Job Name: 25-4238 Reservoir Rehabilitation
Job Location: Nashville, TN
Contractor: Cumberland Valley Constructors, Inc.

PC: A. Chambers
TECH: S. Felletter
Plant: Beaver Dam

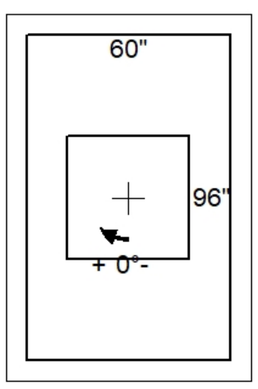
Structure ID: **Vault 7 (Interchange City F.M.)**

Spec: Vaults	Rim: 5.834'	Sump: 70.008"	Floor (Bot): -0.5'
Type: Vault 6inW, 6inF	Invert: 5.834'	Floor (Top): 0'	Overall Height: 6.333'
Size: 60" x 96"	Rim to Invert: 0'	Floor Height: 6"	Slack: 0.008"

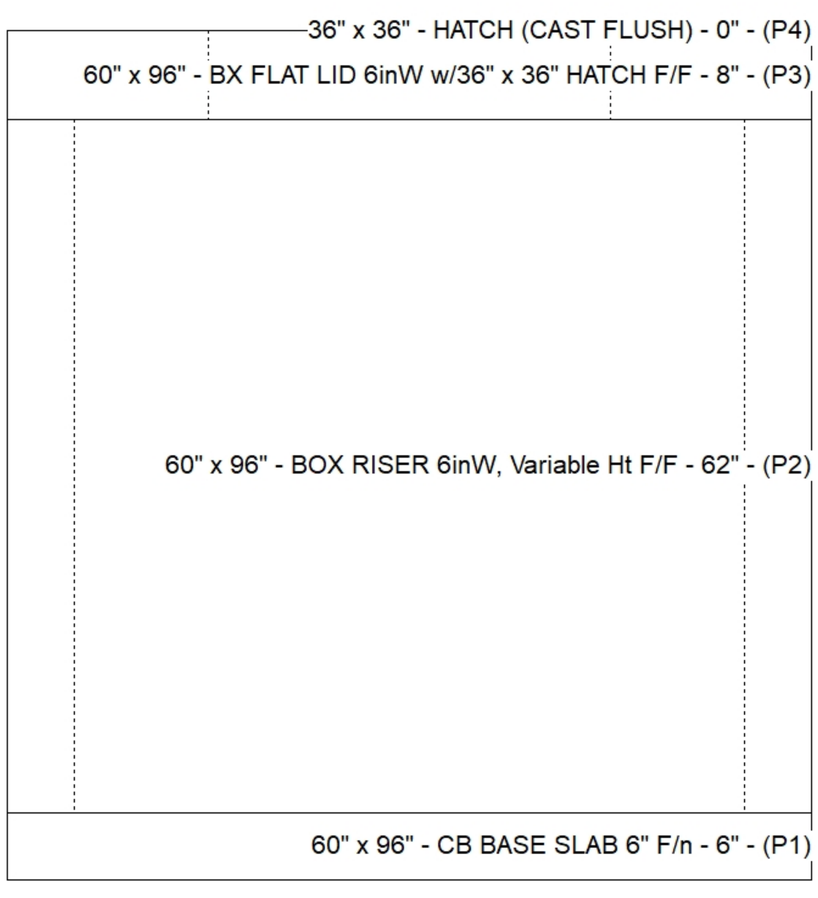
Structure Notes: A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

STRUCTURE SUMMARY:

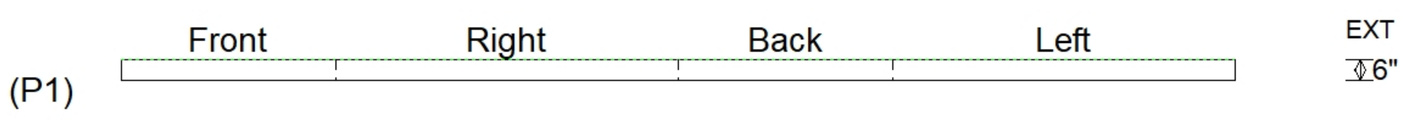
P4) 36" x 36" - HATCH (CAST FLUSH) - 0"	100 lb
P3) 60" x 96" - BX FLAT LID 6inW w/36" x 36" HATCH F/F - 8"	4350 lb
P2) 60" x 96" - BOX RISER 6inW, Variable Ht F/F - 62"	10488 lb
P1) 60" x 96" - CB BASE SLAB 6" F/n - 6"	3915 lb
2) 60" x 96" - Conseal CS-102 1.00" (Double)	0 lb
Structure Total:	18853 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	5.834'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
9/16/2026 9:51:05 AM

SUBMITTAL
APPROVED BY: