

Job Name: 25-2505 HEATH ELEMENTARY
Job Location: Paducah, Ky
Contractor: Parker Excavating, LLC.

PC: E. Bradley
 TECH: C. Russ
 Plant: Beaver Dam



Structure ID: **ST-12**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 24"

Rim: 384'
 Invert: 380.81'
 Rim to Invert: 3.19'

Sump: 0"
 Floor (Top): 380.81'
 Floor Height: 8"

Floor (Bot): 380.143'
 Overall Height: 3.833'
 Slack: 0.28"

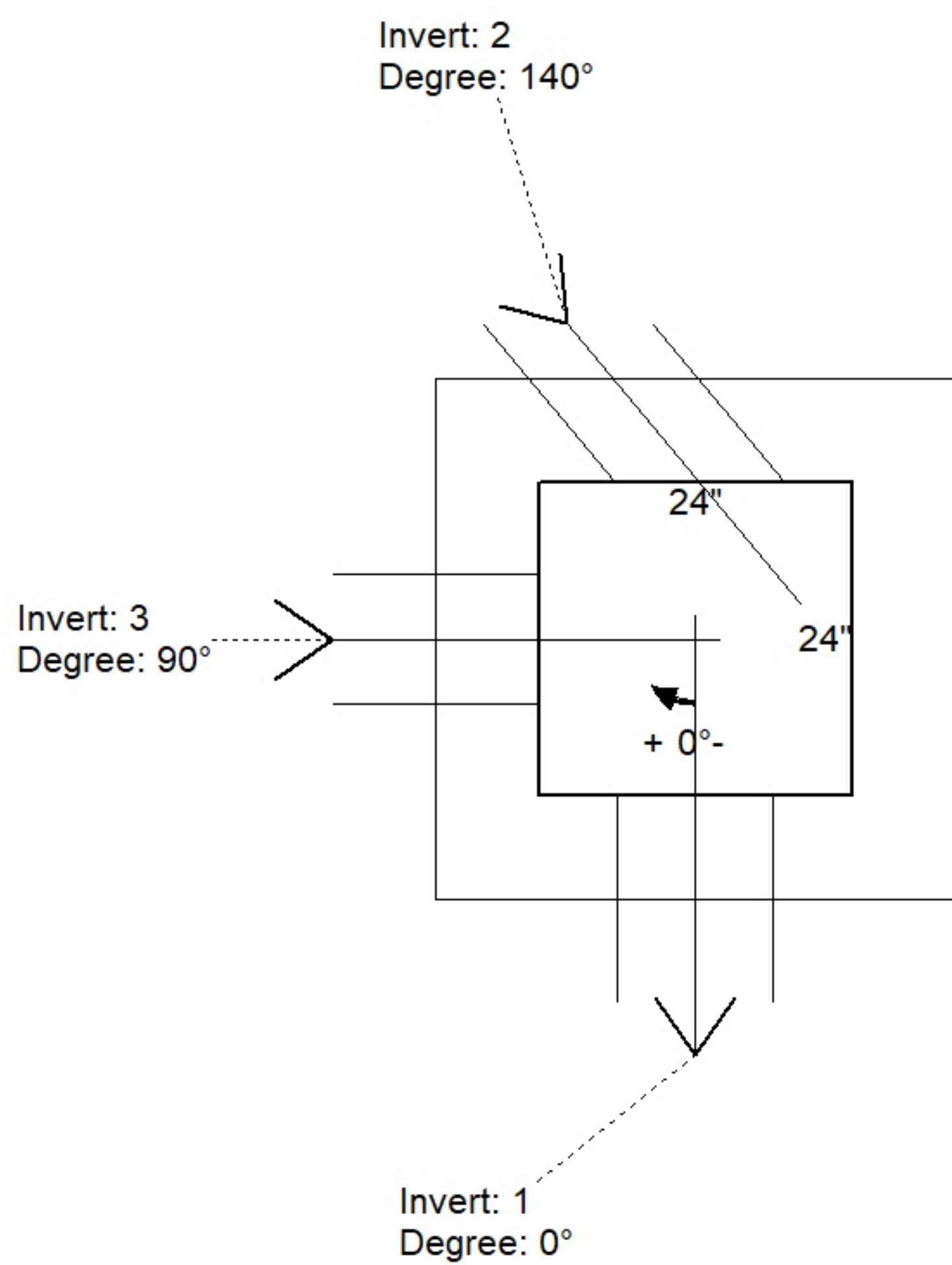
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. HOE 280T PROVIDED BY ICAST

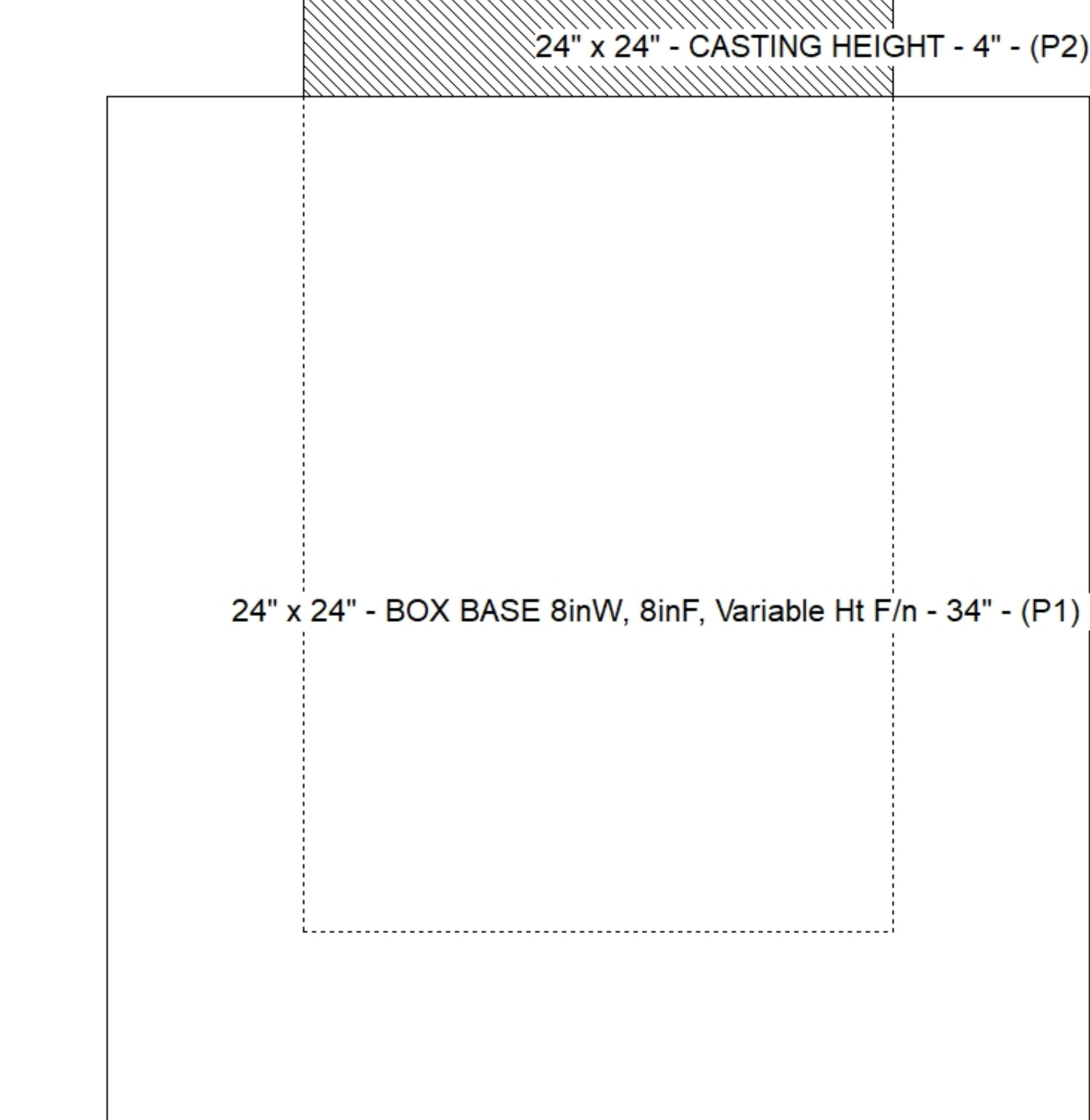
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

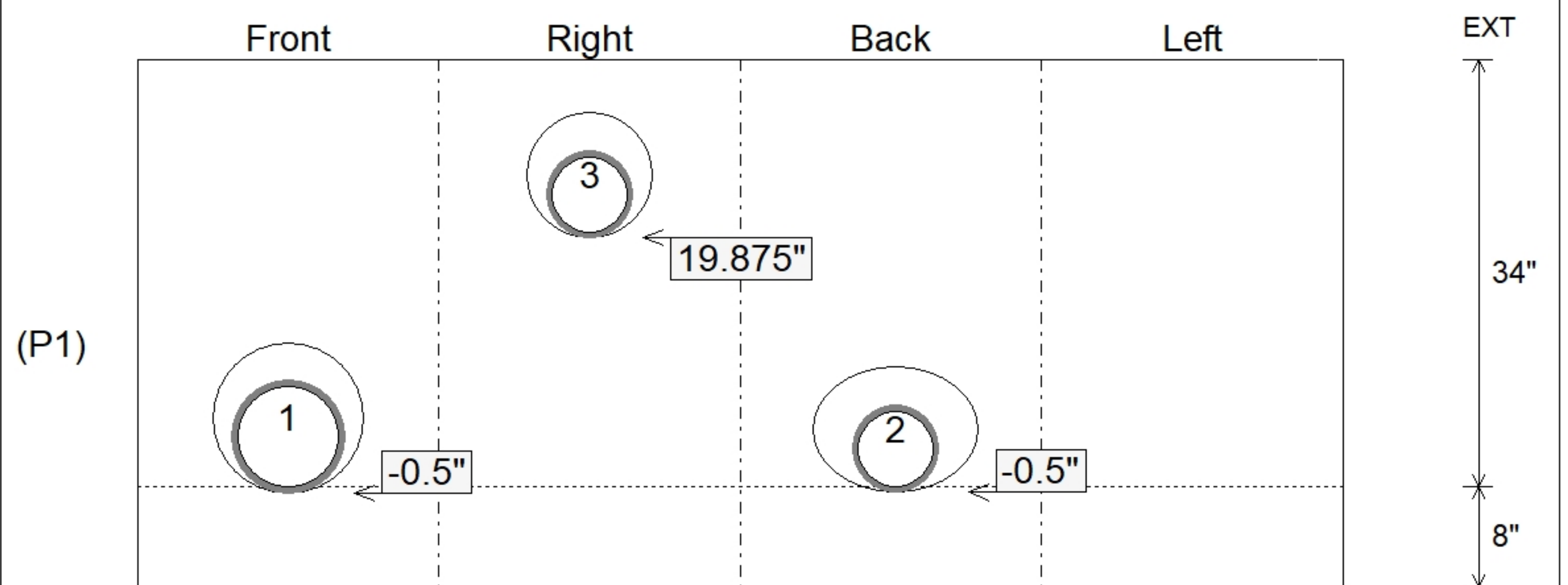
P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 34"	3798 lb
1) CASTING - HOE 280T F/G	182 lb
1) 24" x 24" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 12	0 lb
2) Hole - 10	0 lb
Structure Total:	3980 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	384'							
Reducer								
Invert 1	380.81'	0°	8" HDPE	9.1"	12"	Hole 12	-0.5"	P1
Invert 2	380.81'	140°	6" HDPE	6.9"	10"	Hole 10	-0.5"	P1
Invert 3	382.5'	90°	6" HDPE	6.9"	10"	Hole 10	19.875"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: