

Job Name: 25-3094 First Avenue Storm Sewer Replacement Project
Job Location: Evansville, IN
Contractor: Blankenberger Brothers, Inc.

PC: A. Chambers
 TECH: J. Harsley
 Plant: 100



Structure ID: **Str 1**
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 60" x 60"

Rim: 382.41'
 Invert: 377.35'
 Rim to Invert: 5.06'

Sump: 4"
 Floor (Top): 377.017'
 Floor Height: 6"

Overall Height: 5.833'
 Slack: 0.72"

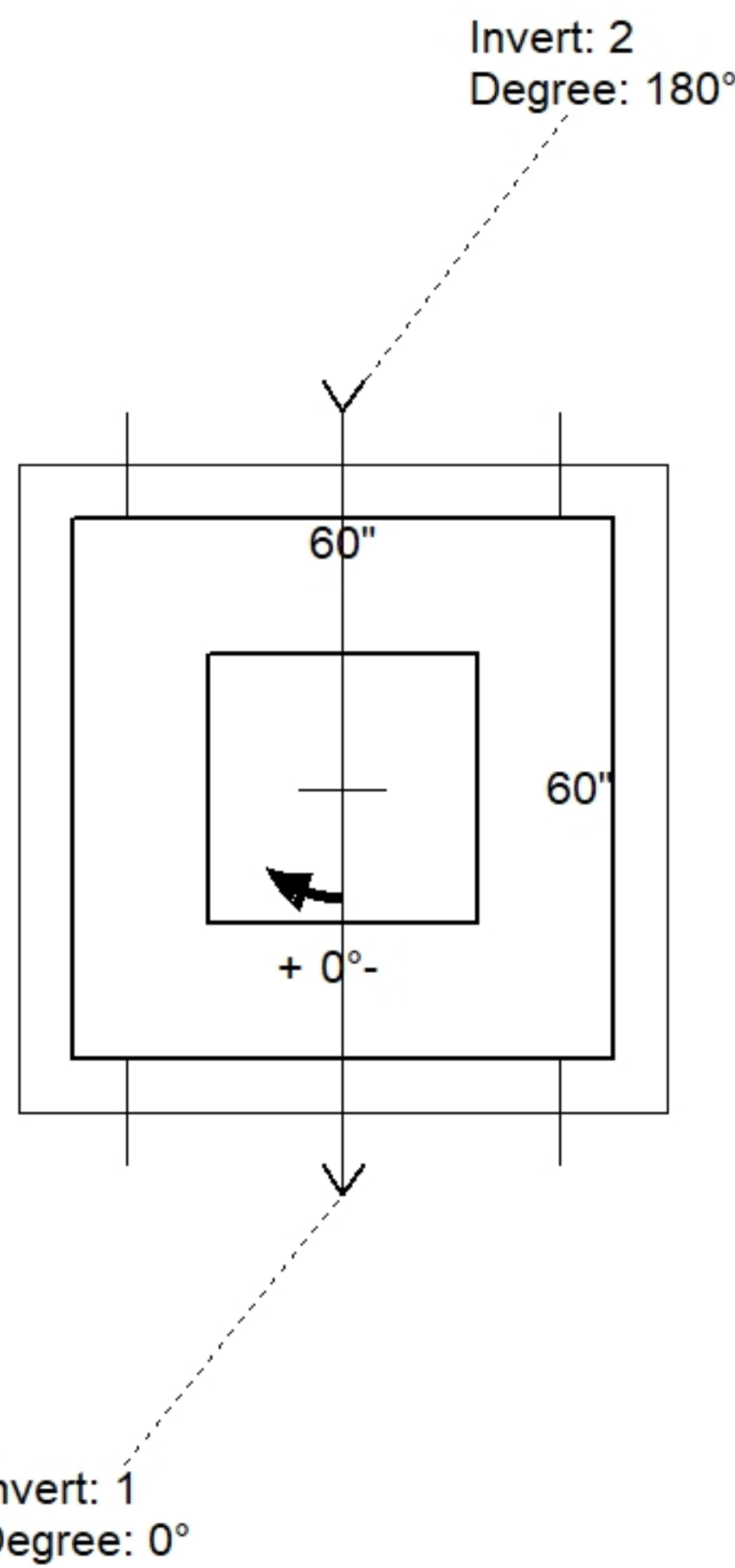
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS (EXISTING CASTING TO BE USED).

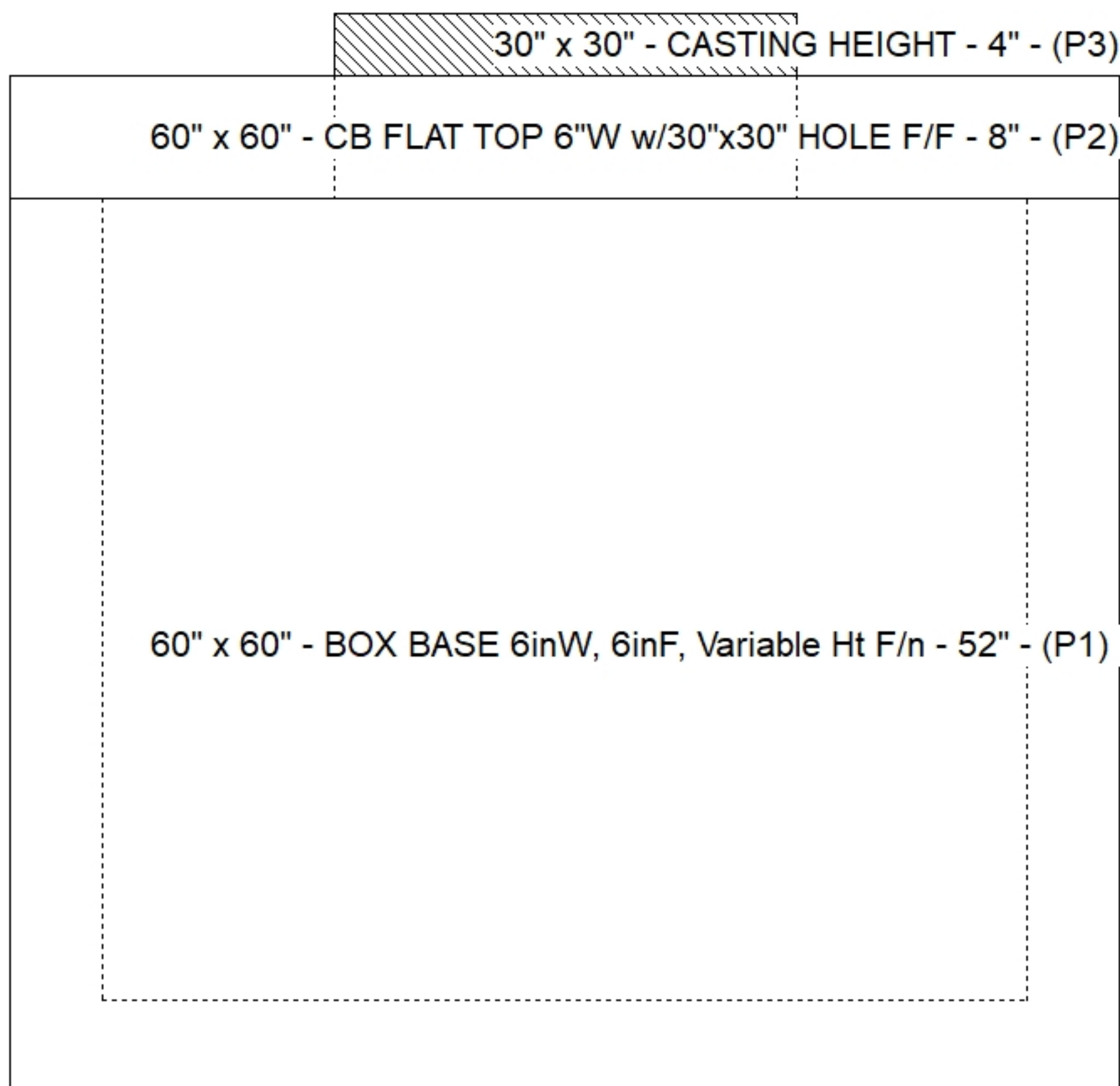
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As 31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As 31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

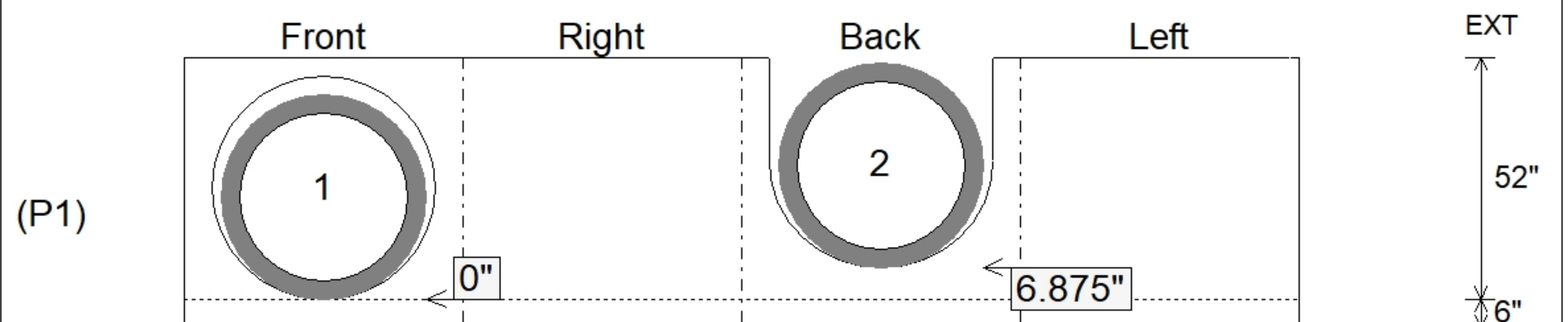
P3) 30" x 30" - CASTING HEIGHT - 4"	0 lb
P2) 60" x 60" - CB FLAT TOP 6"W w/30"x30" HOLE F/F - 8"	2878 lb
P1) 60" x 60" - BOX BASE 6inW, 6inF, Variable Ht F/n - 52"	7636 lb
1) CASTING - HOE 468 F/G	489 lb
1) 60" x 60" - Conseal CS-102 1.00"	0 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
1) Hole - 48	0 lb
1) DOGHOUSE INVRTD - 48"x45"	0 lb
Structure Total:	11002 lb



Position	Elev	Angle	Ext. (cw)	Pipe	Hole	Connector	Up ()	Ref
Rim	382.41'							
Reducer								
Invert 1	377.35'	0°	36"	36" RCP B WALL	48"	Hole 48	0"	P1
Invert 2	377.92'	180°	36"	36" RCP B WALL	48" x 45"	DOGHOUSE INVRTD 48"x45"	6.875"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/3/2025 9:26:13 AM

SUBMITTAL
 APPROVED BY: