Job Name: 26-2783 - Kentucky Livestock Innovation Center
Job Location: Versailles, KY
Contractor: Lagco Inc.

PC: M. Sullivan
TECH: J. Coppage
Plant: Beaver Dam

Structure ID: **DI-4A3**
Spec: Storm
Type: BX 8inW, 8inF
Size: 24" x 24"

Rim: 854.5'
Invert: 851.5'
Rim to Invert: 3'

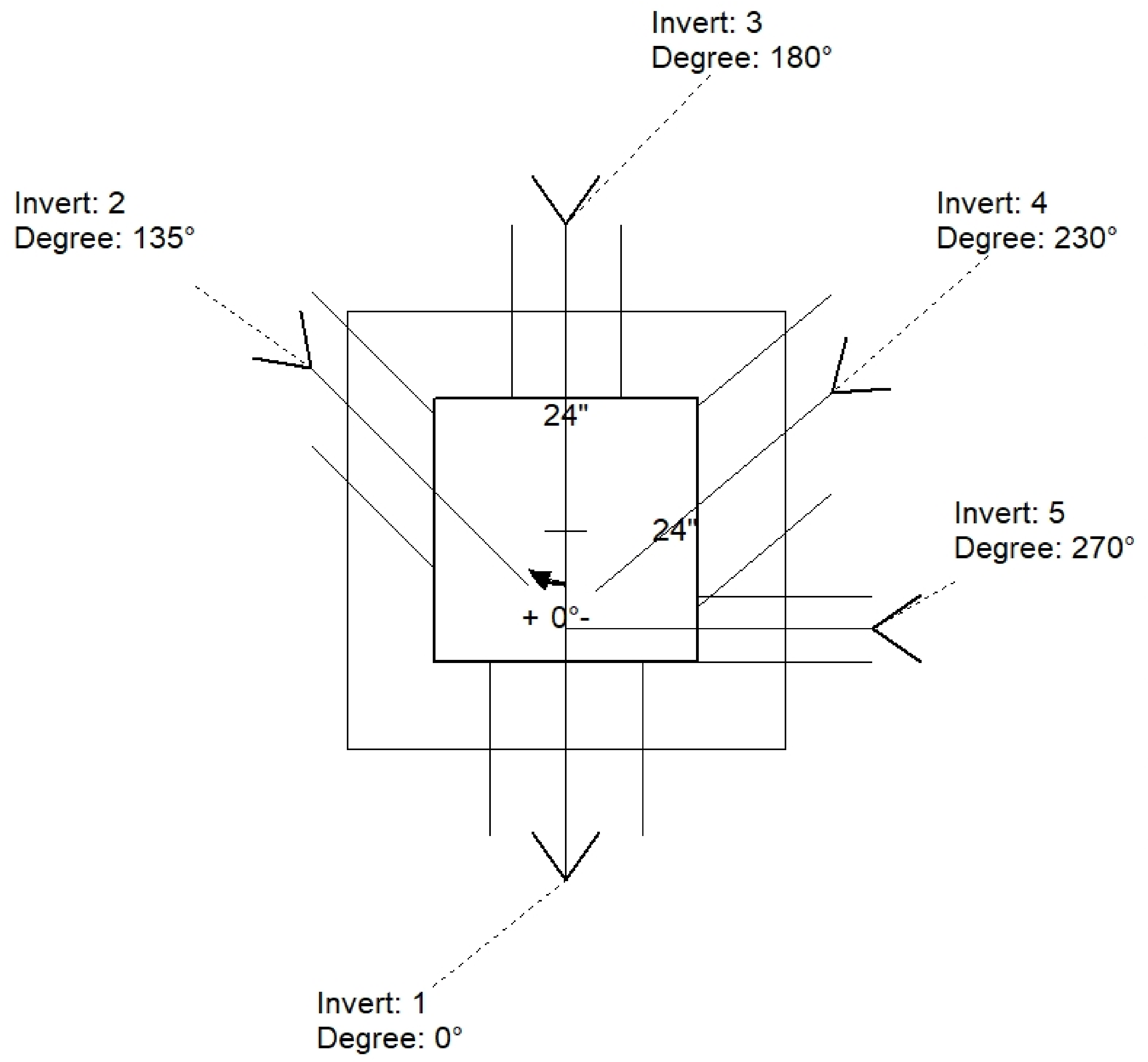
Sump: 0"
Floor (Top): 851.5'
Floor Height: 8"

Floor (Bot): 850.833'
Overall Height: 3.667'
Slack: 0"

Structure Notes: .
1. JR HOE HOE-280T F/G PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. 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.
5. VERIFY THE ELEVATION OF THE 4" PERF PIPE THAT HAS BEEN ADDED TO THE STRUCTURE.

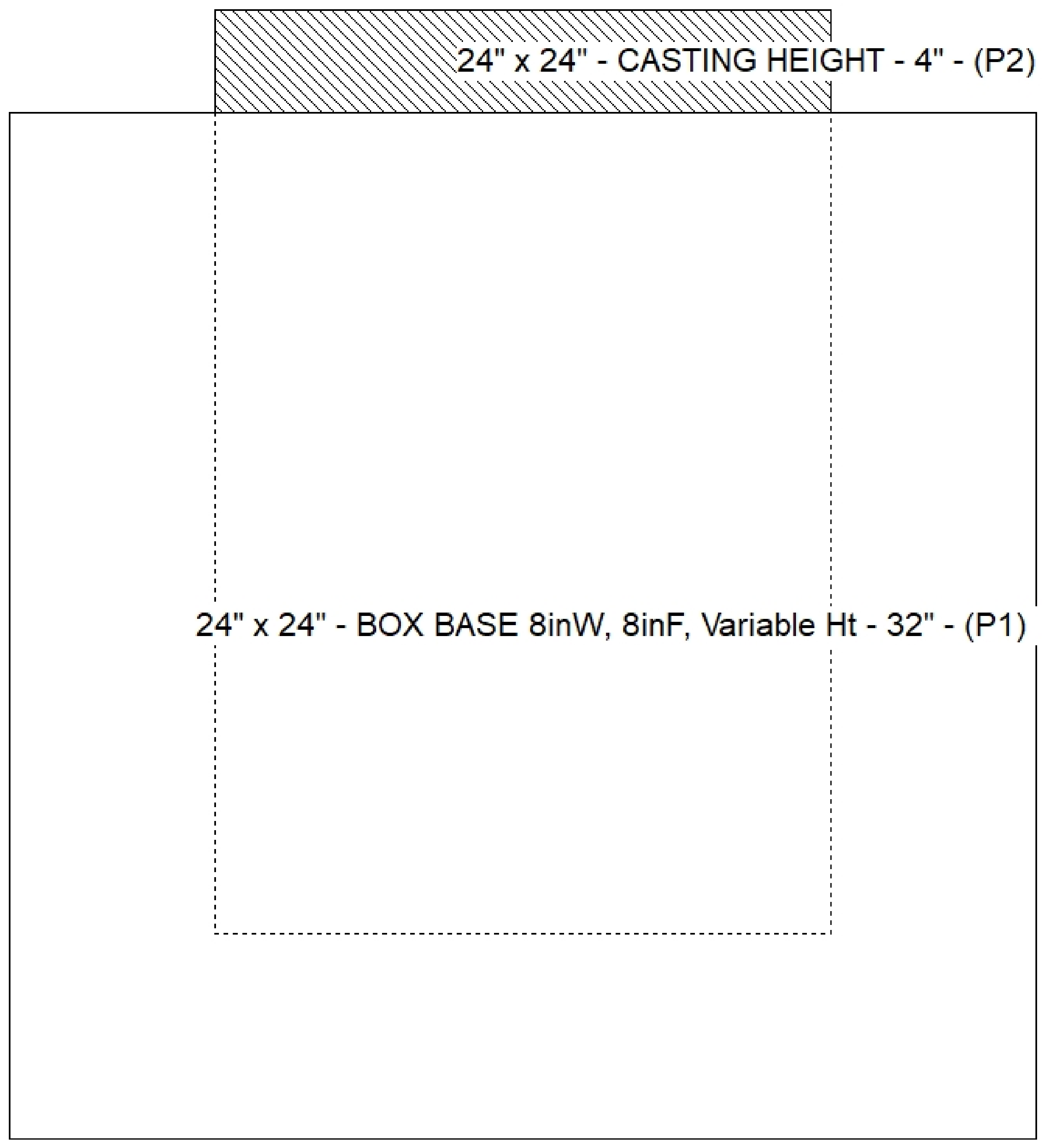
STRUCTURE SUMMARY:

P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 32"	3444 lb
1) CASTING - HOE 280T F/G	182 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
2) Hole - 14	0 lb
2) Hole - 10	0 lb
1) Hole - 6	0 lb
Structure Total:	3626 lb



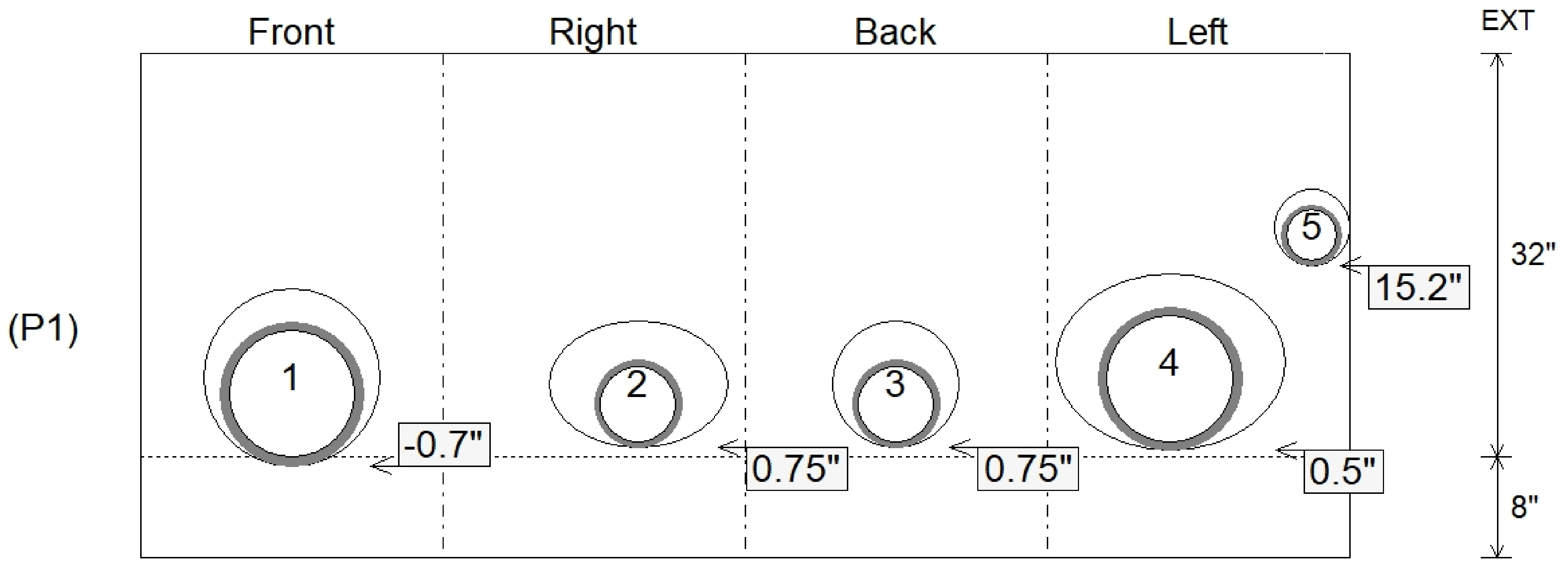
Invert: 3
Degree: 180°
Invert: 2
Degree: 135°
Invert: 4
Degree: 230°
24"
24"
Invert: 5
Degree: 270°
+ 0°-
Invert: 1
Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	854.5'							
Reducer								
Invert 1	851.5'	0°	10" HDPE	11.4"	14"	Hole 14	-0.7"	P1
Invert 2	851.6'	135°	6" HDPE	6.9"	10"	Hole 10	0.75"	P1
Invert 3	851.6'	180°	6" HDPE	6.9"	10"	Hole 10	0.75"	P1
Invert 4	851.6'	230°	10" HDPE	11.4"	14"	Hole 14	0.5"	P1
Invert 5	852.8'	270°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	15.2"	P1
Invert 6								
Invert 7								
Invert 8								



24" x 24" - CASTING HEIGHT - 4" - (P2)
24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 32" - (P1)

Default - Interior Dimensions



Front
Right
Back
Left
EXT
(P1)
5
15.2"
32"
1
2
3
4
-0.7"
0.75"
0.75"
0.5"
8"

Submittal Drawing
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SUBMITTAL
APPROVED BY: