

Job Name: 25-3234 BELMARK VAULT 2
Job Location: Scottsville, KY
Contractor: Core & Main LP (BG)

PC: E. Bradley
 TECH: J.Horsley
 Plant: 100



Structure ID: VAULT 3in

Spec: Storm-Pipe Centered
 Type: BX 6inW, (Open Btm)
 Size: 48" x 96"

Rim: 6.67'
 Invert: 0.542'
 Rim to Invert: 6.128'

Sump: 6.499"
 Floor (Top): 0'
 Floor Height: 0"

Floor (Bot): 0'
 Overall Height: 6.667'
 Slack: 0.04"

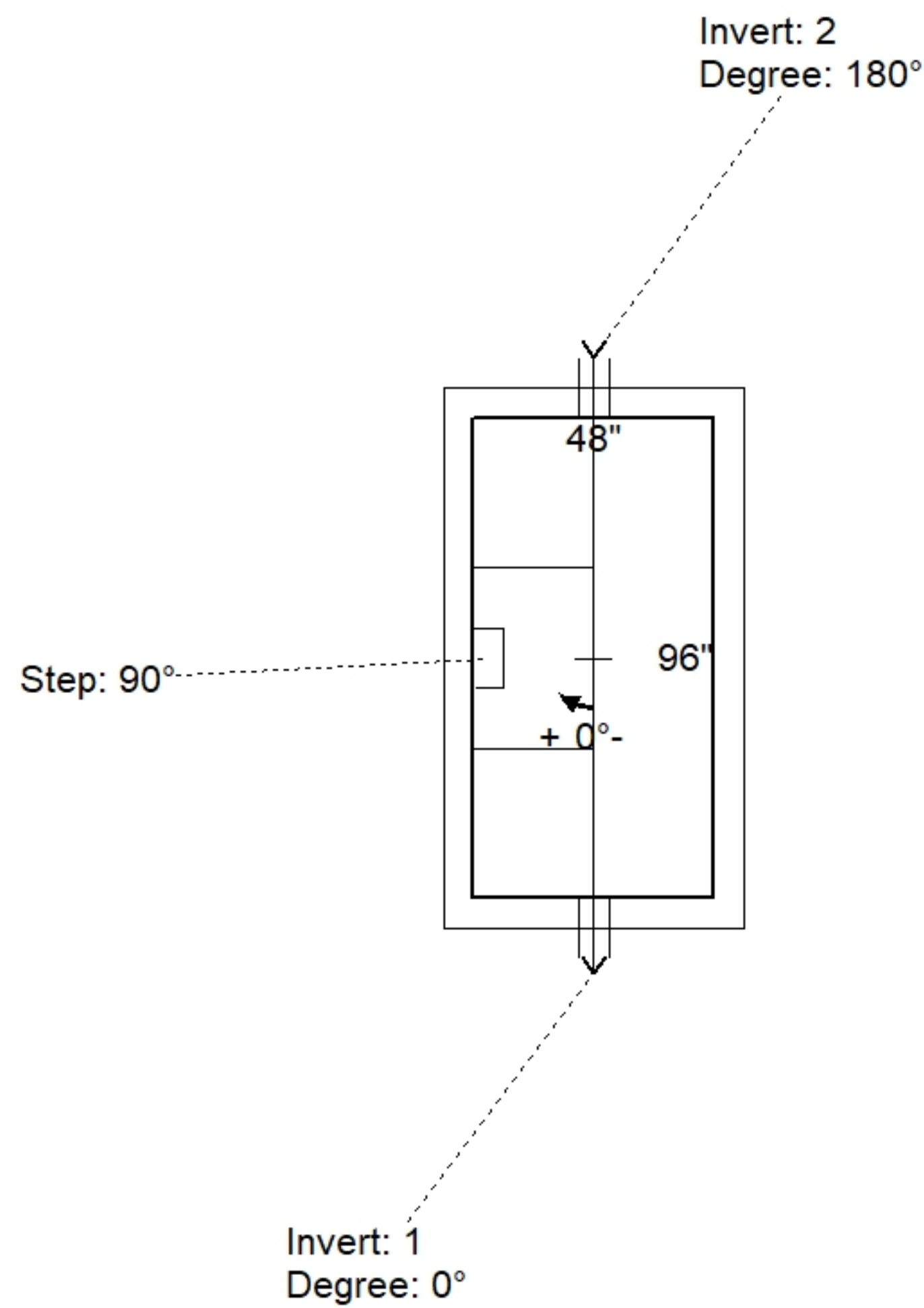
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. CASTING BY ?

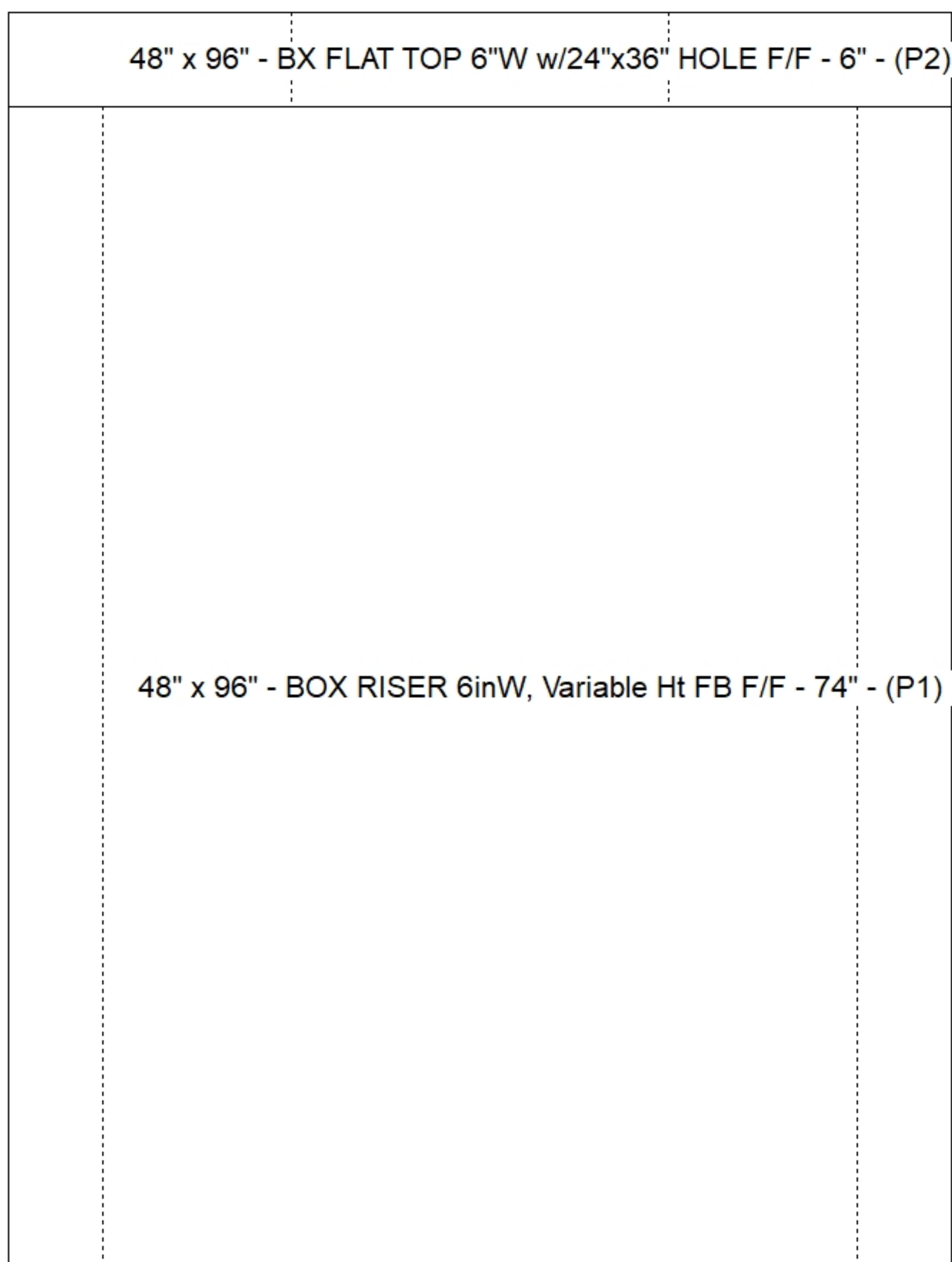
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB = H20 LOADING.
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.

STRUCTURE SUMMARY:

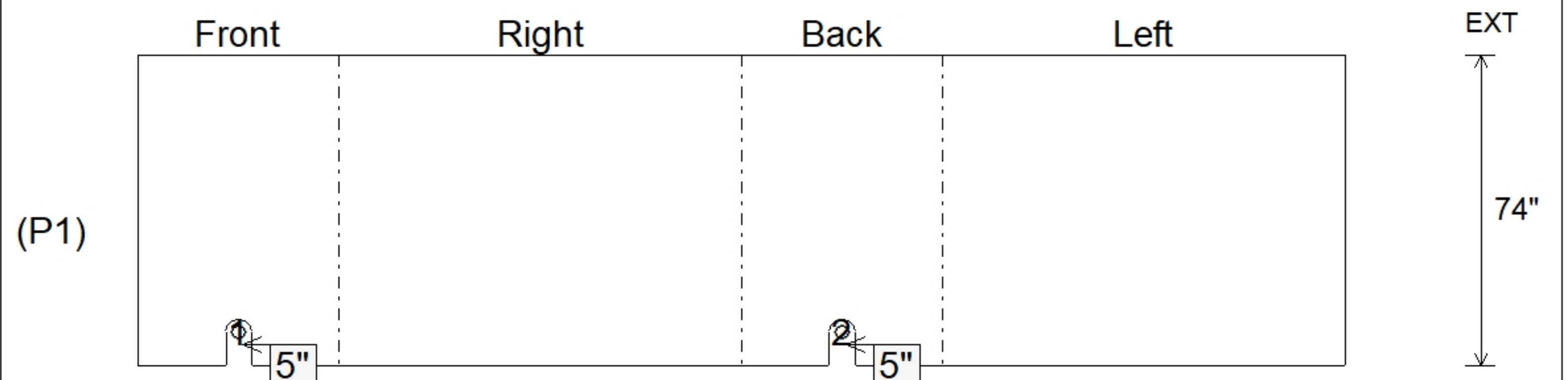
P2) 48" x 96" - BX FLAT TOP 6"W w/24"x36" HOLE F/F - 6"	2827 lb
P1) 48" x 96" - BOX RISER 6inW, Variable Ht FB F/F - 74"	11562 lb
1) HATCH (Alum.) - HALLIDAY W1S 24"x36"	61 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" x 96" - SGL 1"x14.5' Butyl (2x)	0 lb
2) DOGHOUSE - 6"x6"	0 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	14450 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	6.67'							
Reducer								
Invert 1	0.542'	0°	3" DI	3.5"	6" x 6"	DOGHOUSE 6"x6"	5"	P1
Invert 2	0.542'	180°	3" DI	3.5"	6" x 6"	DOGHOUSE 6"x6"	5"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 11/8/2025 9:53:36 AM

SUBMITTAL
 APPROVED BY: