

Job Name: 26-1183 - Danco Regional Facility
Job Location: Owensboro, KY
Contractor: Danco Construction, Inc.

PC: T. Lewis
 TECH: Jared - F
 Plant: 100



Structure ID: AD 109

Spec: Storm
 Type: BX 6inW, 6inF
 Size: 30" x 30"

Rim: 395.45'
 Invert: 391.39'
 Rim to Invert: 4.06'

Sump: 1.625"
 Floor (Top): 391.255'
 Floor Height: 6"

Floor (Bot): 390.755'
 Overall Height: 4.667'
 Slack: 0.345"

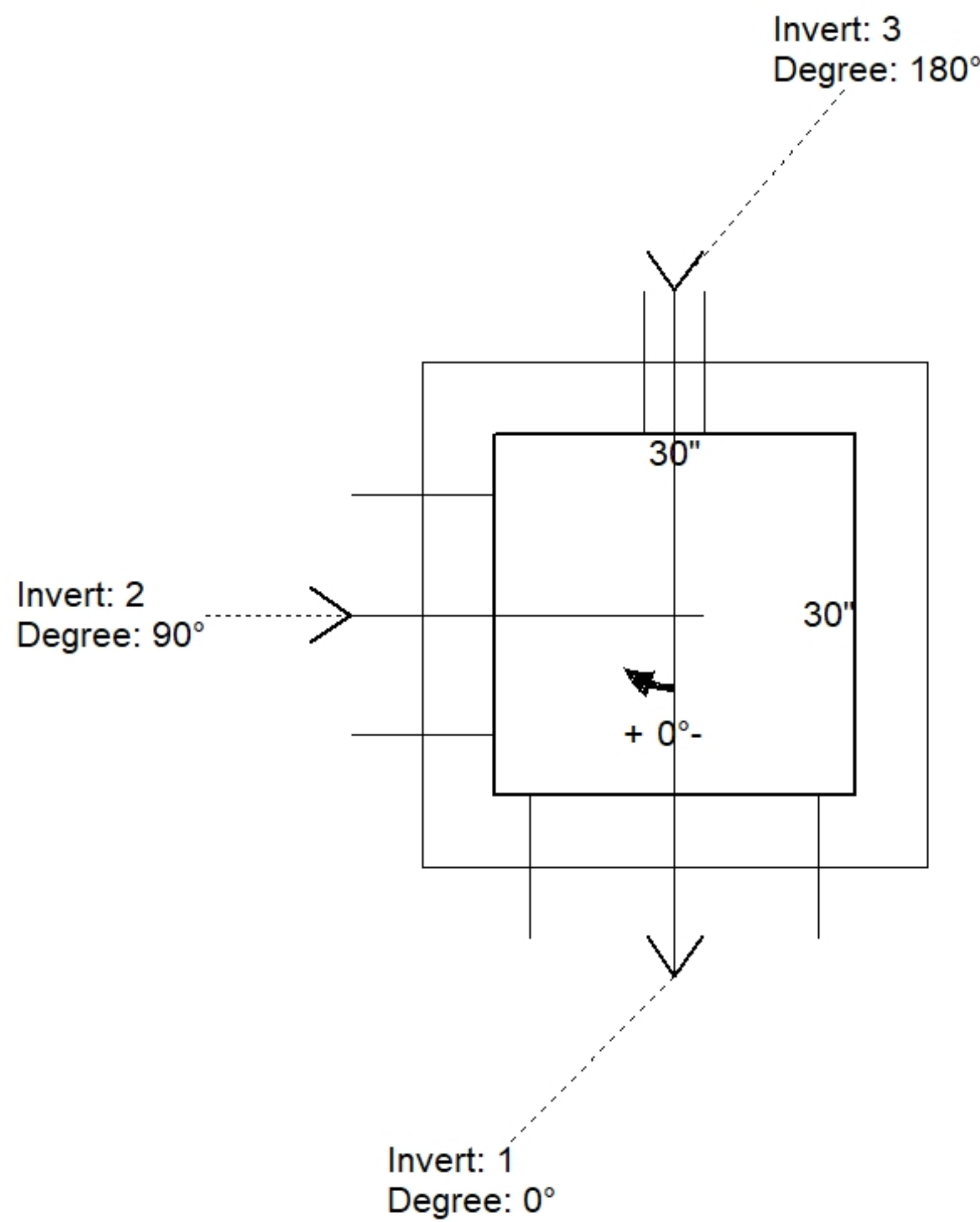
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 468 F/G)

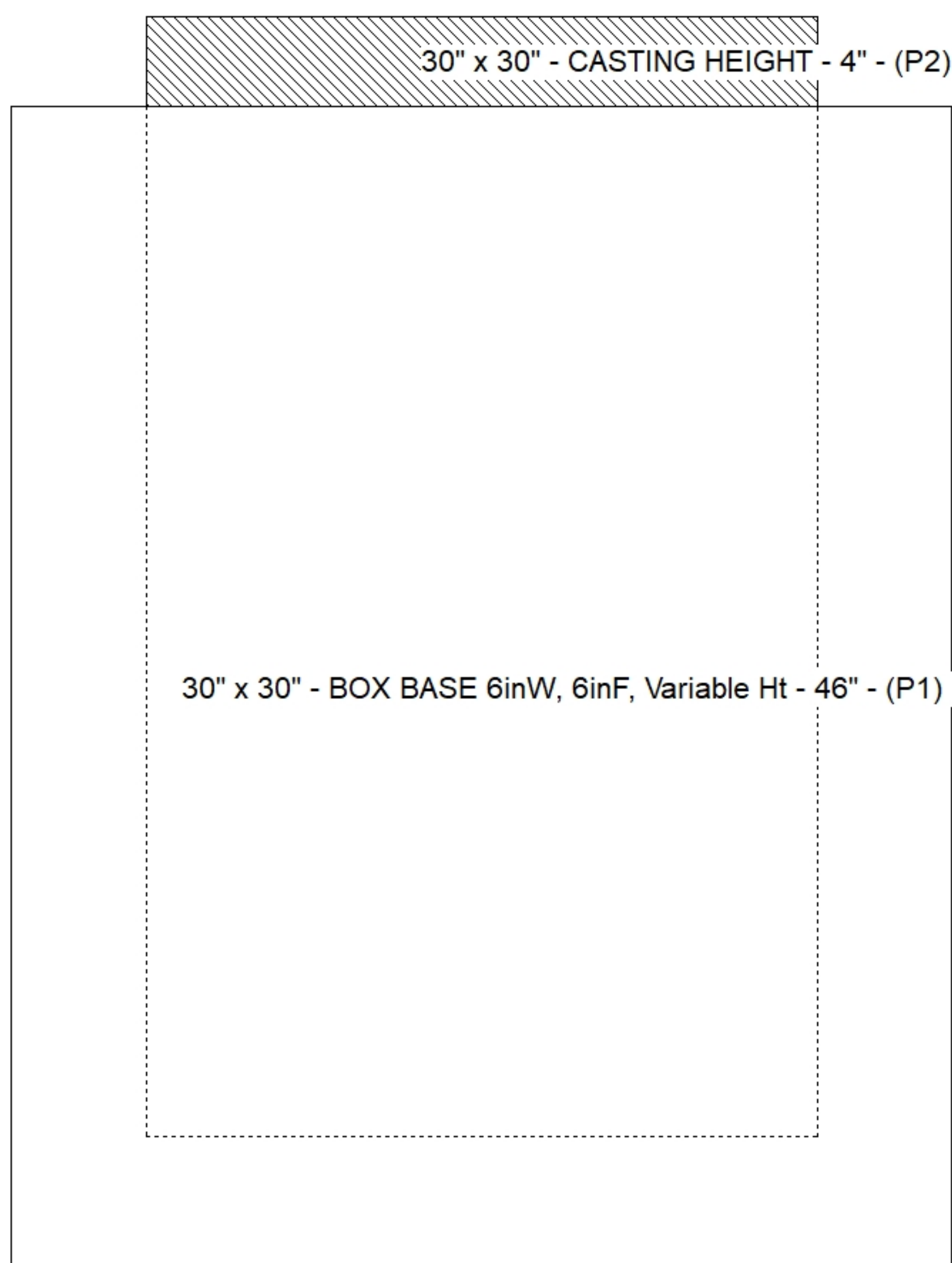
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

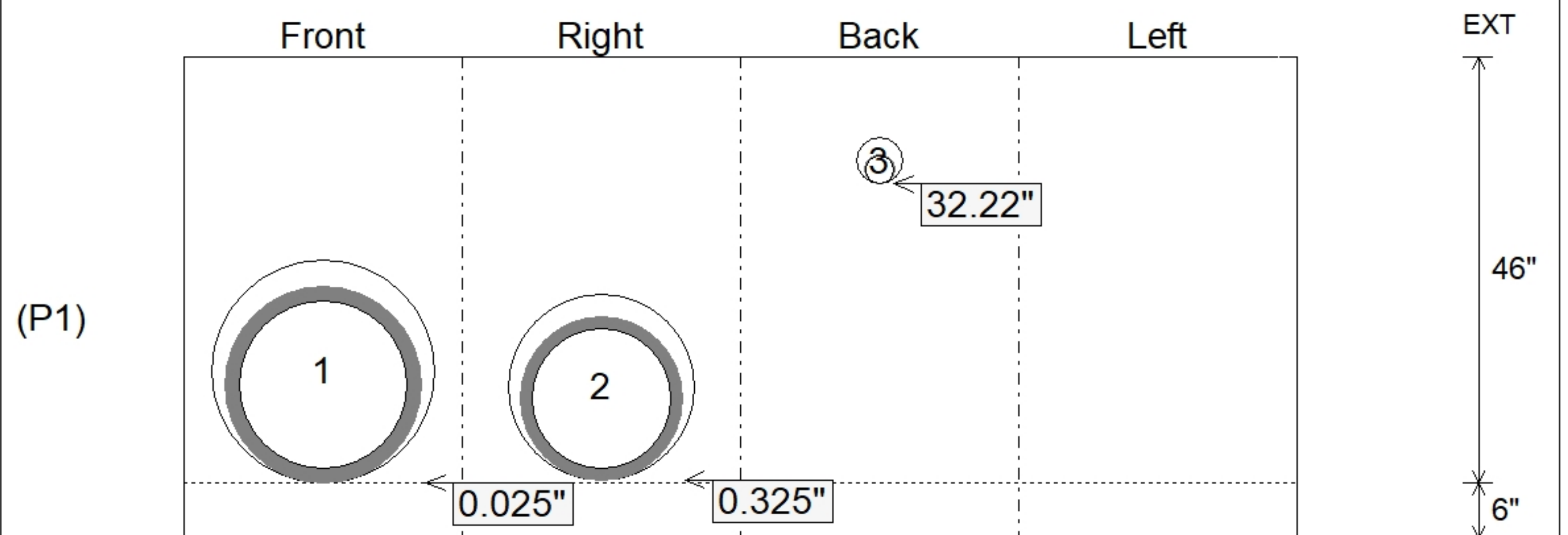
P2) 30" x 30" - CASTING HEIGHT - 4"	0 lb
P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht - 46"	3827 lb
1) CASTING - HOE 468 F/G	489 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
1) Hole - 24	0 lb
1) Hole - 20	0 lb
1) Hole - 5	0 lb
Structure Total:	4316 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	395.45'							
Reducer								
Invert 1	391.39'	0°	18" HDPE	21.2"	24"	Hole 24	0.025"	P1
Invert 2	391.39'	90°	15" HDPE	17.6"	20"	Hole 20	0.325"	P1
Invert 3	393.95'	180°	3" PVC SDR35	3.25"	5"	Hole 5	32.22"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: