

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

Plant: 100  
 10/3/2025 7:43:31 AM

Tech: J. Harsley  
 PC: A. Chambers



**Structure ID: Str 2**

**P1 BX6060-06BAVF**

**BOX BASE 6inW, 6inF, Variable Ht F/n**

- P3) 30" x 30" - CASTING HEIGHT - 4"
- P2) 60" x 60" - CB FLAT TOP 6"W w/30"x30" HOLE F/F - 6"
- P1) 60" x 60" - BOX BASE 6inW, 6inF, Variable Ht F/n - 48"
- 1) CASTING - HOE 468 F/G
- 1) 60" x 60" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 1) DOGHOUSE INVRTD - 48"x47"
- 1) DOGHOUSE INVRTD - 48"x45.50"

0 lb  
 2100 lb  
 6968 lb  
 489 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 Structure Total: 9557 lb

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).

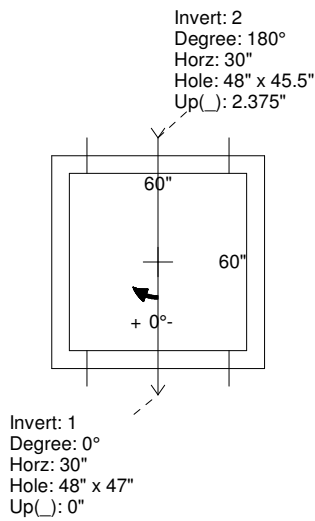
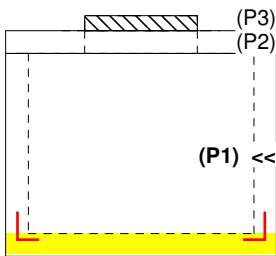
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As 31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As 31) #5 BARS AT 12" C.C.E.W.

Rim: 381.67' Rim to Invert: 4.55' Slack: 0.596" Sump: 3.996" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	377.12'	0°	36"	36" RCP B WALL	44"	DOGHOUSE INVRTD 48"x47"	48" x 47"	48"	0"	0"
Invert 2	377.32'	180°	36"	36" RCP B WALL	44"	DOGHOUSE INVRTD 48"x45.50"	48" x 45.5"	48"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

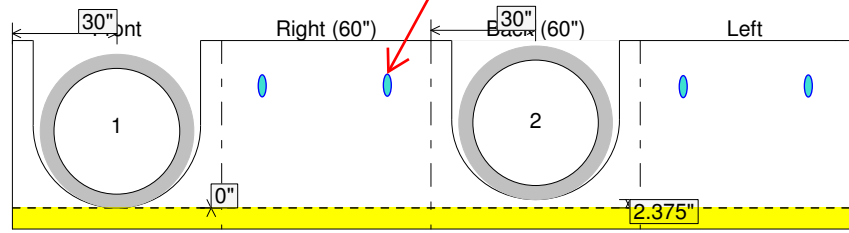
UPSIDE-DOWN VIEW (int. dimenions)



**1ST POUR (FLOOR) = 2,610 LBS  
 2ND POUR (WALLS) = 4,358 LBS**

**4 EA. CONAC 5CA14 LIFTERS  
 - IN 12" FROM EACH END  
 - DOWN 18" FROM TOP OF WALLS**

INSIDE WALL DIMENSIONS



(P1)

**1st POUR (FLOOR)  
 STUB #5 L BARS OUT TOP  
 OF FLOOR FOR  
 CONNECTING WALLS**

EXT  
 48"  
 6"

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 48" Height (Ext): 54"	Weight (Net): 6968 lb Volume (Net): 1.78cu.yd
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