

**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: 18in TU CD 4-1  
 Spec: HEADWALLS  
 Type: HW TDOT TY. "U" Cross Drain EW (4to1)  
 Size: 18"

Rim: 0'  
 Invert: 0'  
 Rim to Invert: 0'

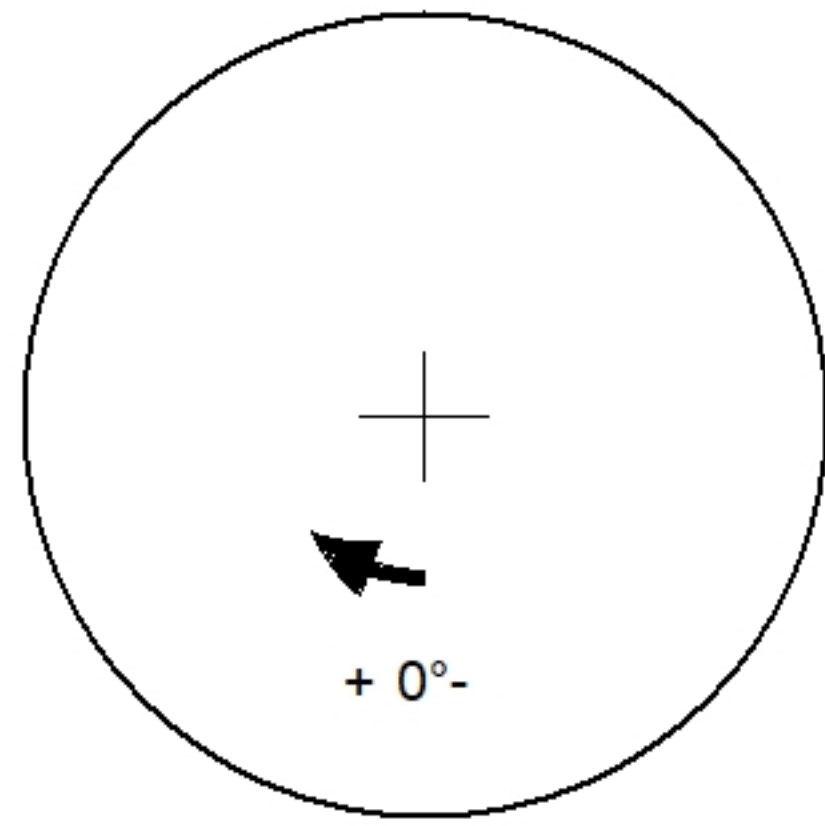
Sump: 18"  
 Floor (Top): -1.5'  
 Floor Height: 0"

Floor (Bot): -1.5'  
 Overall Height: 1.5'  
 Slack: 0"

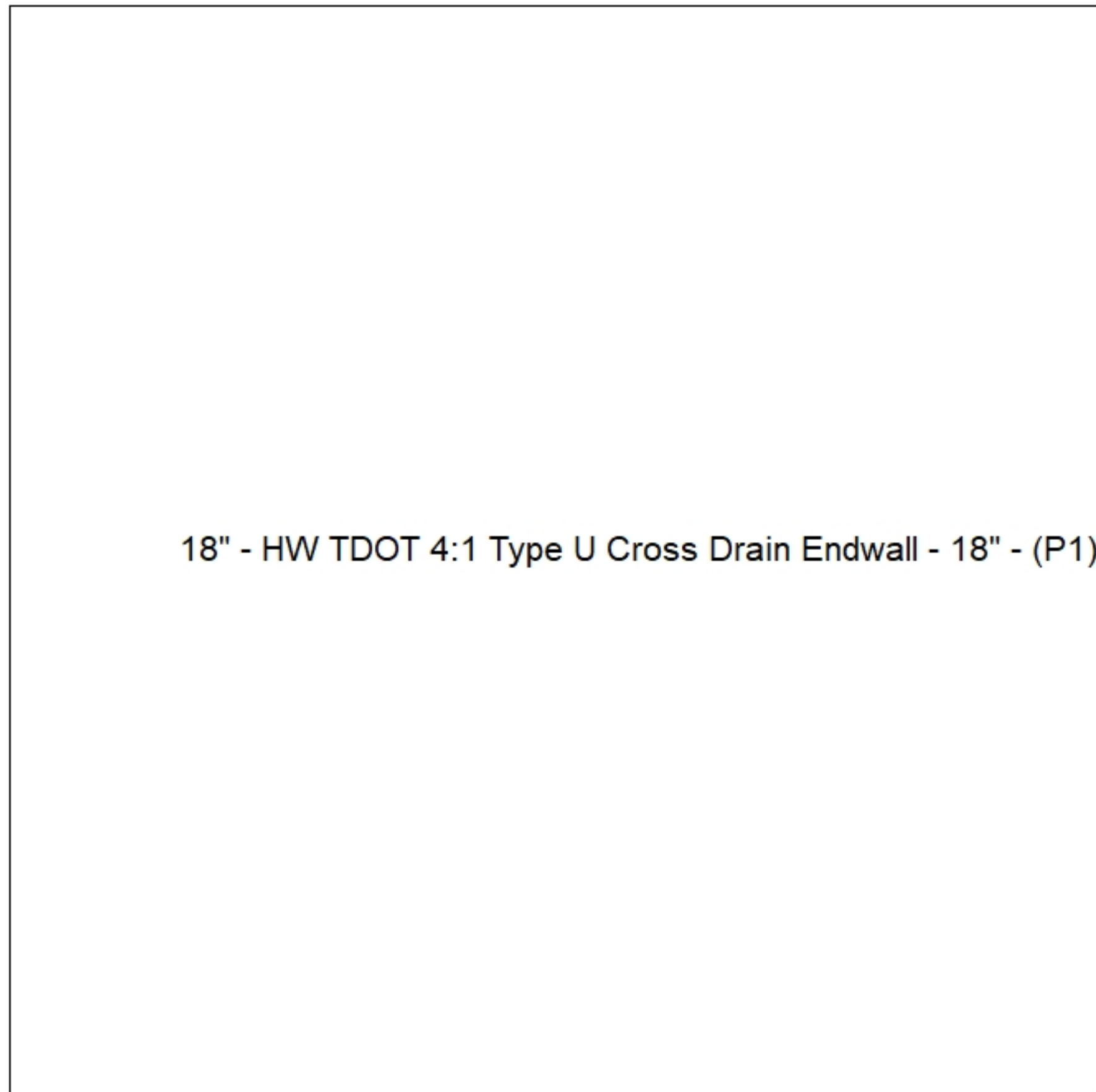
- Structure Notes:
1. JBS-3123 MODIFIED PROVIDED BY ICAST.
  2. PER TDOT D-CB-12 / ASTM C913 SPEC'S.
  3. CONCRETE = 4,000 PSI AT 28 DAYS.
  4. REINFORCING PER ASTM A615 (GRADE 60).
- \*\* SEE TDOT STD DRAWING D-CB-12 \*\*
- TOP SLAB - DBL MAT #5 BARS.
  - WALLS (As .47) #5 BARS AT 8" C.C.E.W.
  - FLOOR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

STRUCTURE SUMMARY:

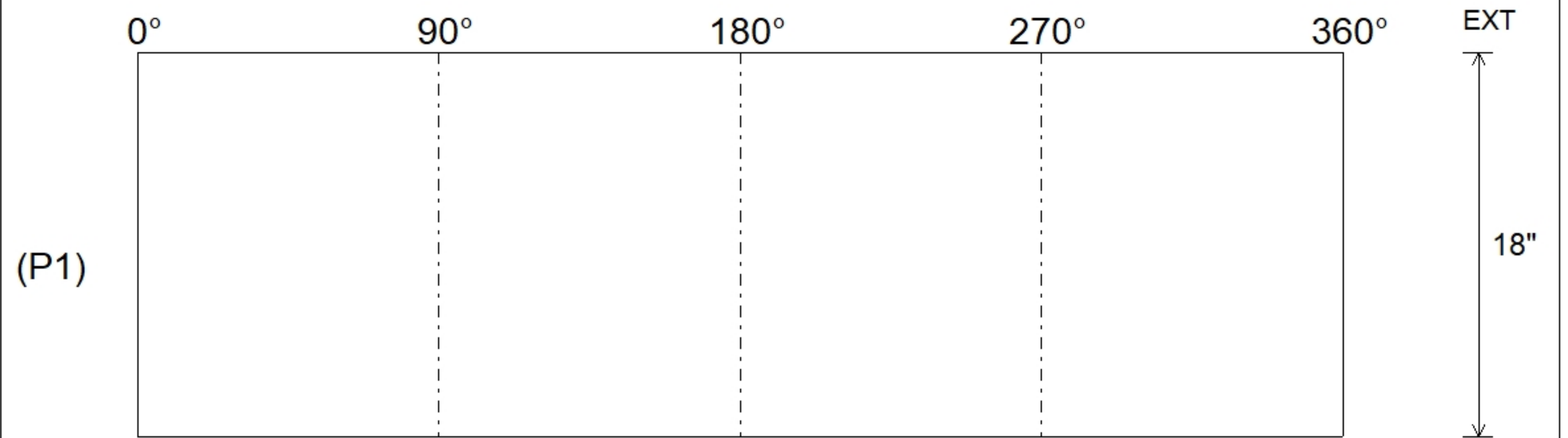
P1) 18" - HW TDOT 4:1 Type U Cross Drain Endwall - 18" 4318 lb  
 Structure Total: 4318 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	0'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 10/22/2025 12:51:03 PM

SUBMITTAL  
 APPROVED BY: