

**Job Name: 25-2418 Marvin's Lift Station**  
**Job Location: Radcliff, KY 40160**  
**Contractor: Ferguson Waterworks #1491**

PC: C. Goff  
 TECH: C. Russ  
 Plant: Beaver Dam, KY



**Structure ID: Valve Vault Top Slab**

Spec: Storm-Pipe Centered  
 Type: Valve Vault w/ConBlock CDA Red  
 Size: 72" x 96"

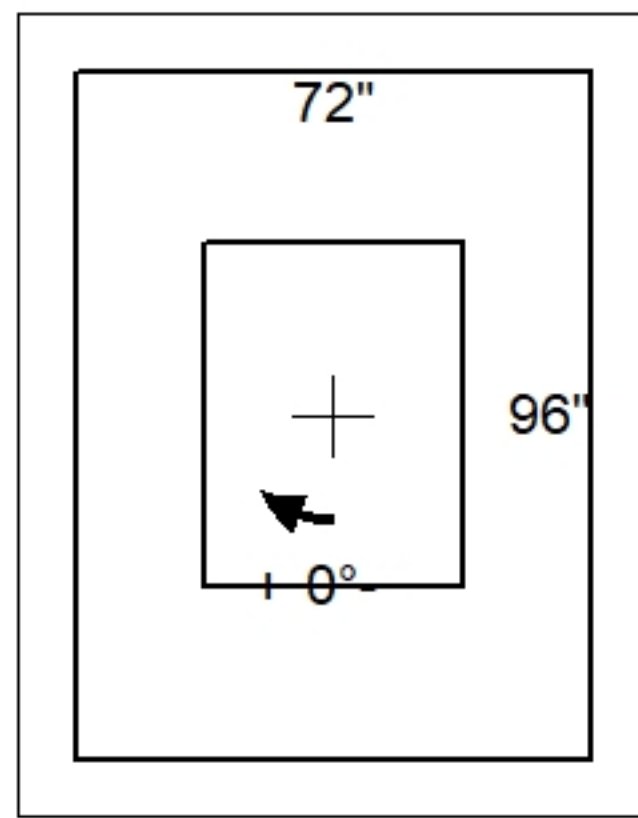
Rim: 730.24'      Sump: 0"      Floor (Bot): 725.32'  
 Invert: 726.42'      Floor (Top): 725.32'      Overall Height: 0.667'  
 Rim to Invert: 3.82'      Floor Height: 0"      Slack: 54.04"

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
  - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
  - RISER/WALLS (As .12)
  - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

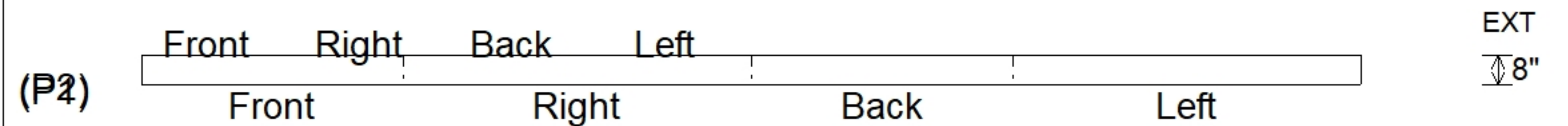
P2) 36" x 48" - HATCH (CAST FLUSH) - 0"	100 lb
P1) 72" x 96" - BX FLAT TOP 8"W w/36"x48" HATCH w/ ConBlock CDA RED - 8"	5456 lb
2) PSX - 12-06 NYLO	16 lb
1) PSX - 8QRS-S NYLO	6 lb
57.33 SqFt) Carboline Bitumastic 300M [INT]	0 lb
<b>Structure Total:</b>	<b>5579 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	730.24'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

**Default - Interior Dimensions**

72" x 96" - BX FLAT TOP 8"W w/36"x48" HATCH w/ ConBlock CDA RED - 8" - (P1)  
 36" x 48" - HATCH (CAST FLUSH) - 0" - (P2)



Submittal Drawing  
 1/5/2026 9:04:54 AM

SUBMITTAL  
 APPROVED BY: