

**Job Name: 25-2636 KUB WTP Manhole**  
**Job Location: Knoxville, TN**  
**Contractor: Bowen Engineering Corporation**

PC: Jay Jarvis  
 TECH: Evan Niles  
 Plant: Beaver Dam, KY



**Structure ID: VAULT 2 TOP SLAB REWORK**

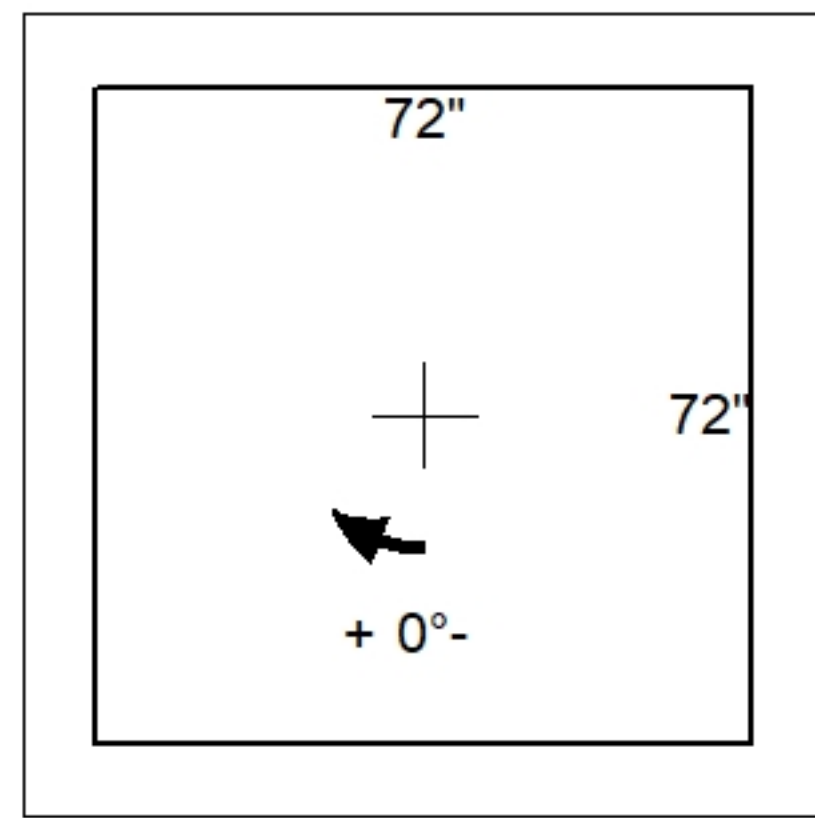
Spec: Storm Rim: 842.46' Sump: 0" Floor (Bot): 841.793'  
 Type: BX 8inW, 8inF Invert: 842.46' Floor (Top): 841.793' Overall Height: 0.667'  
 Size: 72" x 72" Rim to Invert: 0' Floor Height: 0" Slack: 0"

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS. (LATEST REVISION)
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR @ 8" O.C. E.W. (GRADE 60)

STRUCTURE SUMMARY:

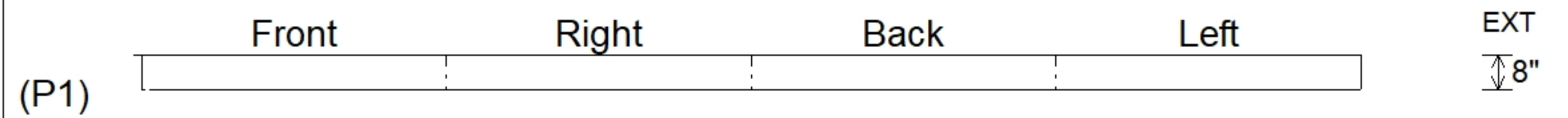
P1) 72" x 72" - CB FLAT TOP 8"W SOLID - 8" 5199 lb  
 1) CASTING - HOE 280T Frame/Solid Cover 257 lb  
 Structure Total: 5456 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	842.46'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

**Default - Interior Dimensions**

72" x 72" - CB FLAT TOP 8"W SOLID - 8" - (P1)



Submittal Drawing  
 4/10/2026 10:21:16 AM

SUBMITTAL  
 APPROVED BY: