

**Job Name: 25-2797 - US 31 W & Marlin RD Improvements**

**Job Location: White House, TN**

**Contractor: Scotty's Contracting & Stone, LLC**

PC: C. Goff

TECH: J. Coppage

Plant: Beaver Dam



Structure ID: **CB5**

Spec: TDOT

Type: CB TYPE 14S

Size: 36" x 96"

Rim: 886.13'

Invert: 882'

Rim to Invert: 4.13'

Sump: 2.5"

Floor (Top): 881.792'

Floor Height: 8"

Floor (Bot): 881.125'

Overall Height: 5'

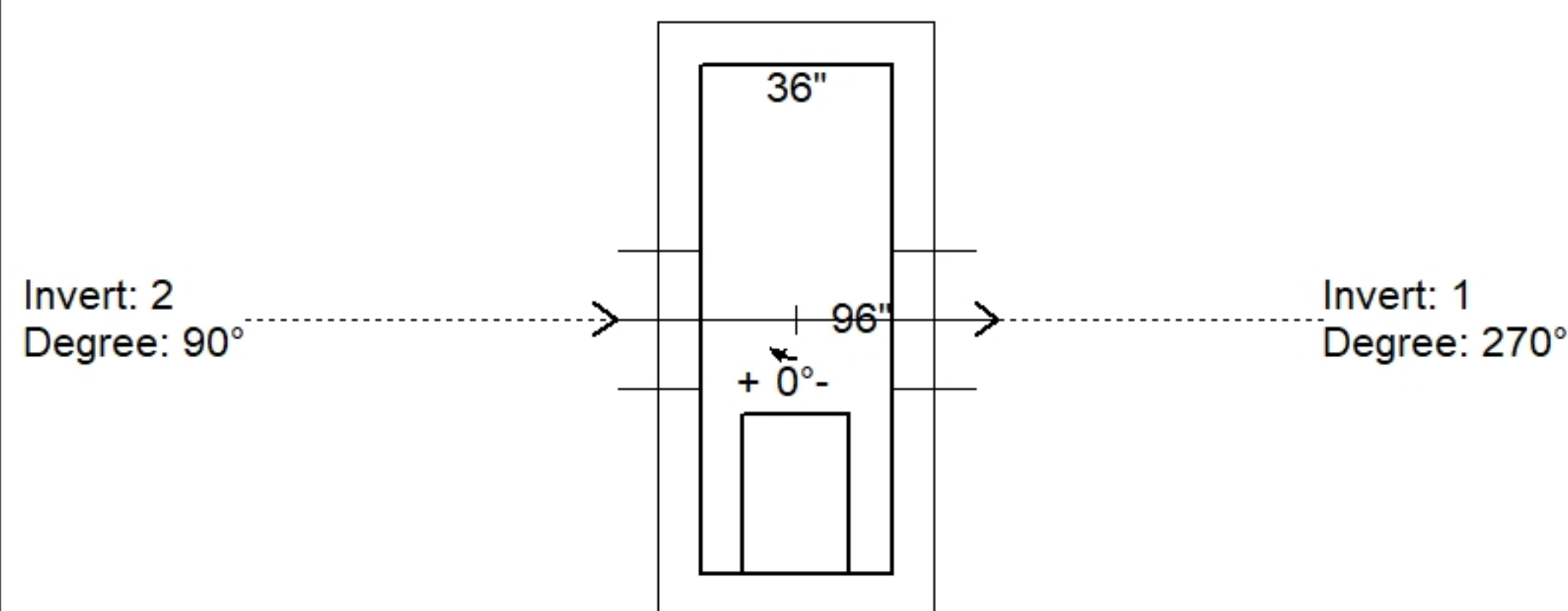
Slack: 0.06"

**Structure Notes:**

1. 2X JBS-3200 MOD. PROVIDED BY ICAST
  2. PER TDOT D-CB-14S / ASTM C913 SPEC'S.
  3. CONCRETE = 4,000 PSI AT 28 DAYS.
  4. REINFORCING PER ASTM A615 (GRADE 60).
- \*\*PER TDOT STD DRAWING D-CB-14S MODIFIED\*\***
- TOP SLAB - DBL MAT #5 BARS.
  - WALLS (As .77) #5 BARS AT 5" C.C.E.W.
  - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

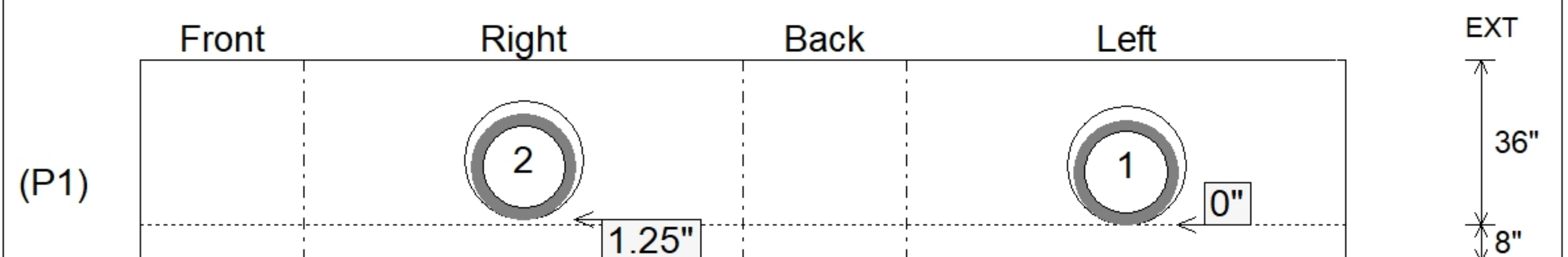
**STRUCTURE SUMMARY:**

P3) 20" x 30" - CASTING HEIGHT - 6"	0 lb
P2) 36" x 96" - BX FLAT TOP 8"W - TDOT (2-20"x30" HOLES) F/F - 10"	3880 lb
P1) 36" x 96" - BOX BASE 8inW, 8inF, Variable Ht F/n - 36"	10350 lb
1) 36" x 96" - SGL 1"x14.5' Butyl (2x)	0 lb
2) Hole - 26	0 lb
<b>Structure Total:</b>	<b>14230 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	886.13'							
Reducer								
Invert 1	882'	270°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	882.1'	90°	18" RCP B WALL	23"	26"	Hole 26	1.25"	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: