

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

Rim: 381.72'  
 Invert: 376.16'  
 Rim to Invert: 5.56'

Sump: 4"  
 Floor (Top): 375.827'  
 Floor Height: 6"

Overall Height: 6.333'  
 Slack: 0.72"

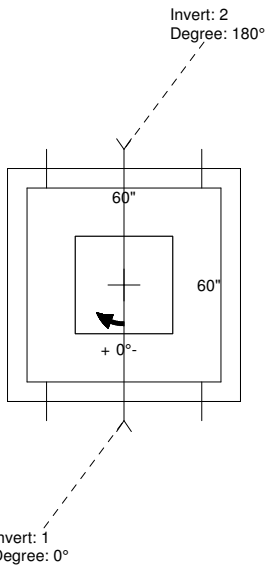
**Structure Notes:**

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

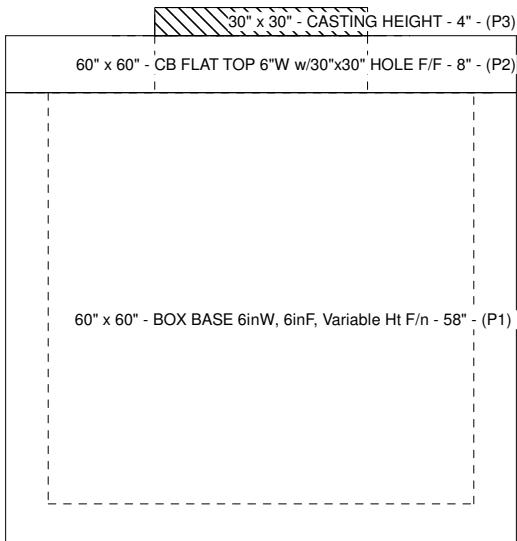
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As 31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As 31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

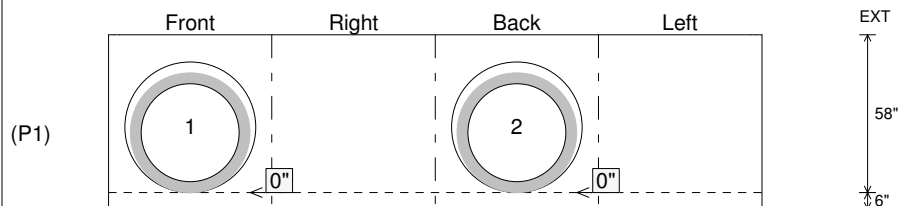
P3) 30" x 30" - CASTING HEIGHT - 4" 0 lb  
 P2) 60" x 60" - CB FLAT TOP 6"W w/30"x30" HOLE F/F - 8" 2878 lb  
 P1) 60" x 60" - BOX BASE 6inW, 6inF, Variable Ht F/n - 58" 8497 lb  
 489 lb  
 1) CASTING - HOE 468 F/G 0 lb  
 1) 60" x 60" - Conseal CS-102 1.00" 0 lb  
 1) 30" x 30" - Conseal CS-102 1.00" 0 lb  
 2) Hole - 48 0 lb  
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 Structure Total: 11864 lb



Position	Elev	Angle	Ext. (cw)	Pipe	Hole	Connector	Up (L)	Ref
Rim	381.72'							
Reducer								
Invert 1	376.16'	0°	36"	36" RCP B WALL	48"	Hole 48	0"	P1
Invert 2	376.16'	180°	36"	36" RCP B WALL	48"	Hole 48	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 10/3/2025 9:35:34 AM

SUBMITTAL  
 APPROVED BY: