

Job Name: 25-1626 Junior Achievement Building
Job Location: Evansville, IN
Contractor: Russell's Excavating

PC: J.Jarvis
 TECH: C.Russ
 Plant: Beaver Dam



Structure ID: CI 104

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

Rim: 397.1'
 Invert: 392.82'
 Rim to Invert: 4.28'

Sump: 2.5"
 Floor (Top): 392.612'
 Floor Height: 8"

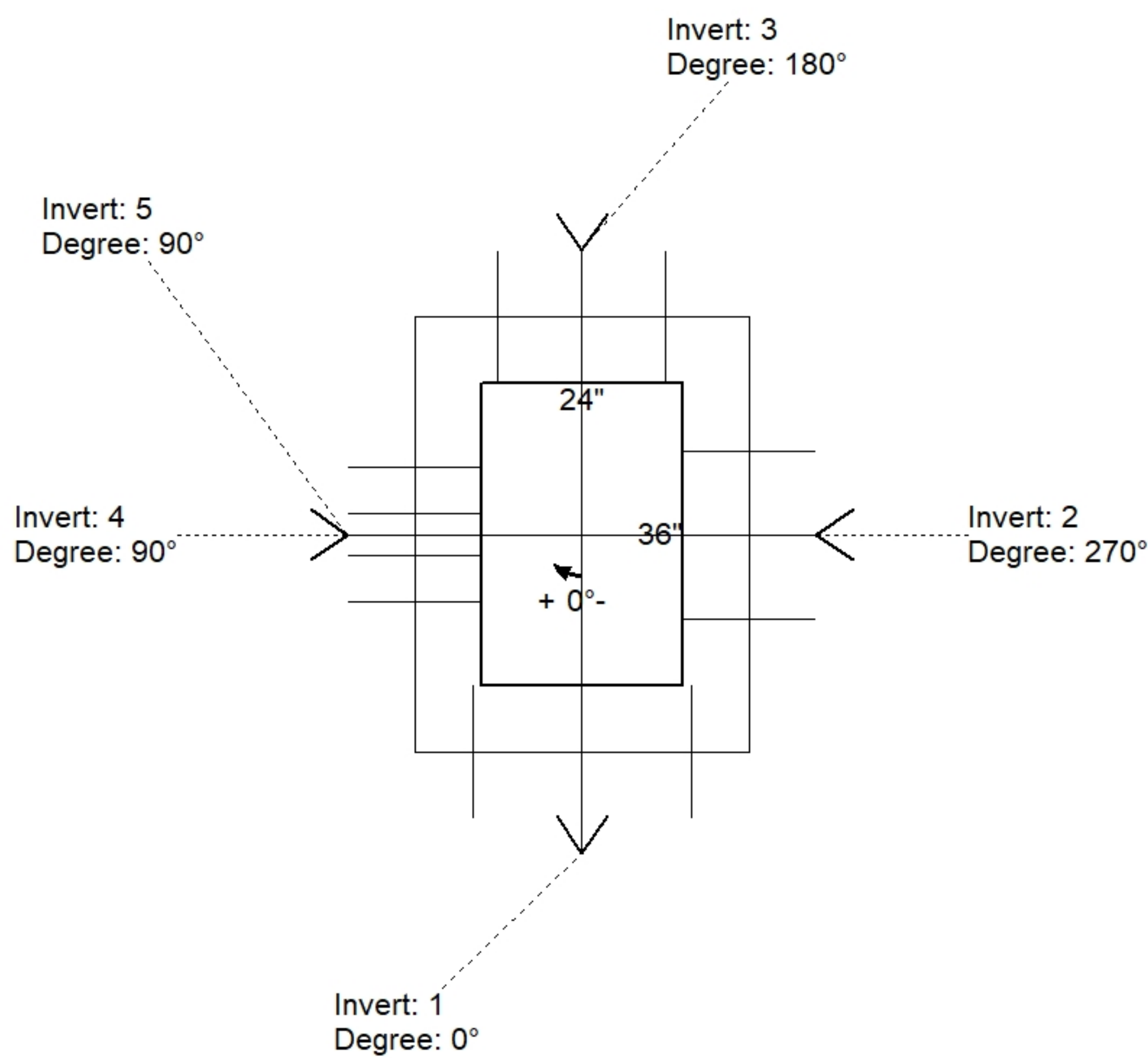
Floor (Bot): 391.945'
 Overall Height: 5.083'
 Slack: 0.86"

Structure Notes:

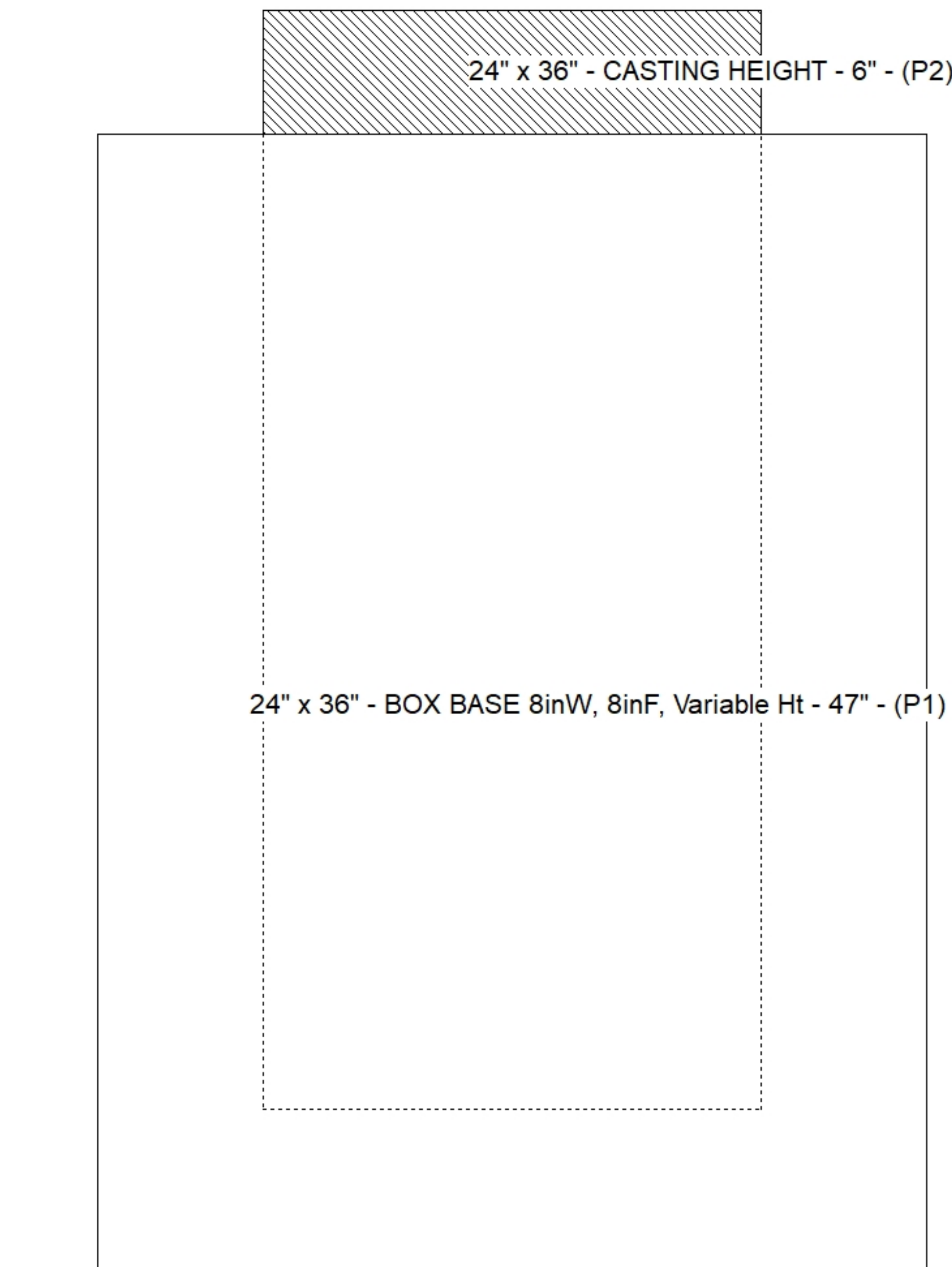
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. HOE 525 PROVIDED BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

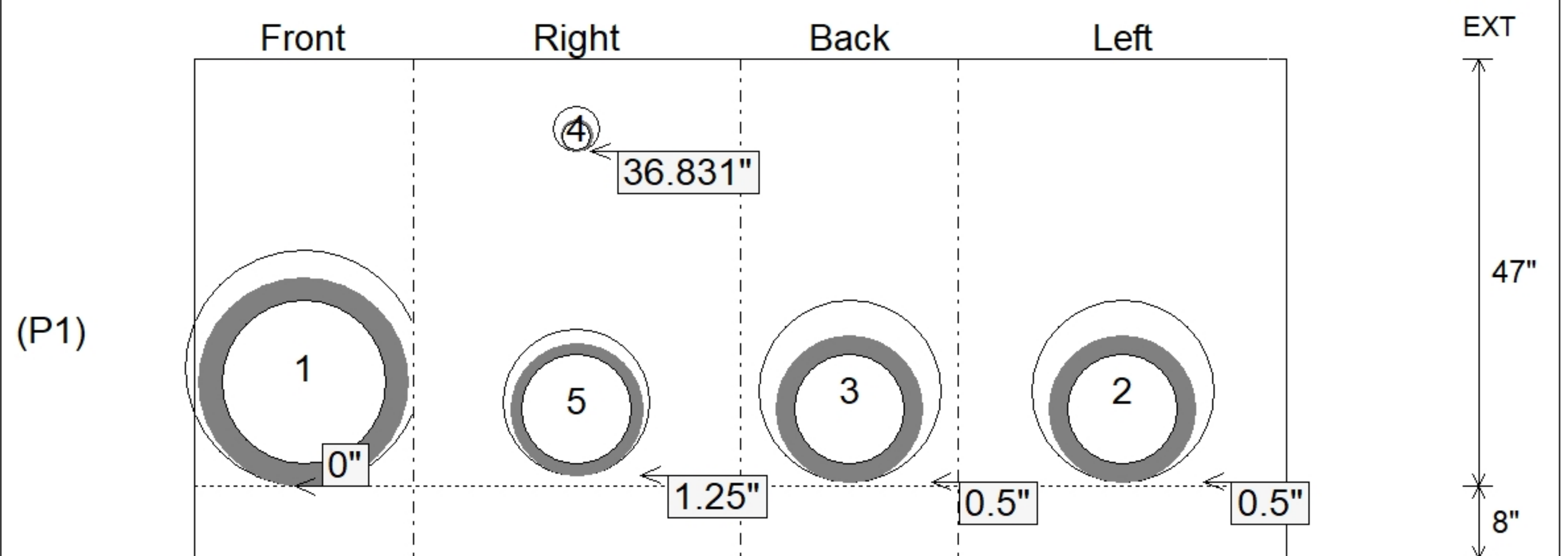
P2) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 47"	5355 lb
1) 24" x 36" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 26	0 lb
2) Hole - 20	0 lb
1) Hole - 5	0 lb
1) Hole - 16	0 lb
Structure Total:	5355 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	397.1'							
Reducer								
Invert 1	392.82'	0°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	392.82'	270°	12" RCP B WALL	16"	20"	Hole 20	0.5"	P1
Invert 3	392.82'	180°	12" RCP B WALL	16"	20"	Hole 20	0.5"	P1
Invert 4	395.7'	90°	3" PVC SCH40	3.5"	5"	Hole 5	36.831"	P1
Invert 5	392.82'	90°	12" HDPE	14.5"	16"	Hole 16	1.25"	P1
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 11/18/2025 7:46:20 AM

SUBMITTAL
 APPROVED BY: