

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

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



Structure ID: Valve Vault

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

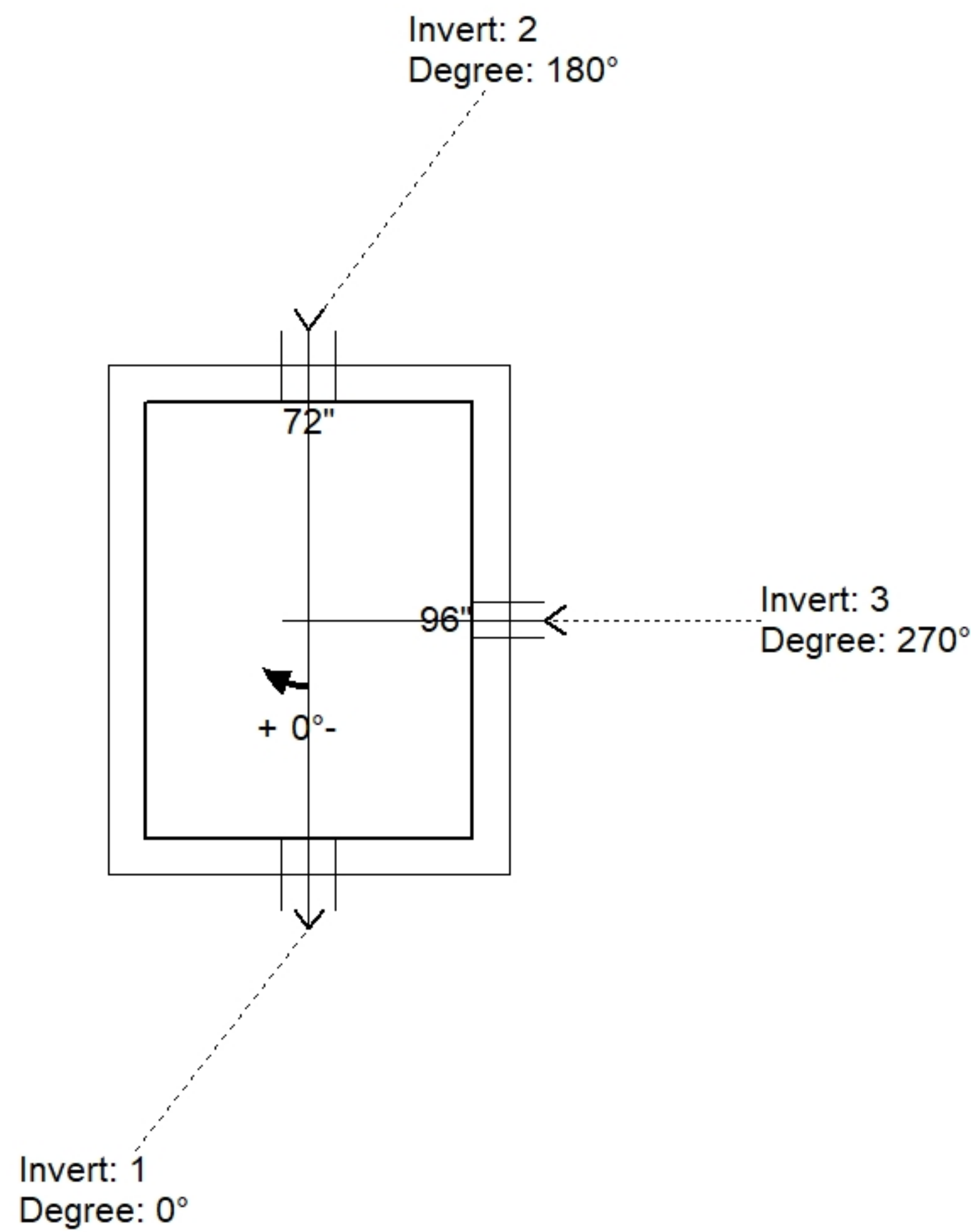
Rim: 730.24' Sump: 13.2" Floor (Bot): 724.32'
 Invert: 726.42' Floor (Top): 725.32' Overall Height: 5.25'
 Rim to Invert: 3.82' Floor Height: 12" Slack: 8.04"

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.

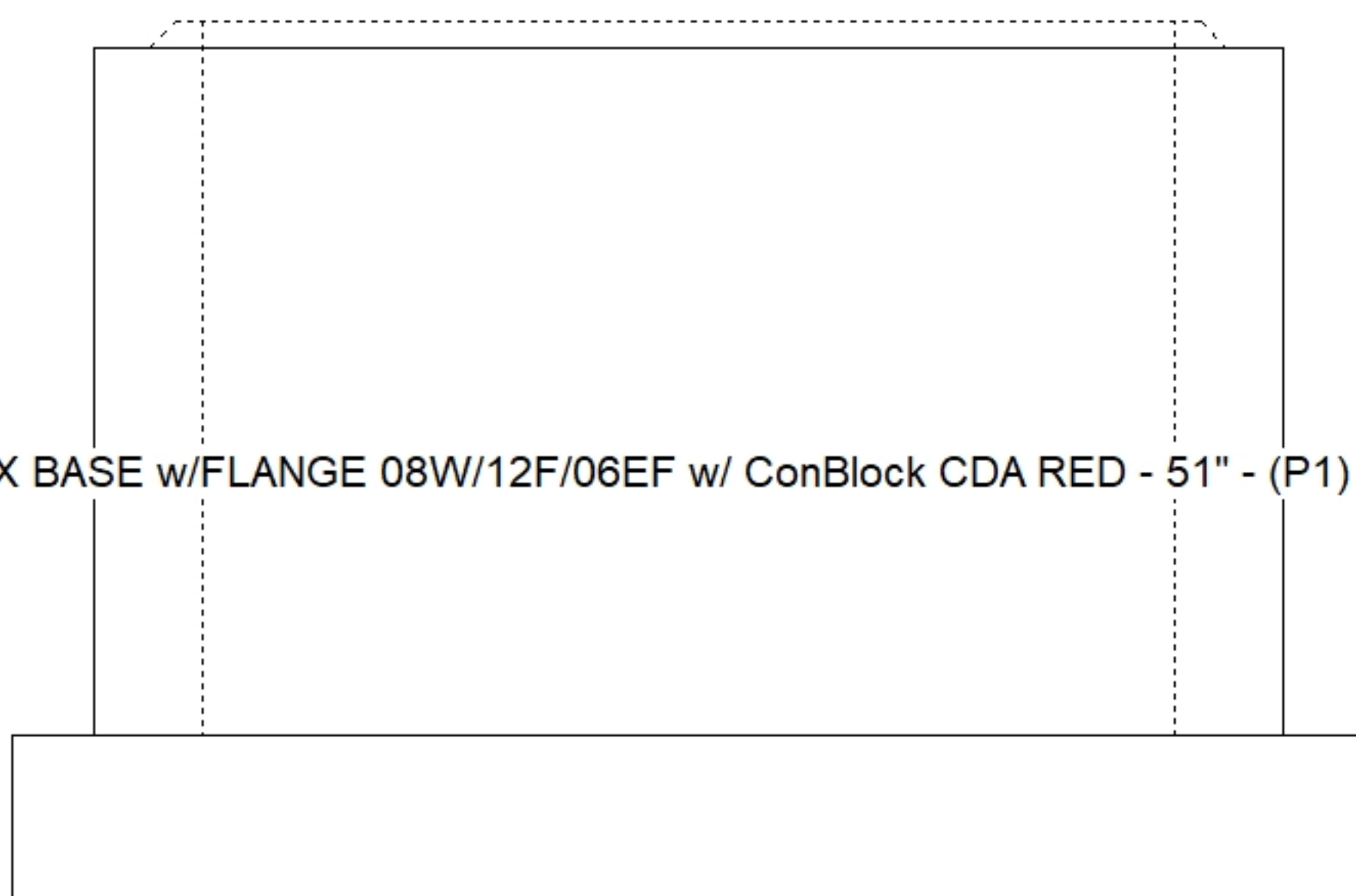
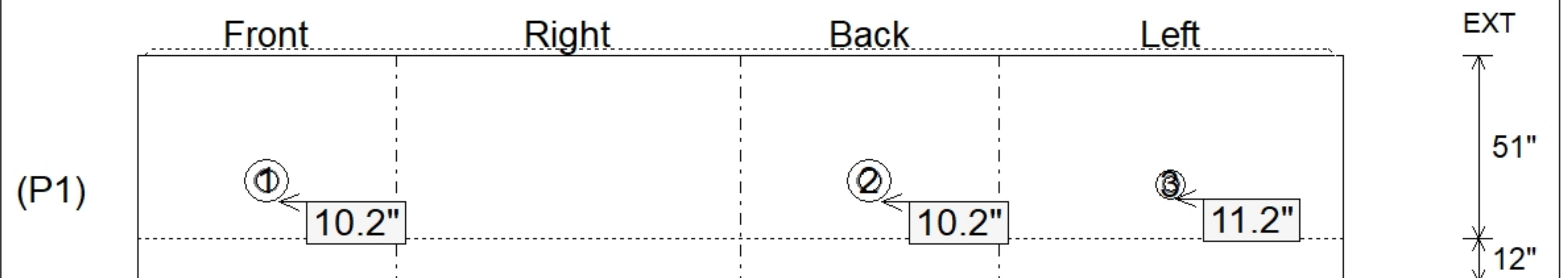
STRUCTURE SUMMARY:

P1)	72" x 96" - BX BASE w/FLANGE 08W/12F/06EF w/ ConBlock CDA RED - 51"	24899 lb
1)	SECONDARY POUR	0 lb
2)	PSX - 12-06 NYLO	16 lb
1)	PSX - 8QRS-S NYLO	6 lb
	167.01 SqFt) Carboline Bitumastic 300M [INT]	0 lb
	Structure Total:	24922 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	730.24'							
Reducer								
Invert 1	726.42'	0°	6" DI	6.875"	12"	PSX 12-06 NYLO	10.2"	P1
Invert 2	726.42'	180°	6" DI	6.875"	12"	PSX 12-06 NYLO	10.2"	P1
Invert 3	726.42'	270°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	11.2"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
 11/11/2025 8:03:02 AM

SUBMITTAL
 APPROVED BY: