

**Job Name: 25-2511B - Blue Sky Sec 1 (Storm)**  
**Job Location: Clarksville, TN**  
**Contractor: Byard Construction, LLC**

PC: A. Chambers  
 TECH: J. Horsley - F  
 Plant: 100



Structure ID: S  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 36" x 108"

Rim: 499.86'  
 Invert: 495.02'  
 Rim to Invert: 4.84'

Sump: 0"  
 Floor (Top): 495.02'  
 Floor Height: 6"

Floor (Bot): 494.52'  
 Overall Height: 5.333'  
 Slack: 0.08"

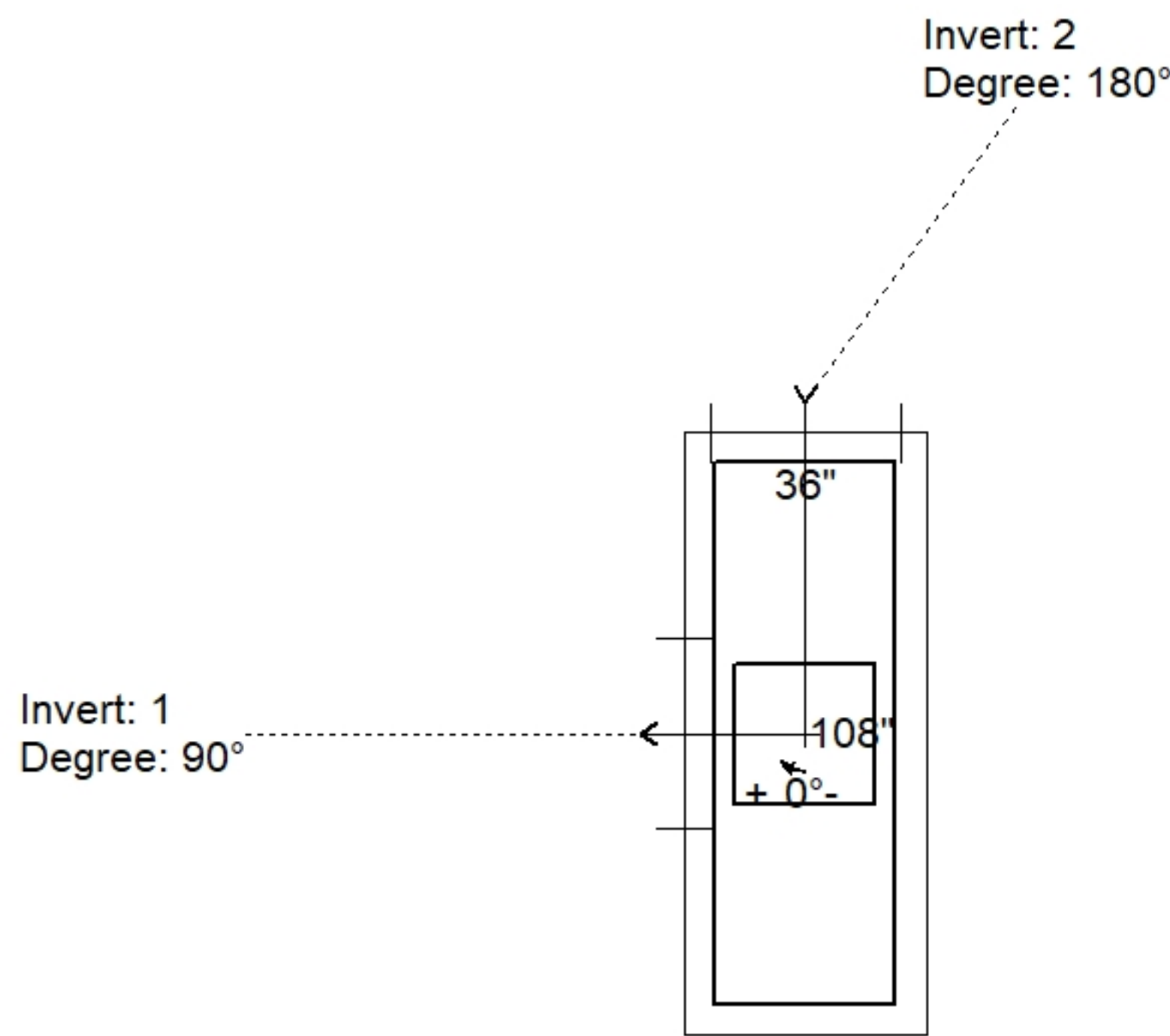
**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY I-CAST (3 ea. - JBS 3080-V SET F/G/H).

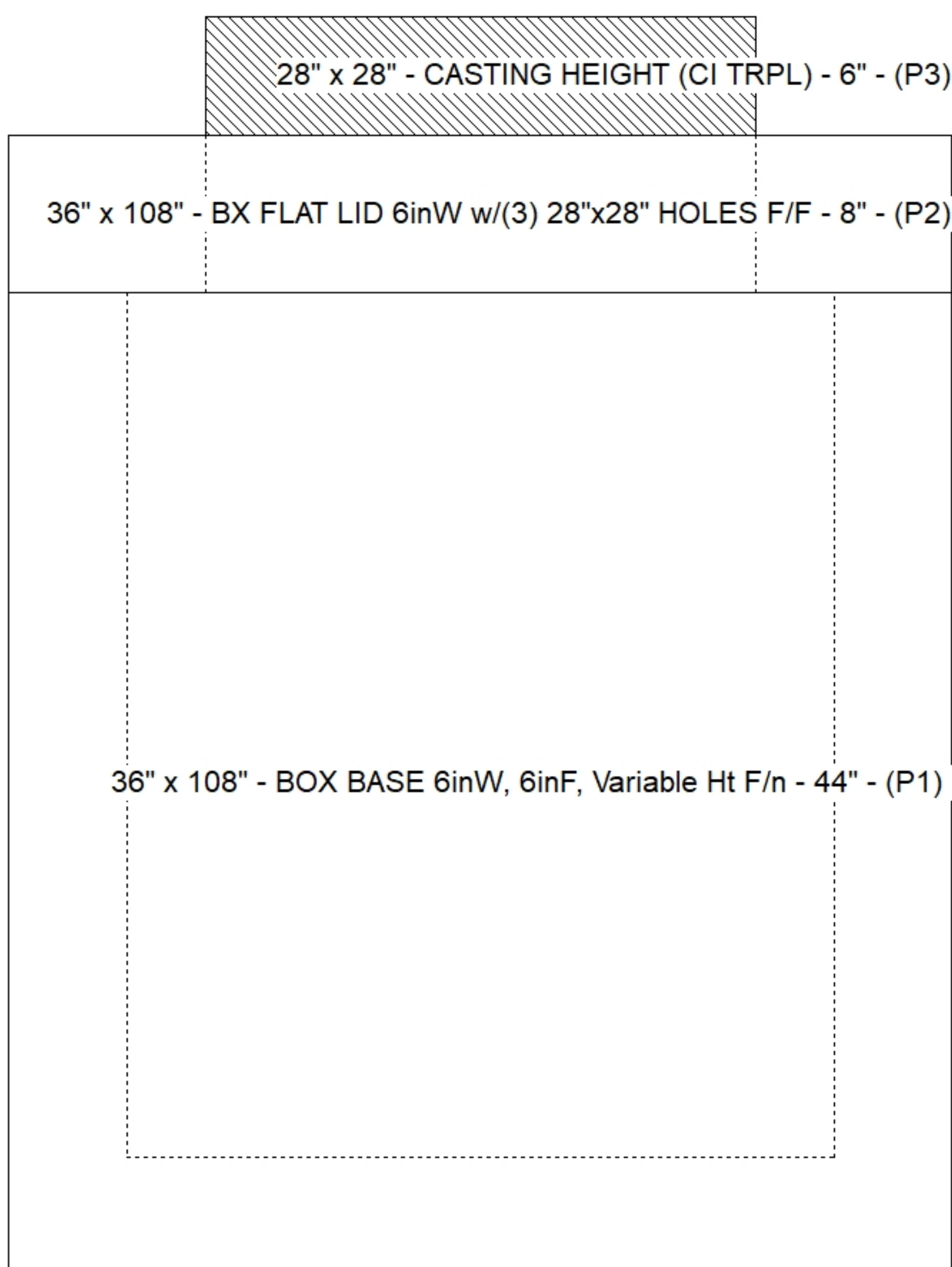
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

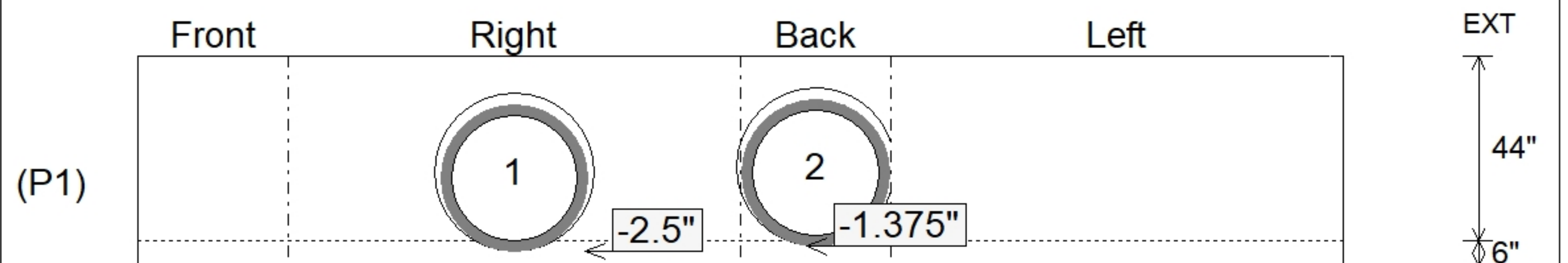
P3) 28" x 28" - CASTING HEIGHT (CI TRPL) - 6"	0 lb
P2) 36" x 108" - BX FLAT LID 6inW w/(3) 28"x28" HOLES F/F - 8"	1425 lb
P1) 36" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 44"	8812 lb
1) Conseal CS-102 1.00" (Single)	0 lb
3) CASTING - JBS 3080-V SET (F/G/H)	1500 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 38	0 lb
<b>Structure Total:</b>	<b>11737 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	499.86'							
Reducer								
Invert 1	495.02'	90°	30" HDPE	35.1"	38"	Hole 38	-2.5"	P1
Invert 2	495.12'	180°	30" HDPE	35.1"	38"	Hole 38	-1.375"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: