

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 2**
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 60" x 60"

Rim: 381.67'
 Invert: 377.12'
 Rim to Invert: 4.55'

Sump: 3.996"
 Floor (Top): 376.787'
 Floor Height: 6"

Overall Height: 5.333'
 Slack: 0.596'

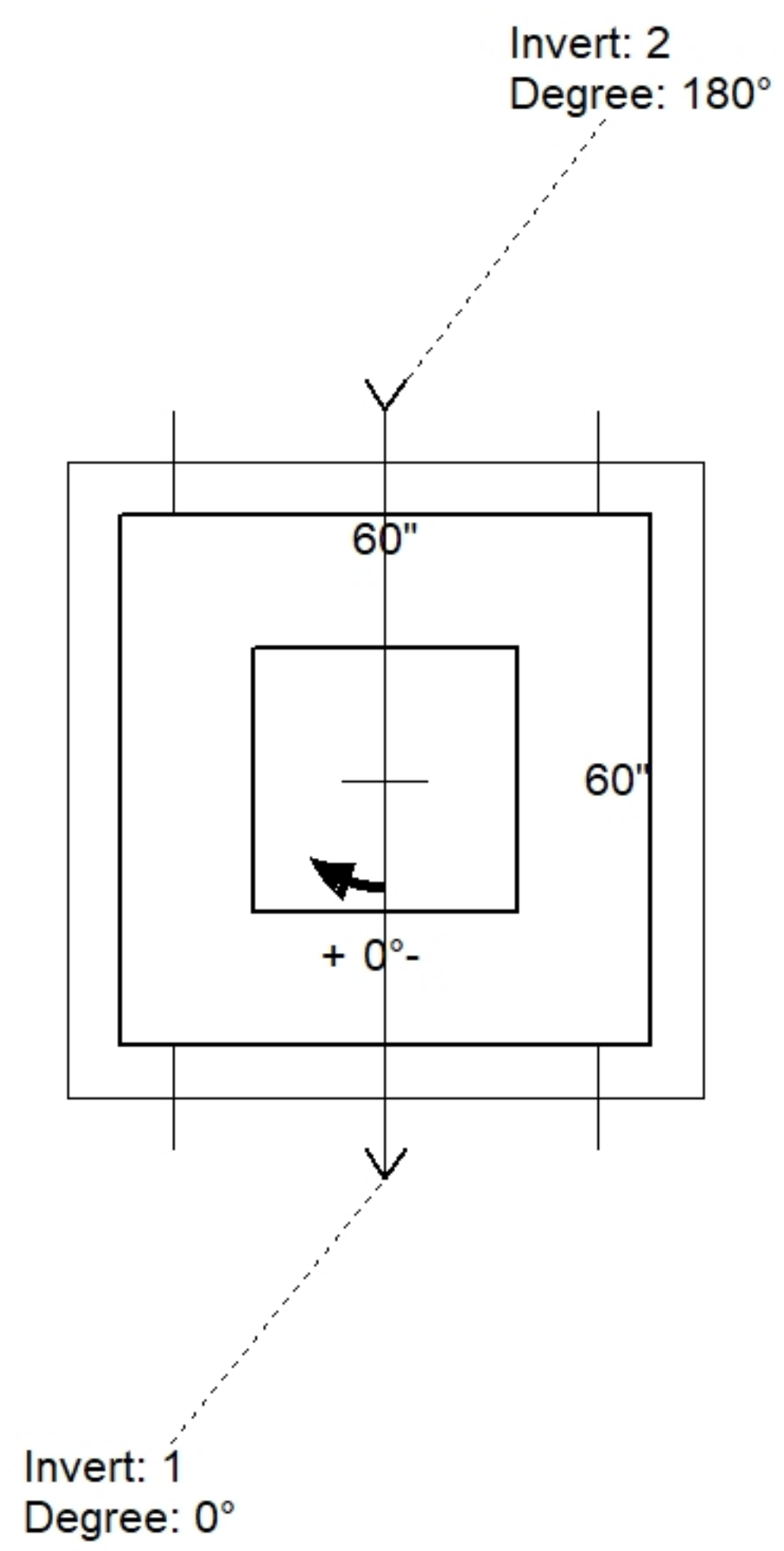
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 468 F/G).

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.

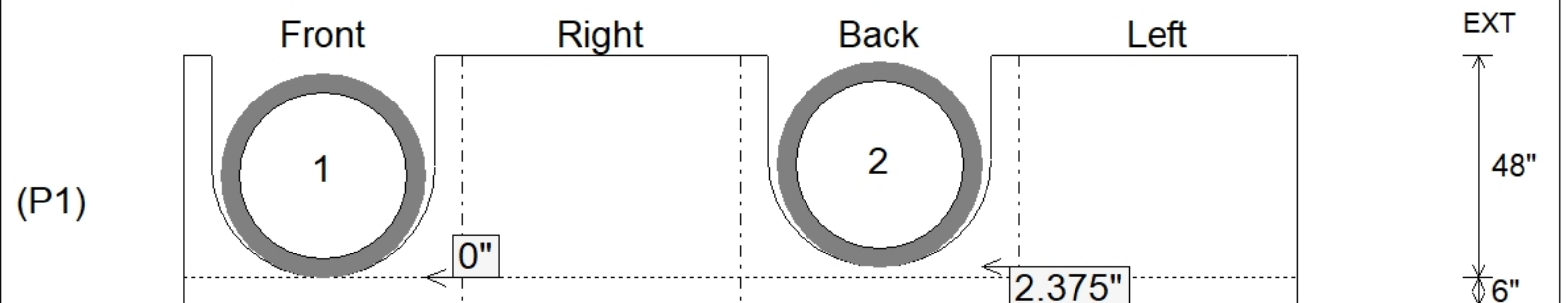
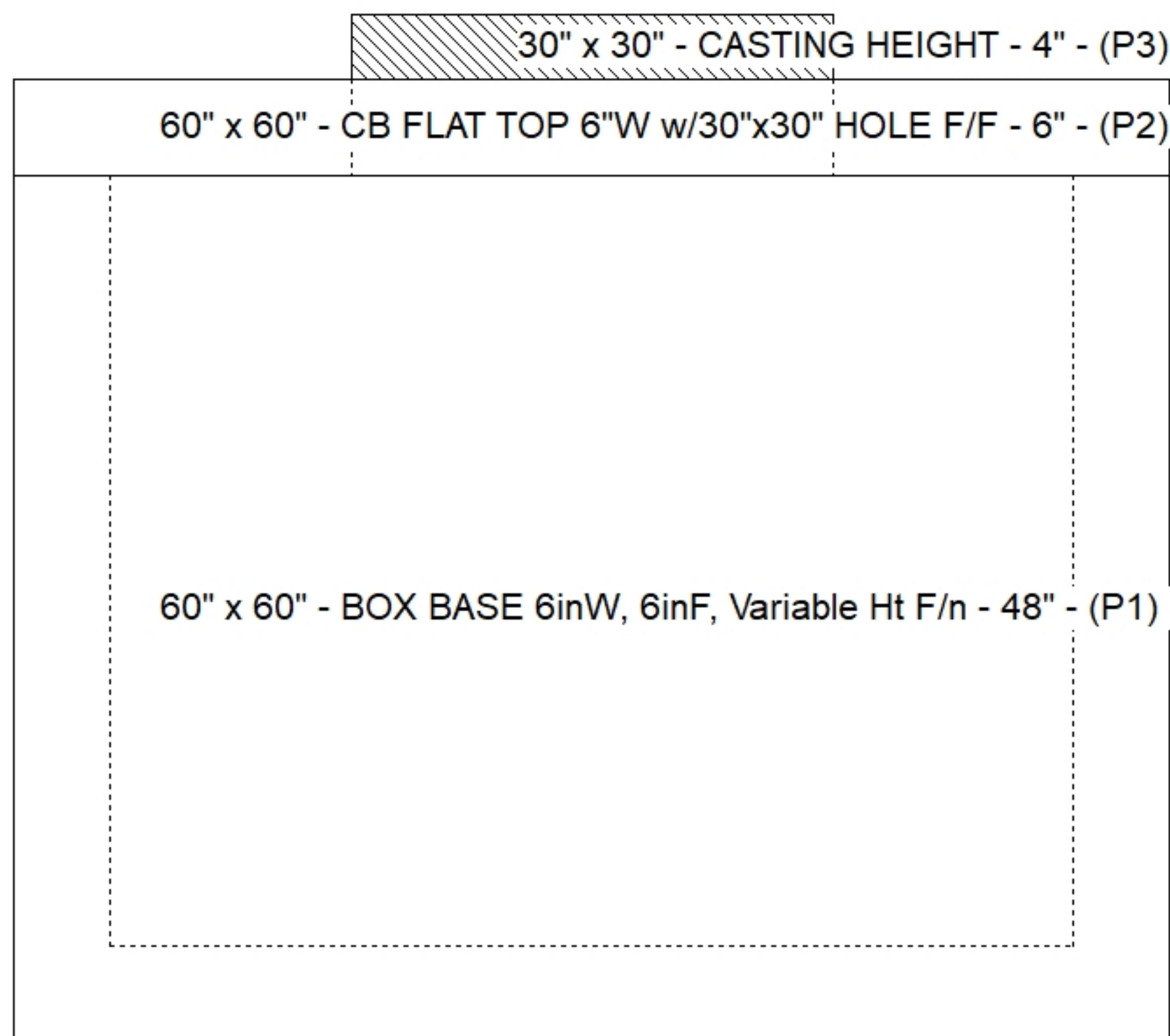
STRUCTURE SUMMARY:

P3) 30" x 30" - CASTING HEIGHT - 4"	0 lb
P2) 60" x 60" - CB FLAT TOP 6"W w/30"x30" HOLE F/F - 6"	2100 lb
P1) 60" x 60" - BOX BASE 6inW, 6inF, Variable Ht F/n - 48"	6968 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) DOGHOUSE INVRTD - 48"x47"	0 lb
1) DOGHOUSE INVRTD - 48"x45.50"	0 lb
Structure Total:	9557 lb



Position	Elev	Angle	Ext. (cw)	Pipe	Hole	Connector	Up ()	Ref
Rim	381.67'							
Reducer								
Invert 1	377.12'	0°	36"	36" RCP B WALL	48" x 47"	DOGHOUSE INVRTD 48"x47"	0"	P1
Invert 2	377.32'	180°	36"	36" RCP B WALL	48" x 45.5"	DOGHOUSE INVRTD 48"x45.50"	2.375"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/3/2025 7:40:24 AM

SUBMITTAL
 APPROVED BY: