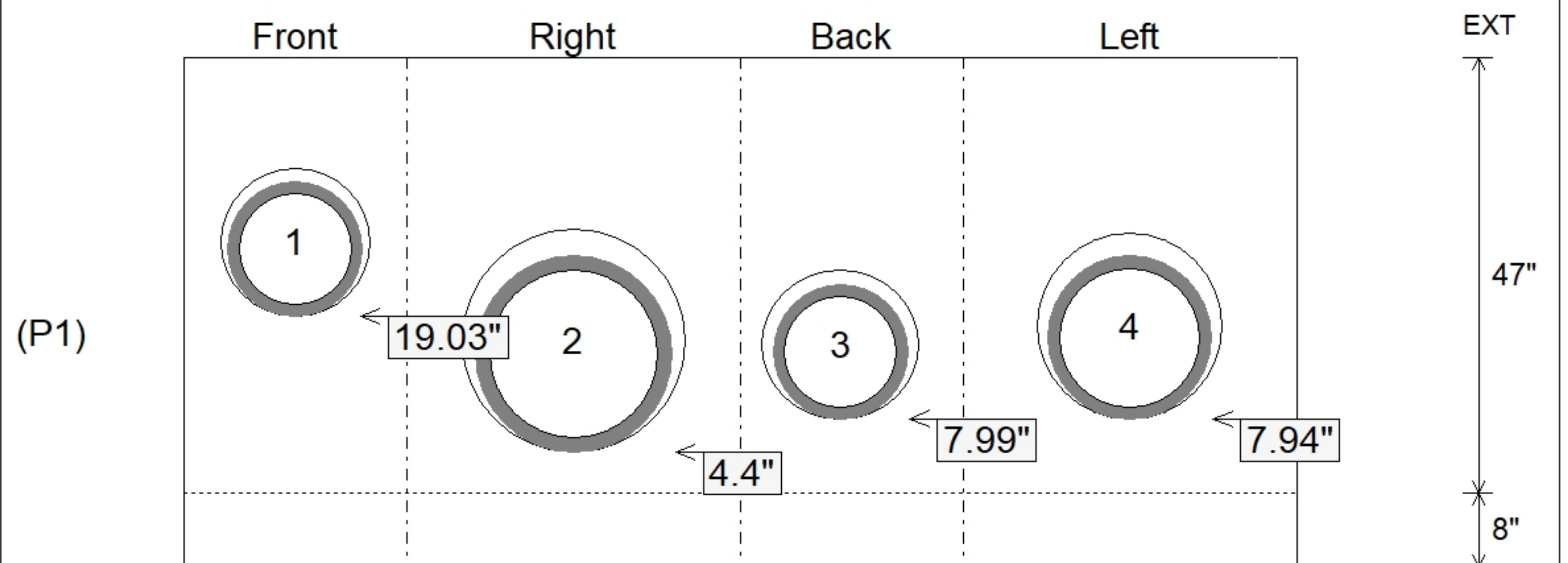
P2) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 47"	5399 lb
1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)	442 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
2) Hole - 16	0 lb
1) Hole - 24	0 lb
1) Hole - 20	0 lb
Structure Total:	5841 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	444.55'							
Reducer								
Invert 1	441.75'	0°	12" HDPE	14.5"	16"	Hole 16	19.03"	P1
Invert 2	440.56'	90°	18" HDPE	21.2"	24"	Hole 24	4.4"	P1
Invert 3	440.83'	160°	12" HDPE	14.5"	16"	Hole 16	7.99"	P1
Invert 4	440.83'	270°	15" HDPE	17.6"	20"	Hole 20	7.94"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 3/24/2026 10:19:00 AM

SUBMITTAL
 APPROVED BY: