

Job Name: 25-2860 Grace Park
Job Location: Nashville, TN
Contractor: Elite Building Group Inc.

PC: A.Chambers
 TECH: C.Russ
 Plant: Beaver Dam



Structure ID: 9
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 48" x 48"

Rim: 575.75'
 Invert: 570'
 Rim to Invert: 5.75'

Sump: 0"
 Floor (Top): 570'
 Floor Height: 8"

Floor (Bot): 569.333'
 Overall Height: 6.417'
 Slack: 0"

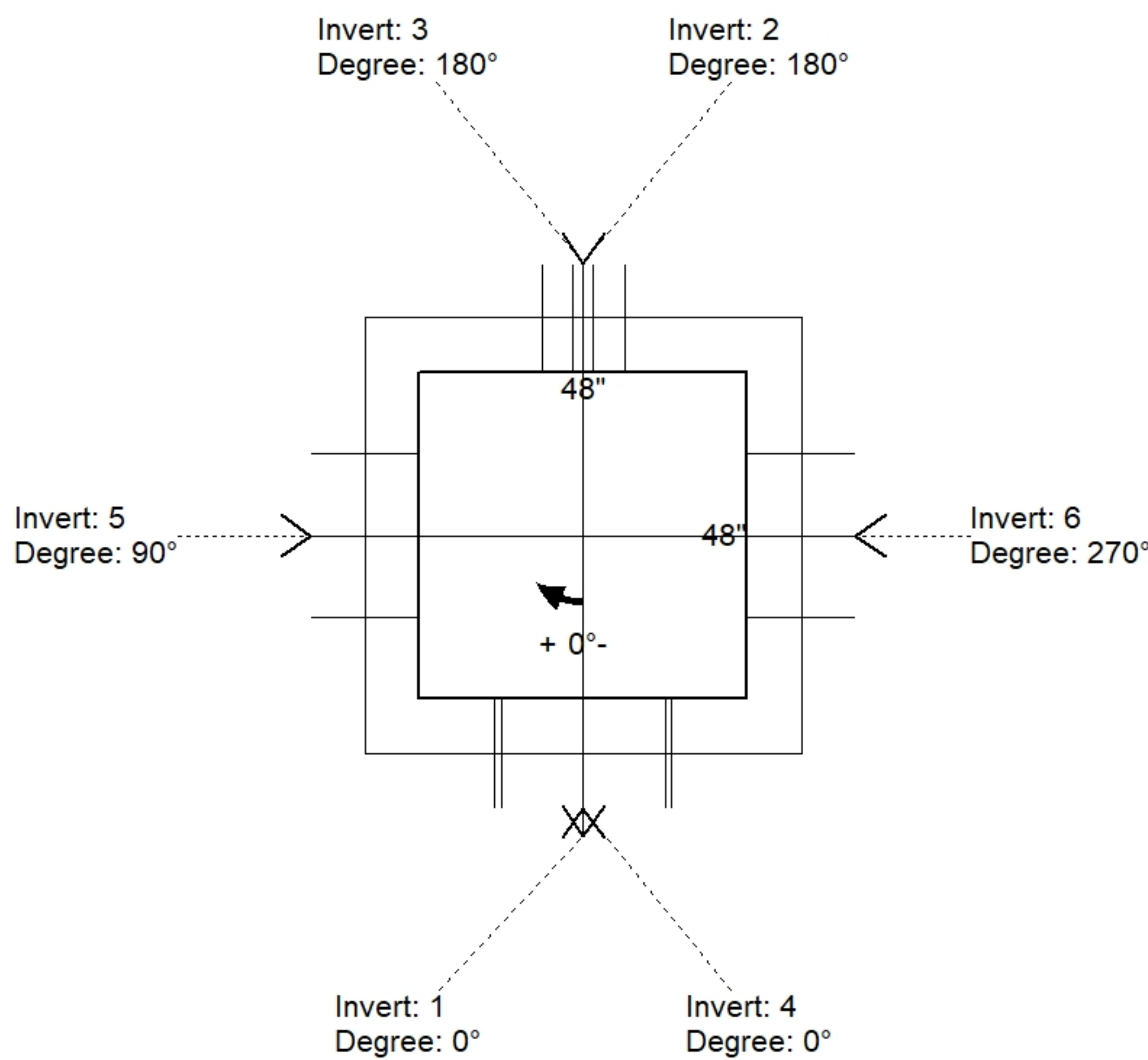
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS

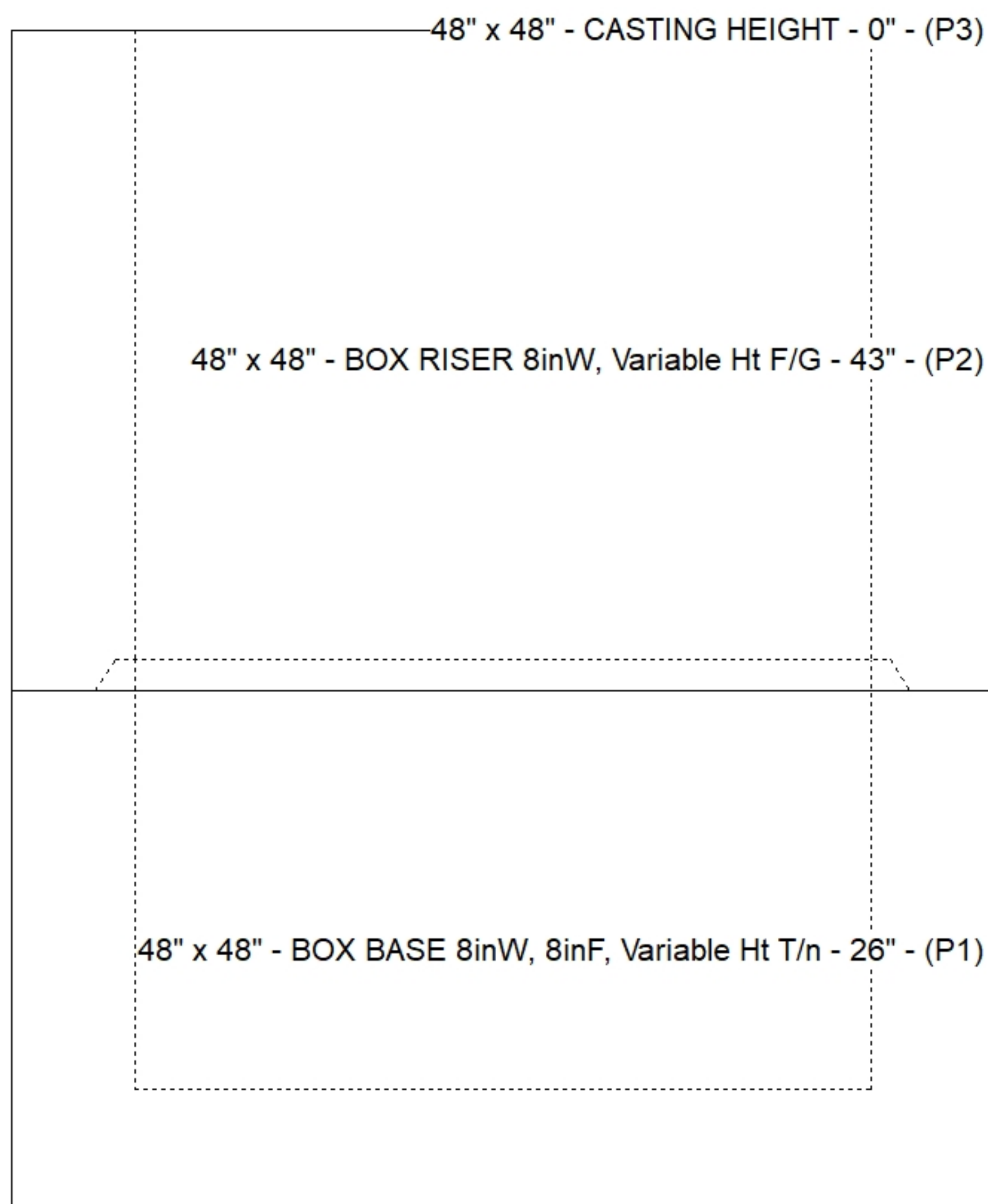
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

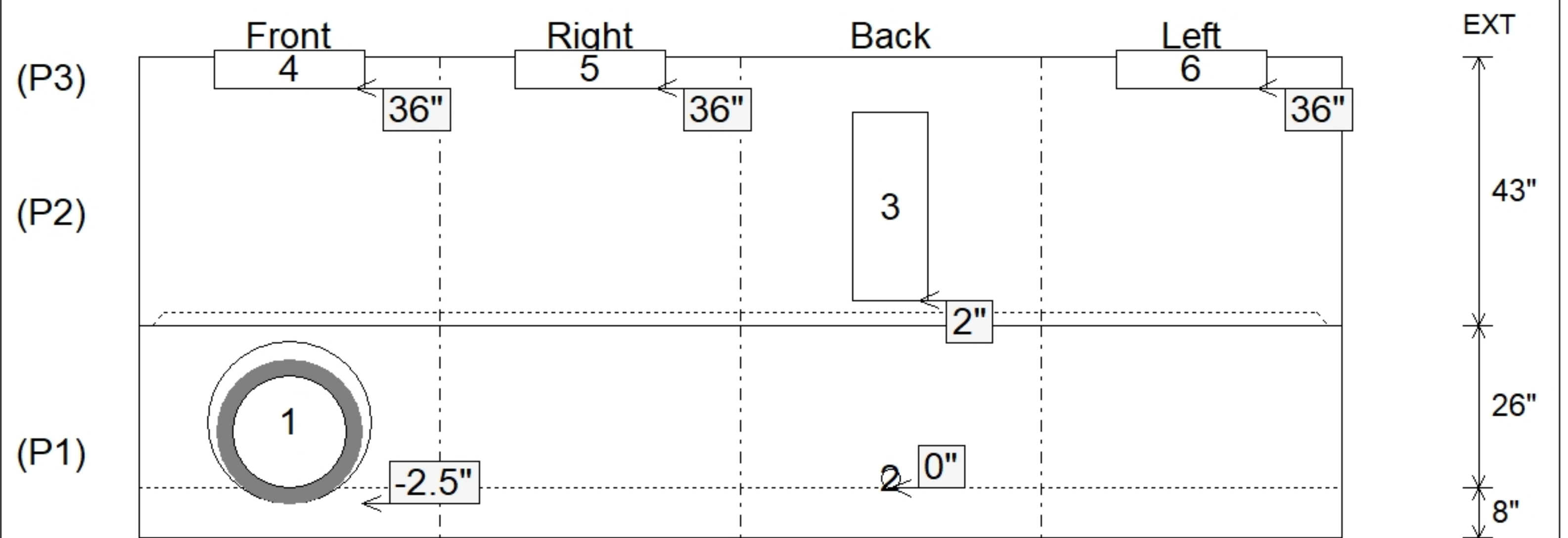
P3) 48" x 48" - CASTING HEIGHT - 0"	0 lb
P2) 48" x 48" - BOX RISER 8inW, Variable Ht F/G - 43"	5981 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht T/n - 26"	6298 lb
1) Hole - 26	0 lb
1) Hole - 3	0 lb
1) Vert. Slot n/n - 12"x30"	0 lb
3) Horiz Slot n/n - 24"X6"	0 lb
Structure Total:	12279 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	575.75'							
Reducer								
Invert 1	570'	0°	18" RCP B WALL	23"	26"	Hole 26	-2.5"	P1
Invert 2	570'	180°	3" Orifice	3"	3"	Hole 3	0"	P1
Invert 3	572.5'	180°	12" x 30" Vert. Slot	12" x 30"	12" x 30"	Vert. Slot 12"x30"	2"	P2
Invert 4	575.33'	0°	24" x 6" Horiz Slot	24" x 6"	24" x 6"	Horiz Slot 24"X6"	36"	P2
Invert 5	575.33'	90°	24" x 6" Horiz Slot	24" x 6"	24" x 6"	Horiz Slot 24"X6"	36"	P2
Invert 6	575.33'	270°	24" x 6" Horiz Slot	24" x 6"	24" x 6"	Horiz Slot 24"X6"	36"	P2
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/14/2025 3:20:34 PM

SUBMITTAL
 APPROVED BY: