

**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: **G**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 28" x 28"

Rim: 517.69'  
 Invert: 514.04'  
 Rim to Invert: 3.65'

Sump: 0"  
 Floor (Top): 514.04'  
 Floor Height: 6"

Floor (Bot): 513.54'  
 Overall Height: 4.083'  
 Slack: 0.8"

**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 (JBS 3080-V SET (F/G/H)).

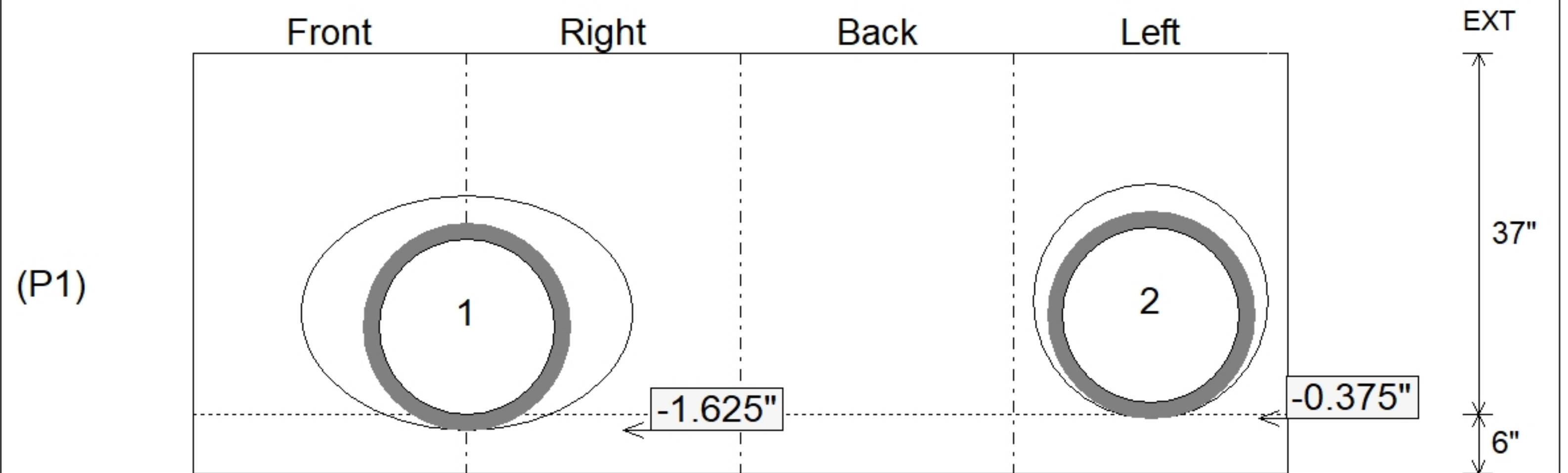
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

P2) 28" x 28" - CASTING HEIGHT - 6"	0 lb
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 37"	2789 lb
1) Conseal CS-102 1.00" (Single)	0 lb
1) CASTING - JBS 3080-V SET (F/G/H)	500 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 24	0 lb
<b>Structure Total:</b>	<b>3289 lb</b>

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (⌋)	Ref
Rim	517.69'							
Reducer								
Invert 1	514.04'	45°	18" HDPE	21.2"	24"	Hole 24	-1.625"	P1
Invert 2	514.14'	270°	18" HDPE	21.2"	24"	Hole 24	-0.375"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

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



Submittal Drawing  
 11/17/2025 4:59:22 PM

SUBMITTAL  
 APPROVED BY:

