

**Job Name: 23-1914 - KYTC Daviess County ID 231032**  
**Job Location: Owensboro, KY 42701**  
**Contractor: Mick-Murf Construction Inc.**

PC: C. Goff  
 TECH: J. Horsley  
 Plant: 100



Structure ID: **077 (JB 42in)**  
 Spec: KYTC  
 Type: Junction Box A private  
 Size: 36" x 48"

Rim: 421.5'  
 Invert: 416.72'  
 Rim to Invert: 4.78'

Sump: 0"  
 Floor (Top): 416.72'  
 Floor Height: 8"

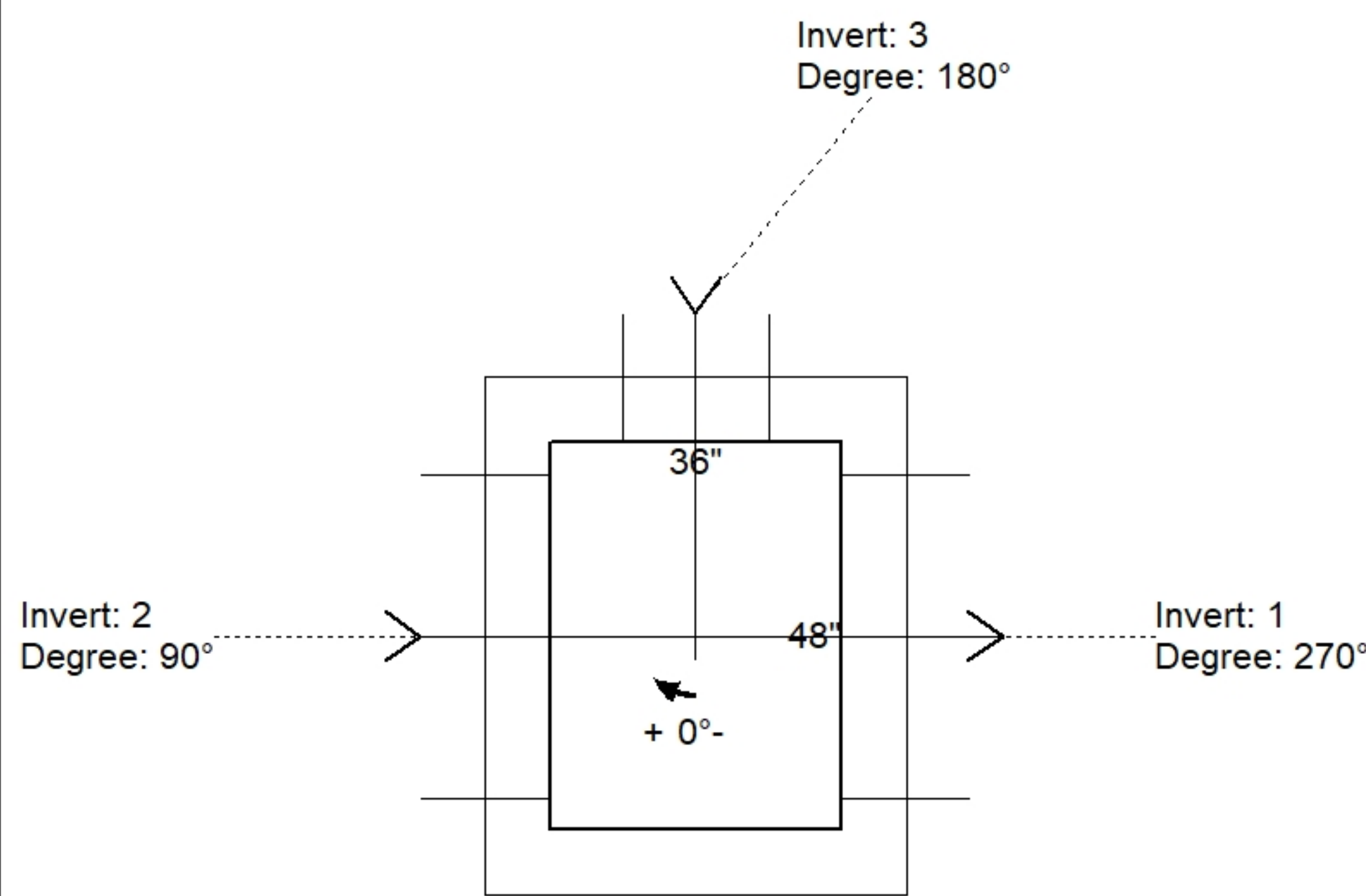
Floor (Bot): 416.053'  
 Overall Height: 5.333'  
 Slack: 1.36"

**Structure Notes:**  
 \*\* KYTC STATE PROJECT \*\*  
 1. PER KYTC JUNCTION BOX / ASTM C913 SPEC'S.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. NO STEPS & NO INVERT CHANNEL.  
 4. SOLID TOP SLAB - NO CASTING.

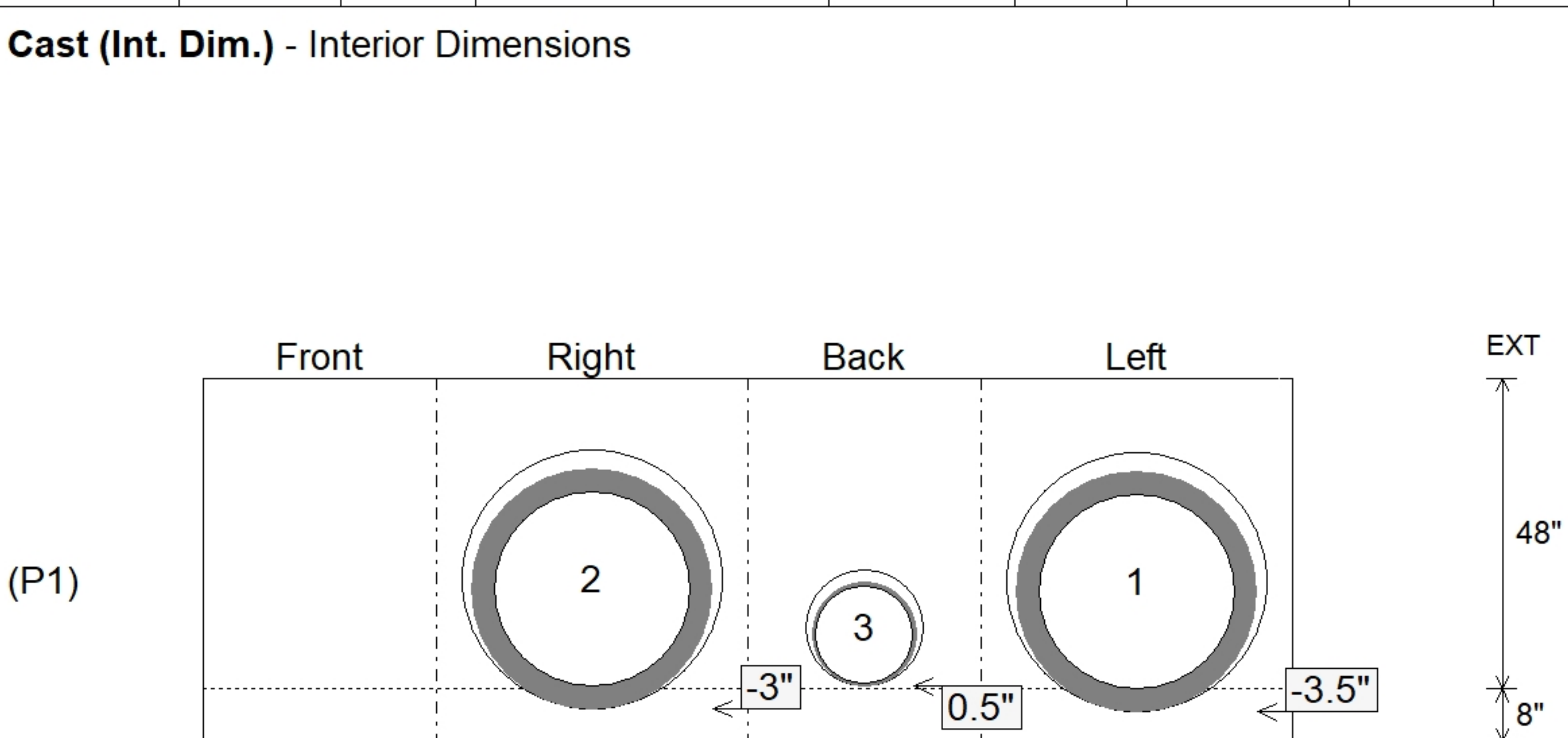
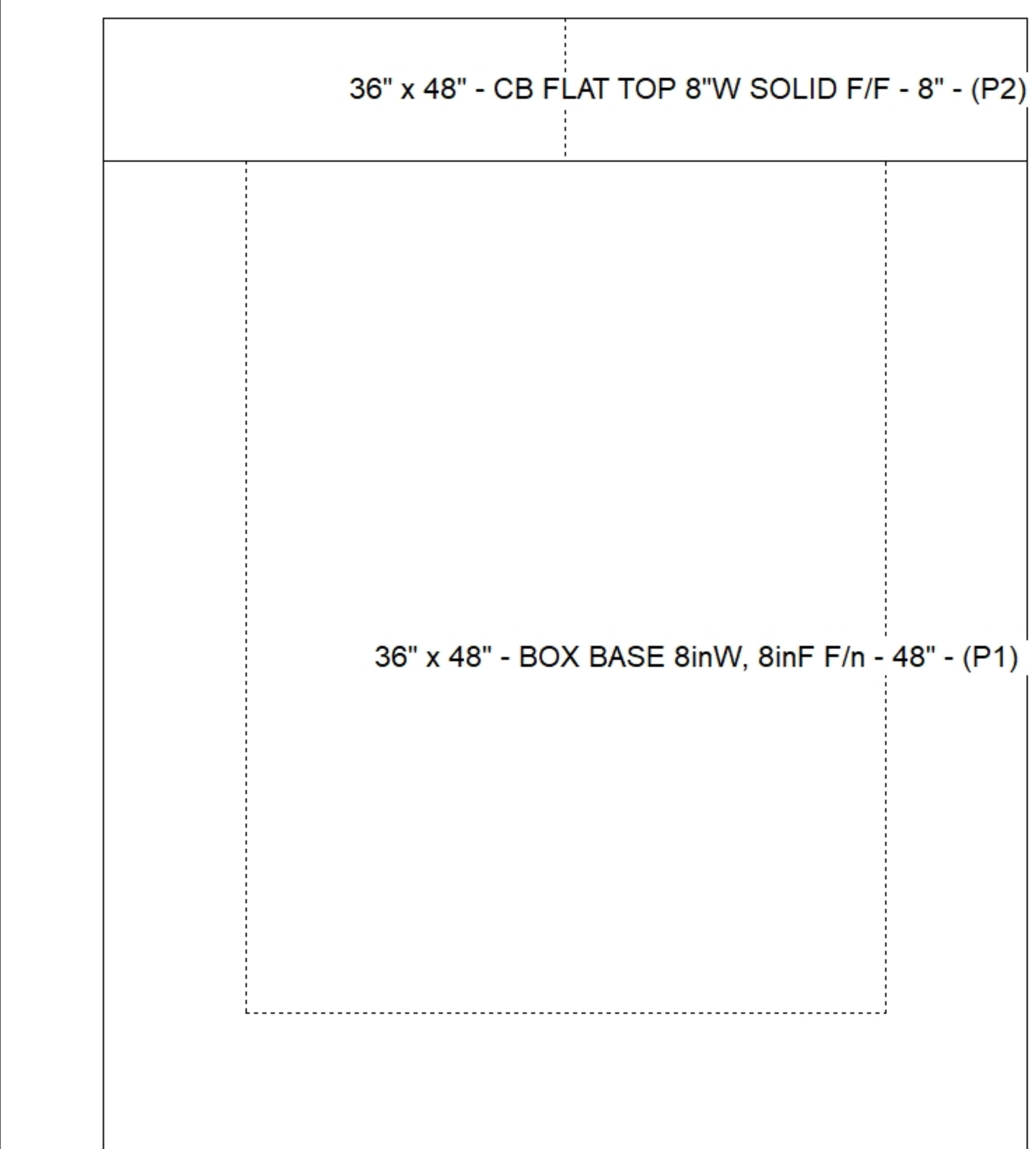
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As. 62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W. NO STEPS

**STRUCTURE SUMMARY:**

P2) 36" x 48" - CB FLAT TOP 8"W SOLID F/F - 8"	2234 lb
P1) 36" x 48" - BOX BASE 8inW, 8inF F/n - 48"	6821 lb
1) 36" x 48" - Conseal CS-102 1.00"	0 lb
2) Hole - 40	0 lb
1) Hole - 18	0 lb
<b>Structure Total:</b>	<b>9055 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	421.5'							
Reducer								
Invert 1	416.72'	270°	30" RCP B WALL	37"	40"	Hole 40	-3.5"	P1
Invert 2	416.76'	90°	30" RCP B WALL	37"	40"	Hole 40	-3"	P1
Invert 3	416.8'	180°	15" CMP	16"	18"	Hole 18	0.5"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: