

Job Name: 25-1664 Springfield WWTP
Job Location: Springfield, TN
Contractor: Smith Contractors, Inc.

PC: C. Goff
 TECH: J. Coppage
 Plant: Beaver Dam



Structure ID: **60IN X 60IN IN-PLANT VV**
 Spec: Vaults-Xypex
 Type: Vault 6inW, 6inF
 Size: 60" x 60"

Rim: 4.5'
 Invert: 0'
 Rim to Invert: 4.5'

Sump: 0"
 Floor (Top): 0"
 Floor Height: 6"

Floor (Bot): -0.5'
 Overall Height: 5'
 Slack: 0"

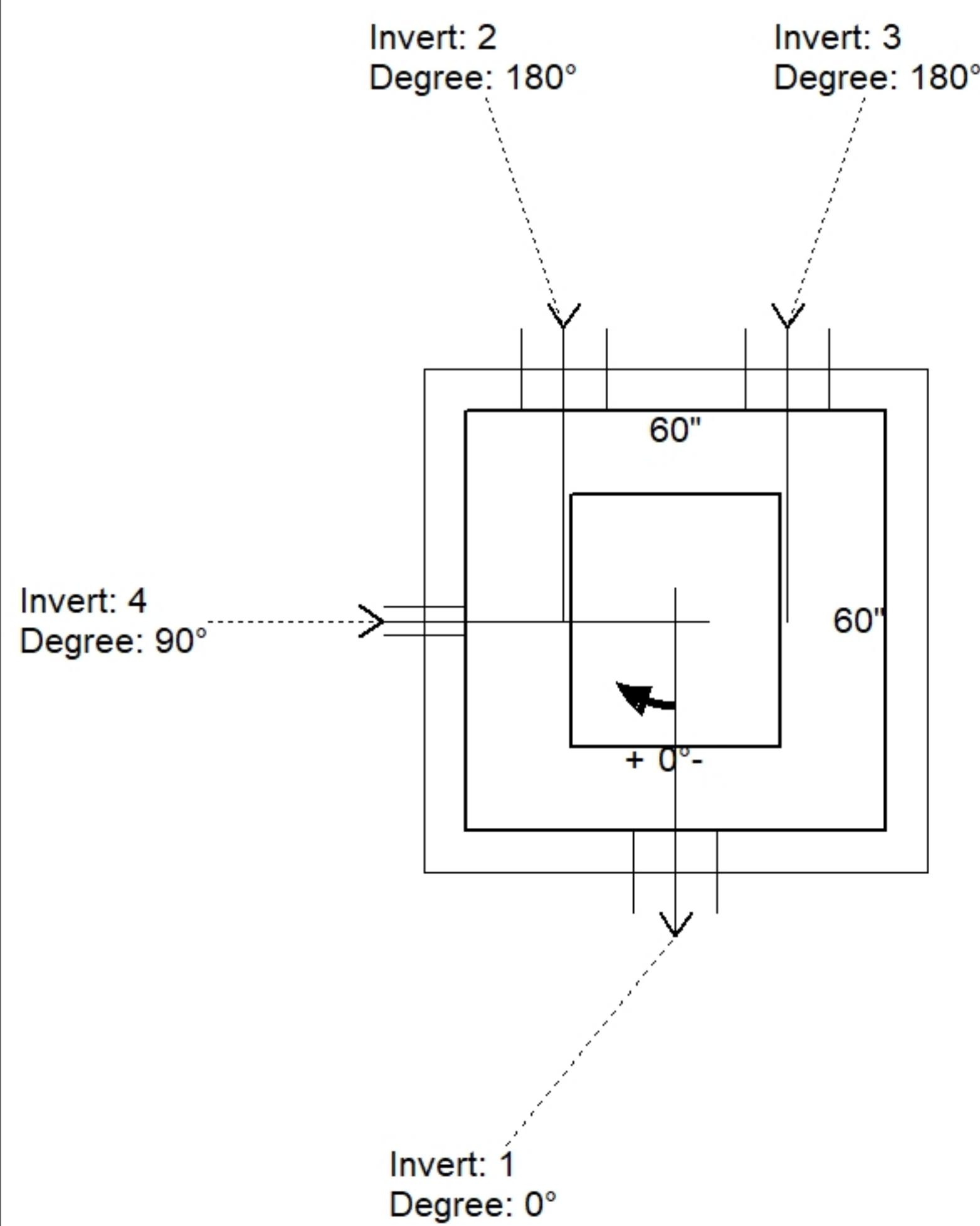
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.

REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

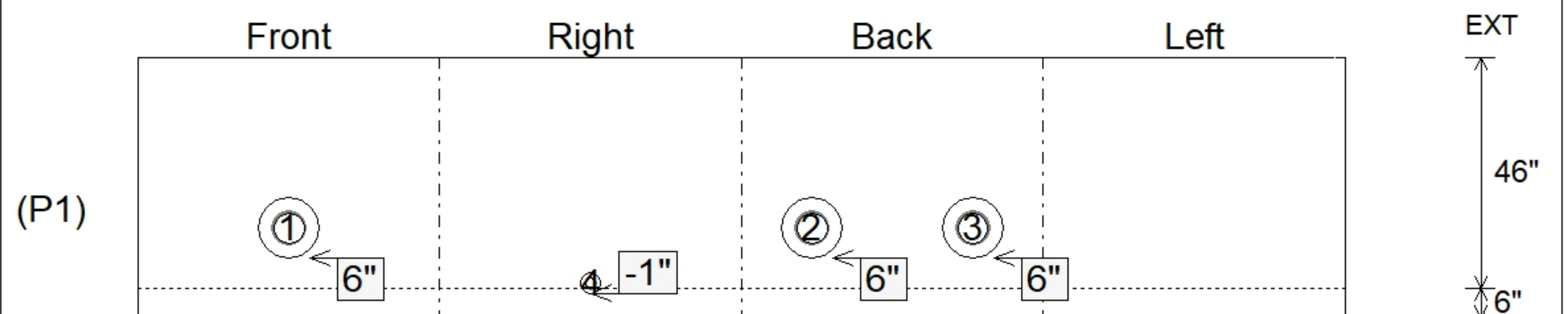
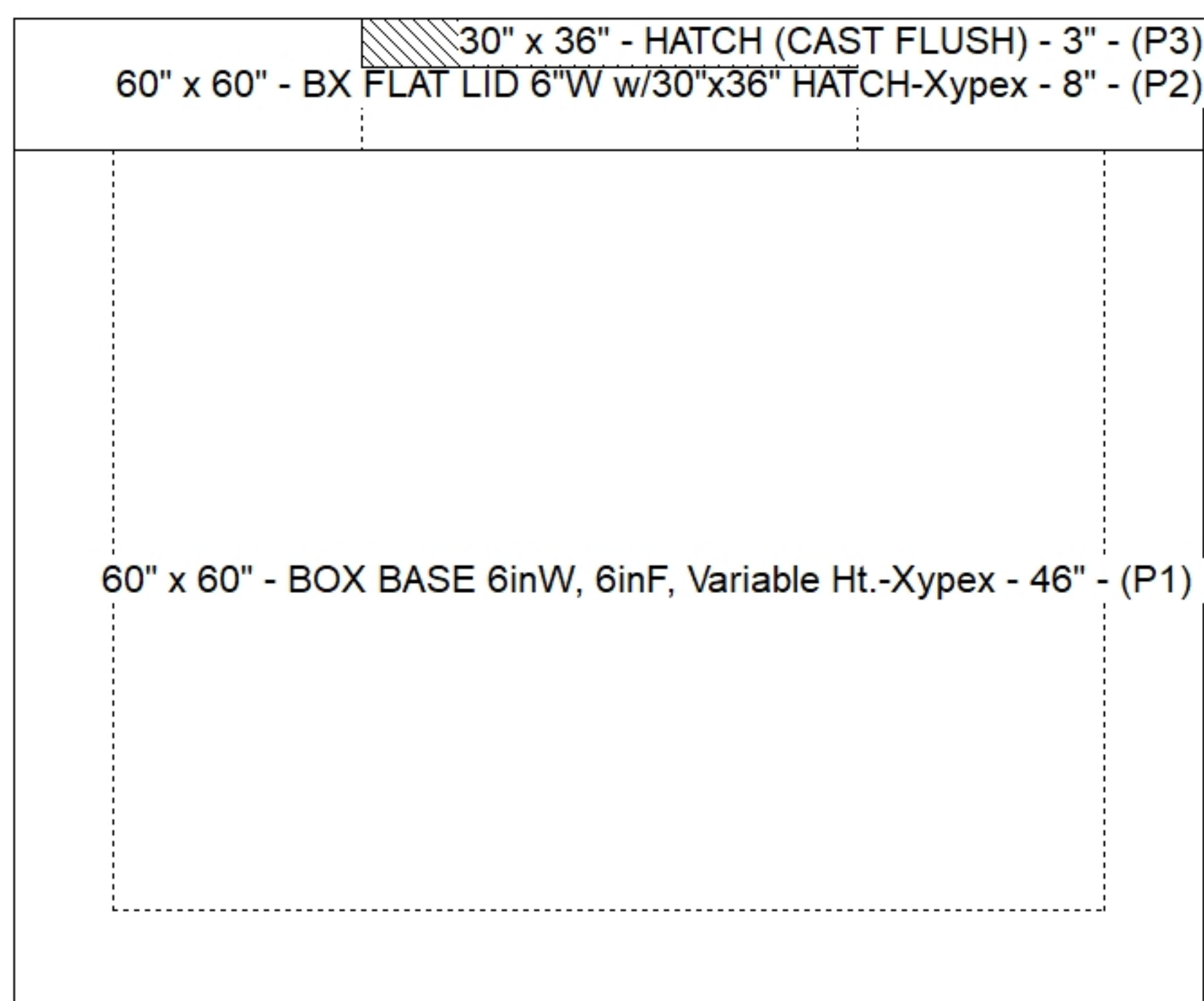
STRUCTURE SUMMARY:

P3) 30" x 36" - HATCH (CAST FLUSH) - 3"	100 lb
P2) 60" x 60" - BX FLAT LID 6"W w/30"x36" HATCH-Xypex - 8"	2755 lb
P1) 60" x 60" - BOX BASE 6inW, 6inF, Variable Ht.-Xypex - 46"	8547 lb
1) SECONDARY POUR - WALLS	0 lb
1) 60" x 60" - SGL 1"x14.5' Butyl (2x)	0 lb
3) PSX - 12-06 NYLO	24 lb
1) Hole - 4	0 lb
Structure Total:	11426 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	4.5'							
Reducer								
Invert 1	0.75'	0°	6" DI	6.875"	12"	PSX 12-06 NYLO	6"	P1
Invert 2	0.75'	180°	6" DI	6.875"	12"	PSX 12-06 NYLO	6"	P1
Invert 3	0.75'	180°	6" DI	6.875"	12"	PSX 12-06 NYLO	6"	P1
Invert 4	0'	90°	2" DI	2.5"	4"	Hole 4	-1"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: