

**Job Name: 25-2772 TDOT Rutherford Co CNZ193**  
**Job Location: Rutherford Co., TN**  
**Contractor: Capital City Construction Services LLC**

PC: A. Chambers  
 TECH:  
 Plant: Beaver Dam



Structure ID: **CB2**  
 Spec: TDOT  
 Type: CB TYPE 12S  
 Size: 36" x 48"

Rim: 602.1'  
 Invert: 598.1'  
 Rim to Invert: 4'

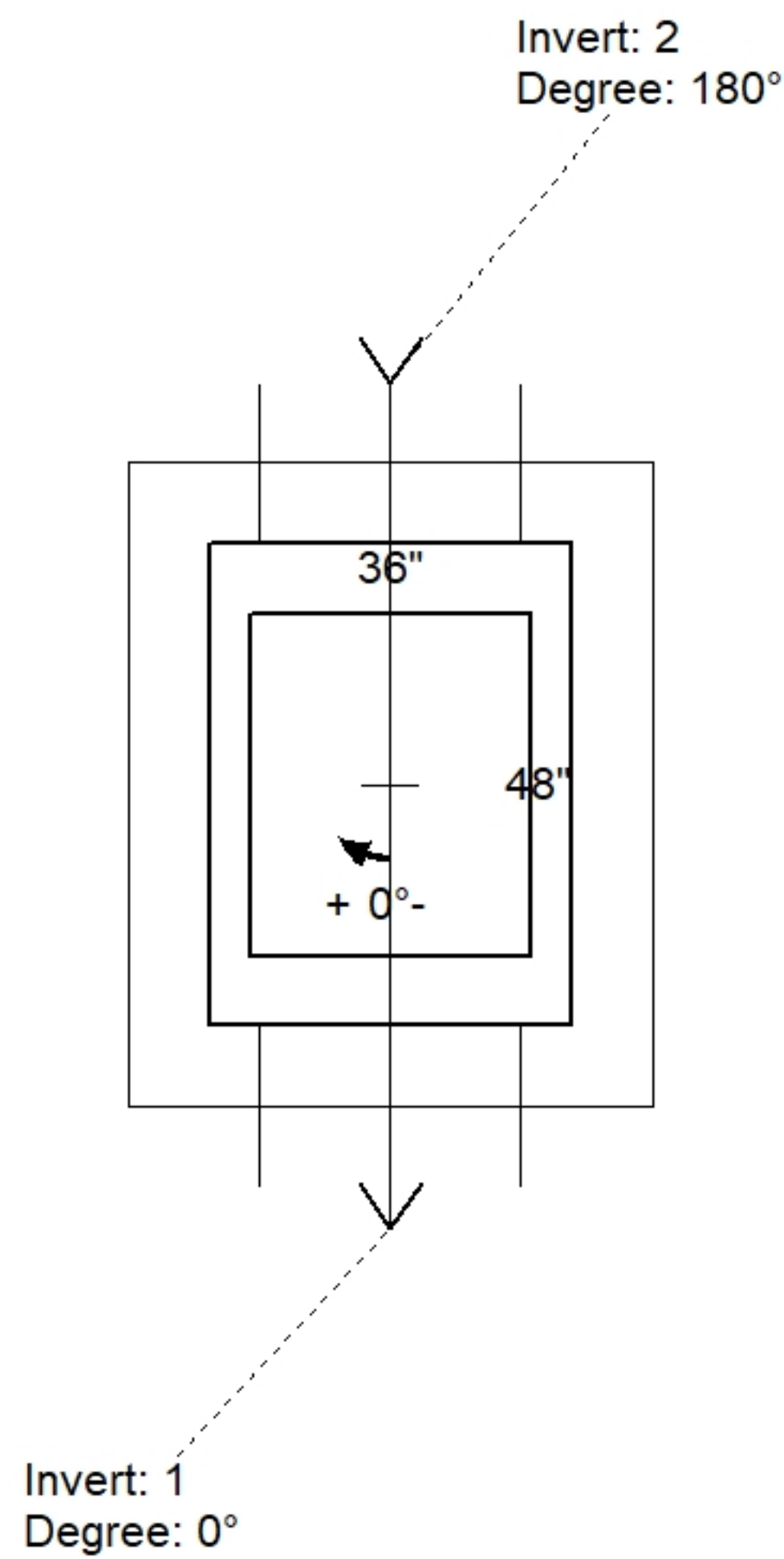
Sump: 0"  
 Floor (Top): 597.892'  
 Floor Height: 0"

Floor (Bot): 597.892'  
 Overall Height: 4.167'  
 Slack: 0.5"

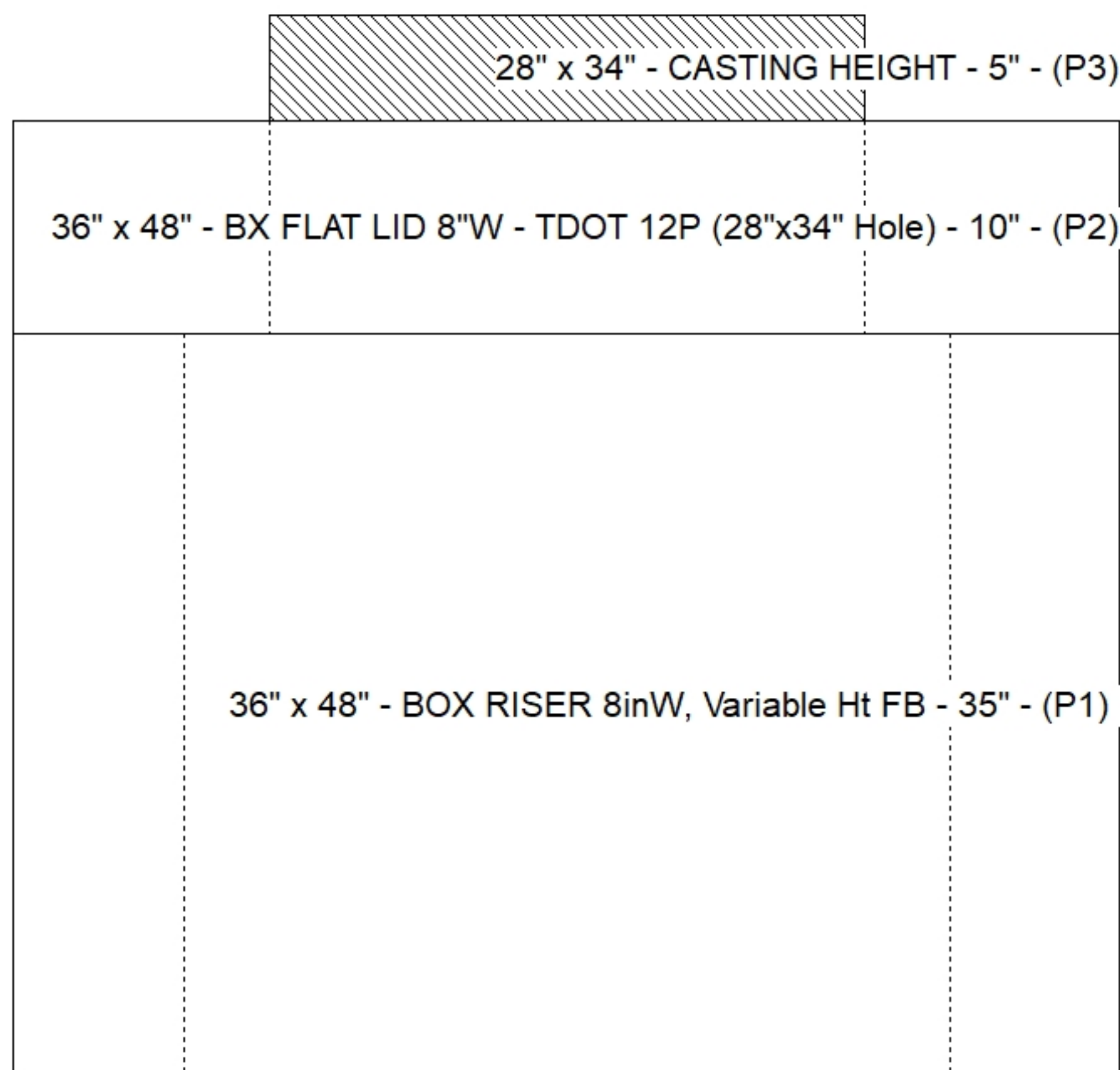
**Structure Notes:**  
 1. JBS-3123 MODIFIED PROVIDED BY ICAST.  
 2. PER TDOT D-CB-12 / ASTM C913 SPEC'S.  
 3. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. REINFORCING PER ASTM A615 (GRADE 60).  
 \*\* SEE TDOT STD DRAWING D-CB-12 \*\*  
 - TOP SLAB - DBL MAT #5 BARS.  
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.  
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.  
 5. OPEN BOTTOM FLOOR TO BE POURED IN THE FIELD BY OTHERS.

**STRUCTURE SUMMARY:**

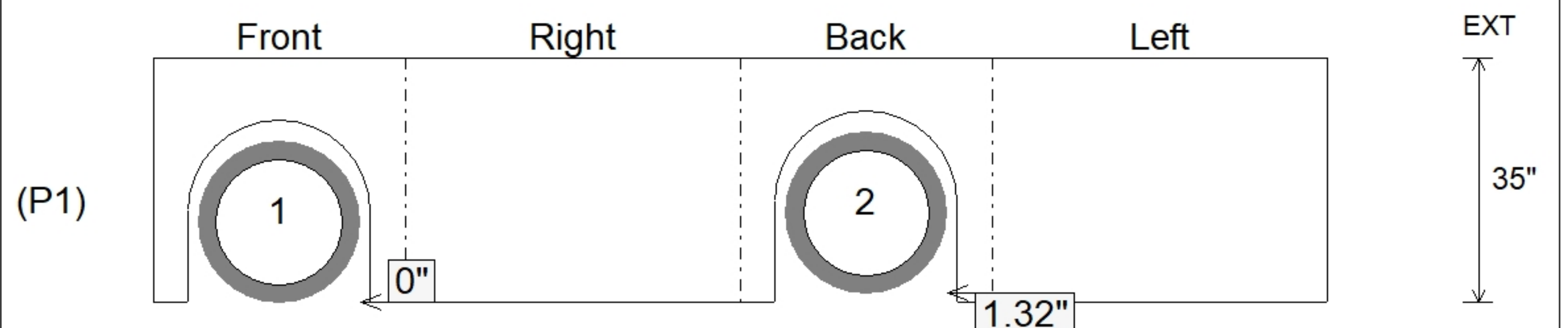
P3) 28" x 34" - CASTING HEIGHT - 5" 0 lb  
 P2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10" 2044 lb  
 P1) 36" x 48" - BOX RISER 8inW, Variable Ht FB - 35" 3866 lb  
 1) 36" x 48" - Conseal CS-102 1.00" 0 lb  
 1) 28" x 34" - Conseal CS-102 1.00" 0 lb  
 2) DOGHOUSE - 26"x26" 0 lb  
 Structure Total: 5909 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	602.1'							
Reducer								
Invert 1	598.1'	0°	18" RCP B WALL	23"	26" x 26"	DOGHOUSE 26"x26"	0"	P1
Invert 2	598.21'	180°	18" RCP B WALL	23"	26" x 26"	DOGHOUSE 26"x26"	1.32"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 10/22/2025 12:51:02 PM

SUBMITTAL  
 APPROVED BY: