

**Job Name: 25-3438 - John H. Stigall Drive**  
**Job Location: Danville, KY**  
**Contractor: Todd Johnson Contracting, Inc.**

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

Structure ID: **G-1**  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 36"

Rim: 961.31'  
 Invert: 956.5'  
 Rim to Invert: 4.81'

Sump: 0"  
 Floor (Top): 956.5'  
 Floor Height: 8"

Floor (Bot): 955.833'  
 Overall Height: 5.417'  
 Slack: 0.72"

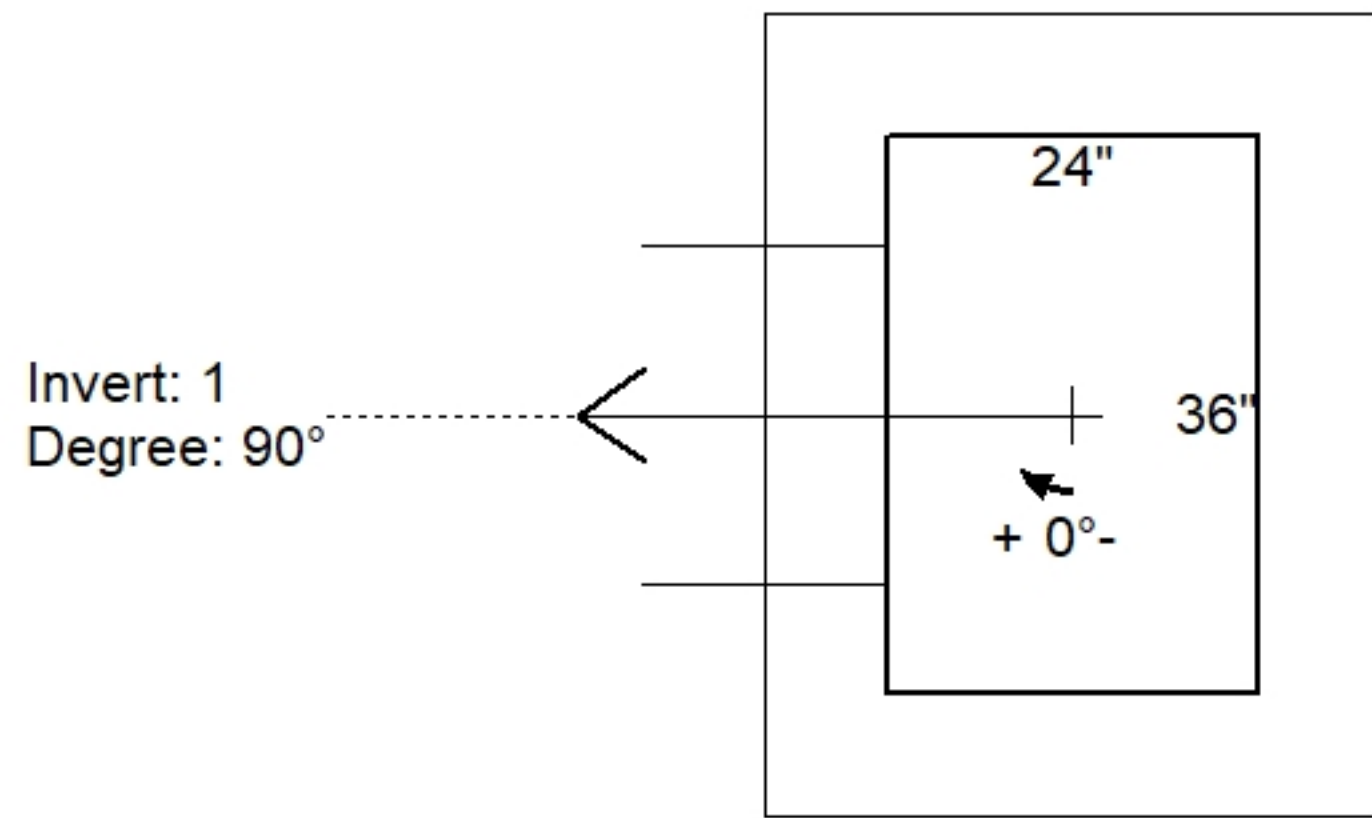
**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 525 LV SET (F/G/H)).

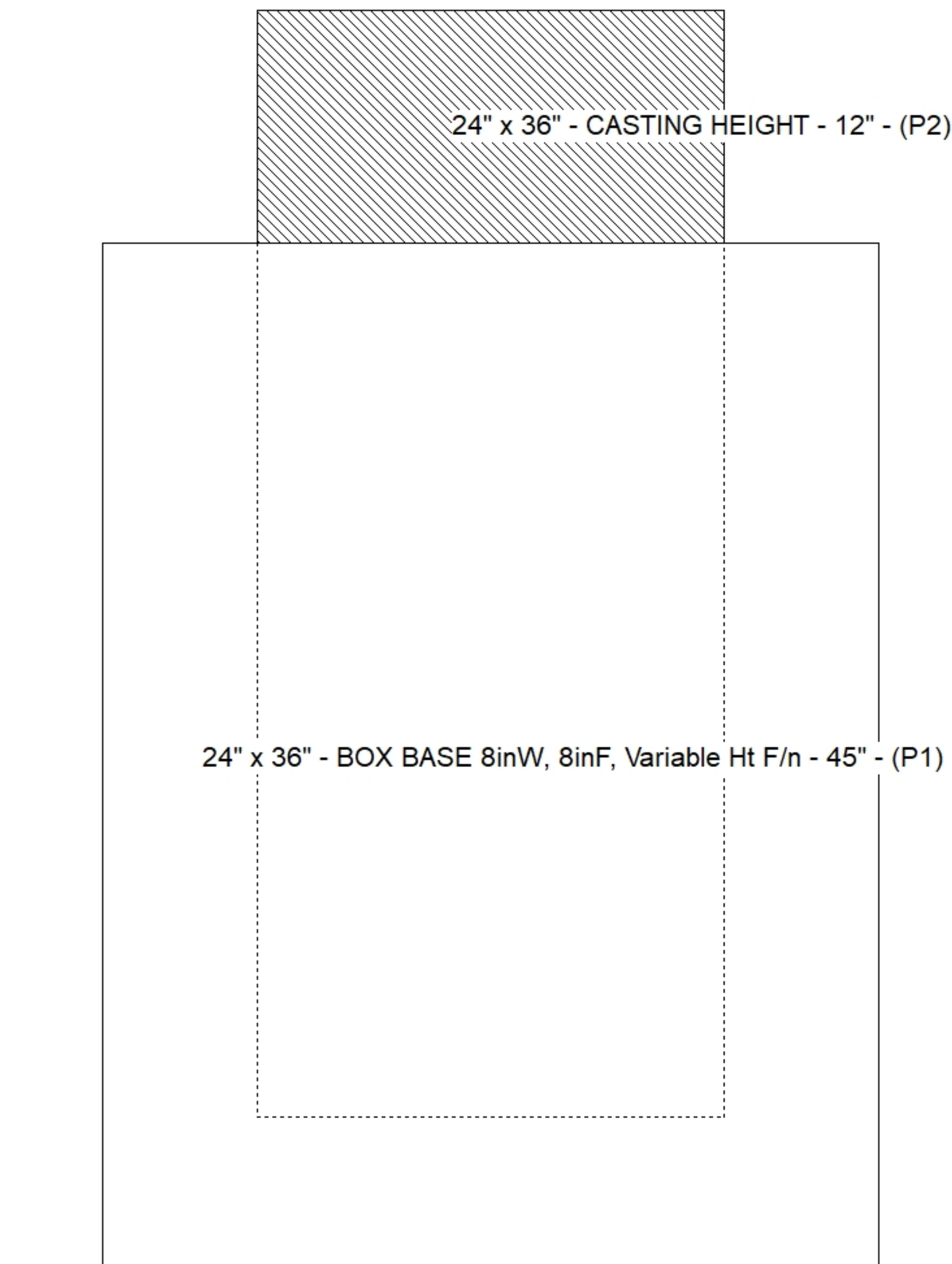
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

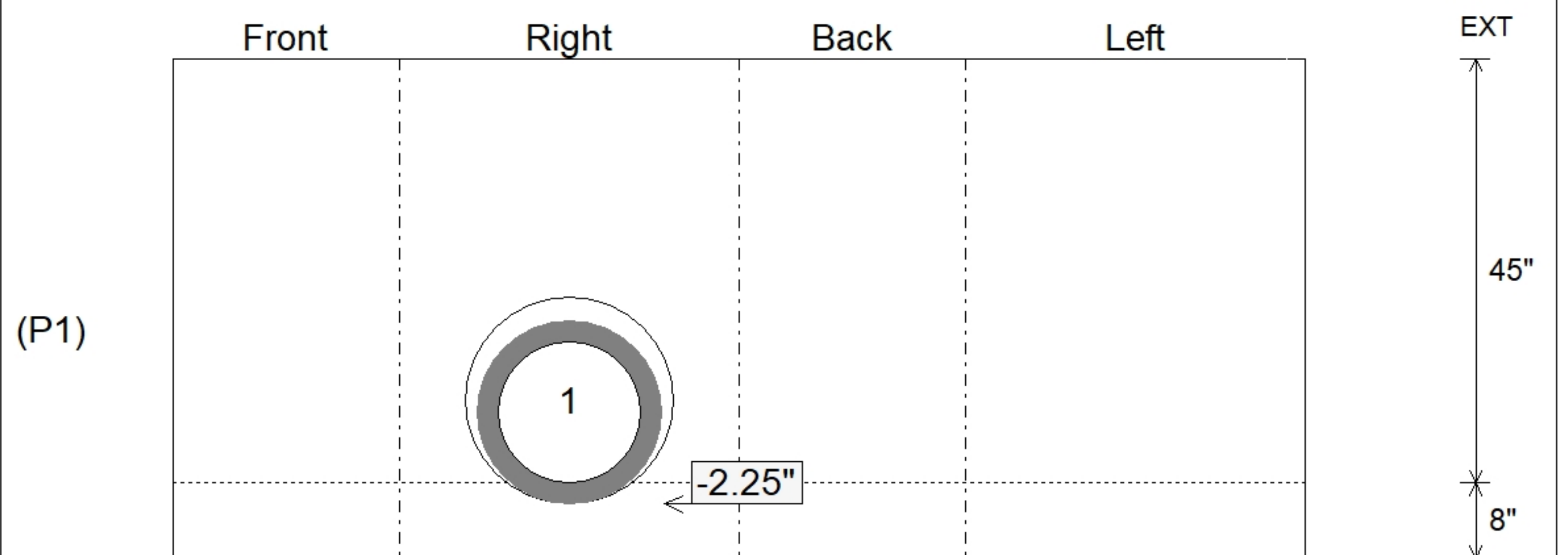
P2) 24" x 36" - CASTING HEIGHT - 12"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 45"	5733 lb
1) STORM INVERT CHANNEL - 1/2 HEIGHT	1440 lb
1) CASTING - HOE 525 LV SET (F/G/H)	442 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 22	0 lb
<b>Structure Total:</b>	<b>7615 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	961.31'							
Reducer								
Invert 1	956.5'	90°	15" RCP B WALL	19.5"	22"	Hole 22	-2.25"	P1
Invert 2								
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: