

Job Name: 25-4256 Knoxville Quarry
Job Location: Knoxville, TN
Contractor: RA Alexander

PC: Andy Chambers
 TECH: J.Jorsley - A
 Plant: 100



Structure ID: 3
 Spec: Storm
 Type: BX 12inW, 12inF
 Size: 96" x 96"

Rim: 8.33'
 Invert: 0'
 Rim to Invert: 8.33'

Sump: 0"
 Floor (Top): 0'
 Floor Height: 12"

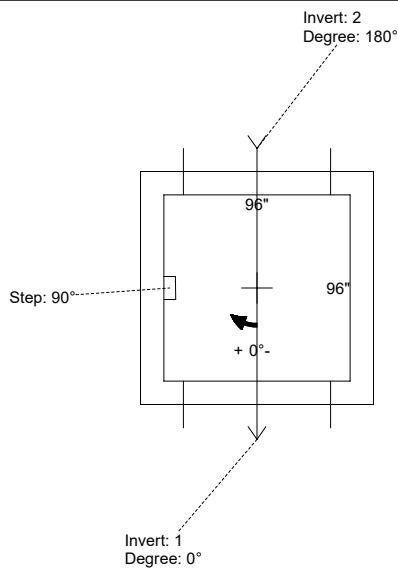
Floor (Bot): -1'
 Overall Height: 9.333'
 Slack: -0.04"

- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,500 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ATTACHED DESIGN BY MATT CHILDS ENGINEERING, PLLC
 4. NO INVERT CHANNEL
 5. NO CASTING

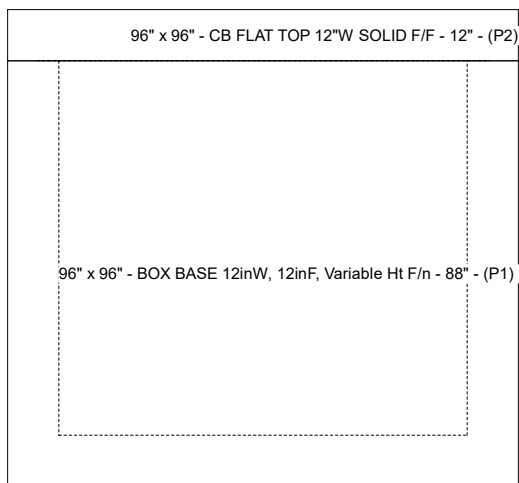
STRUCTURE SUMMARY:

P2) 96" x 96" - CB FLAT TOP 12"W SOLID F/F - 12" 14500 lb
 P1) 96" x 96" - BOX BASE 12inW, 12inF, Variable Ht F/n - 88" 43644 lb
 1) SECONDARY POUR 0 lb
 1) 96" x 96" - Conseal CS-102 1.00" 0 lb
 2) Hole - 76 0 lb
 7) MH Step ML-10-TDS-NCR - 10" 0 lb

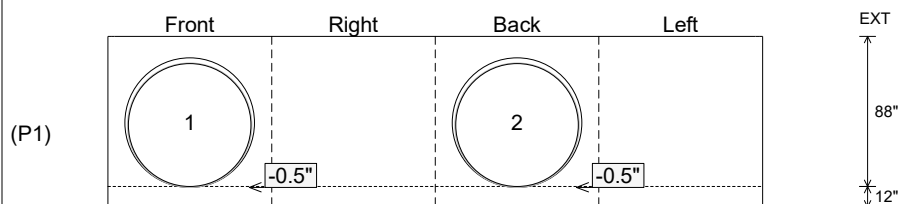
Structure Total: 58144 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (Δ)	Ref
Rim	8.33'							
Reducer								
Invert 1	0'	0°	72" CMP	73"	76"	Hole 76	-0.5"	P1
Invert 2	0'	180°	72" CMP	73"	76"	Hole 76	-0.5"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 12/5/2025 11:18:58 AM

SUBMITTAL
 APPROVED BY: