

Job Name: 25-2627 High St. Culvert Replacement
Job Location: Springfield, KY
Contractor: M&J Construction

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



Structure ID: 003 (DBI TY.7)

Spec: KYTC
 Type: DBI TYPE 7
 Size: 78" x 78"

Rim: 754.1'
 Invert: 748.25'
 Rim to Invert: 5.85'

Sump: 3"
 Floor (Top): 748'
 Floor Height: 8"

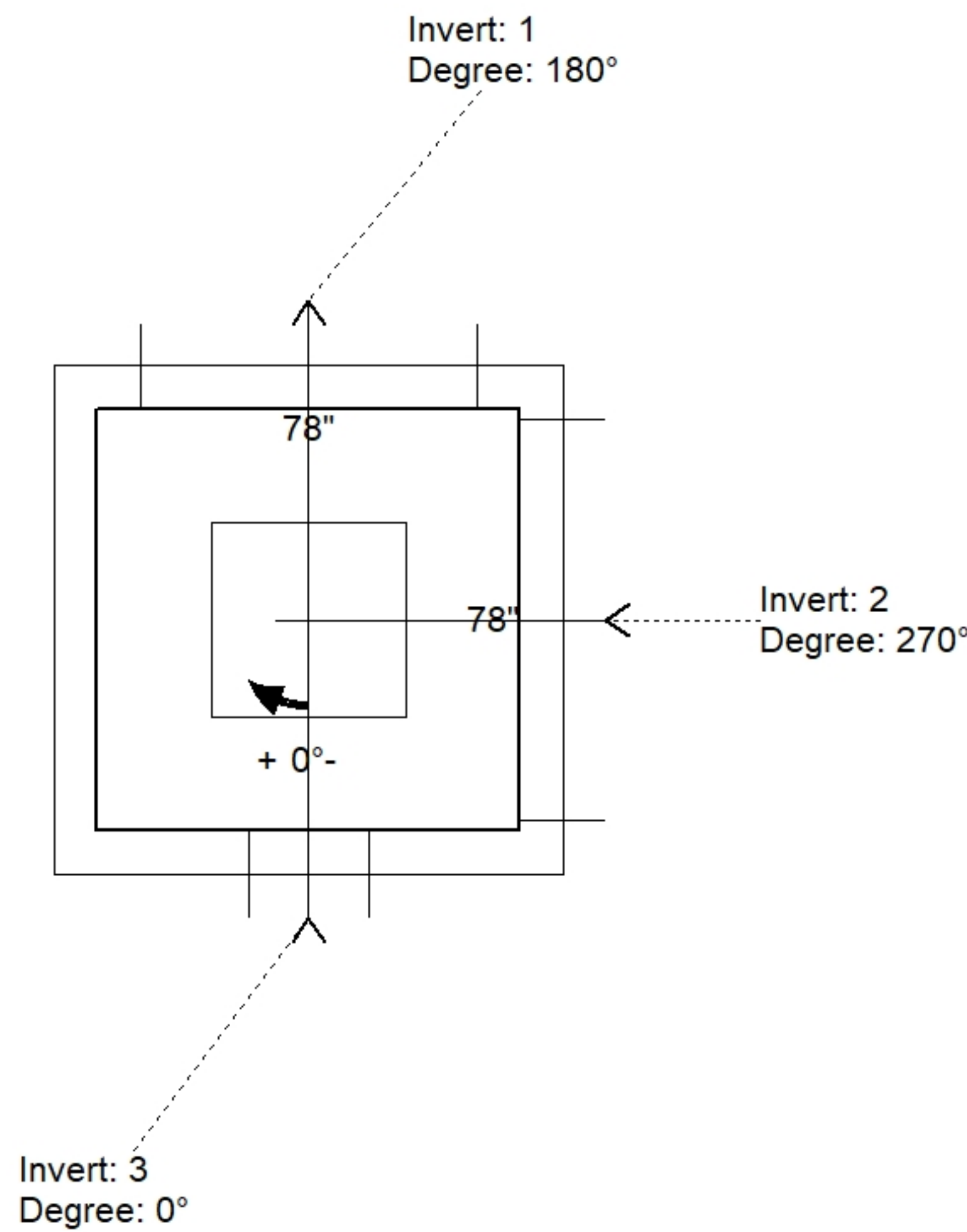
Floor (Bot): 747.333'
 Overall Height: 6.75'
 Slack: 0.2"

Structure Notes:

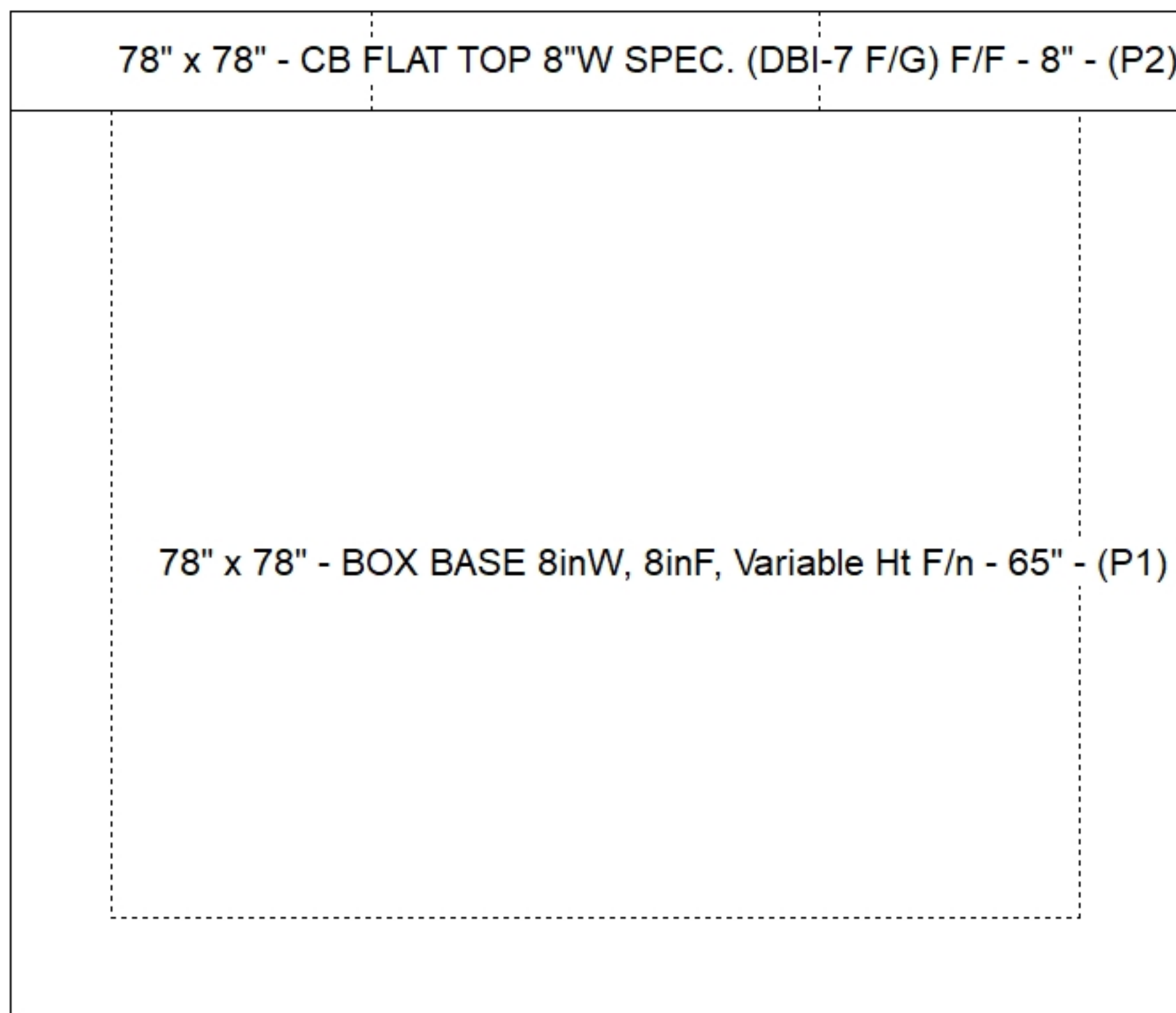
- PER KYTC DBI TYPE 7 / PER ASTM C913 SPEC'S.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO INVERT CHANNEL.
 - CASTING BY ICAST (HOE KY)
 - STUB #5 BARS 20" OUT SIDE OF TOP SLAB (SPA@12"C/C)
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W..
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

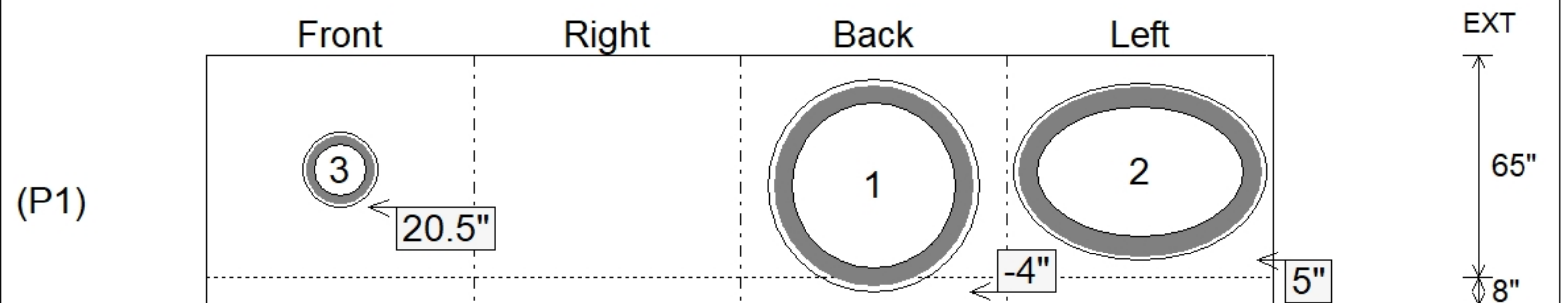
P2) 78" x 78" - CB FLAT TOP 8"W SPEC. (DBI-7 F/G) F/F - 8"	5062 lb
P1) 78" x 78" - BOX BASE 8inW, 8inF, Variable Ht F/n - 65"	16631 lb
1) CASTING - HOE KY-328 SET (DBI 7)	328 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 62	0 lb
1) Hole - 74 x 52	0 lb
1) Hole - 22	0 lb
Structure Total:	22021 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	754.1'							
Reducer								
Invert 1	748.25'	180°	48" RCP B WALL	58"	62"	Hole 62	-4"	P1
Invert 2	749'	270°	60" x 38" ELL RCP	71" x 49"	74" x 52"	Hole 74 x 52	5"	P1
Invert 3	750'	0°	15" RCP B WALL	19.5"	22"	Hole 22	20.5"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/14/2025 8:43:31 AM

SUBMITTAL
 APPROVED BY: