

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

Plant: 100

Tech: J. Harsley

10/3/2025 9:26:55 AM

PC: A. Chambers



**Structure ID: Str 1**

**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 - 8"
- P1) 60" x 60" - BOX BASE 6inW, 6inF, Variable Ht F/n - 52"
- 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) Hole - 48
- 1) DOGHOUSE INVRTD - 48"x45"

0 lb  
 2878 lb  
 7636 lb  
 489 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 Structure Total: 11002 lb

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).

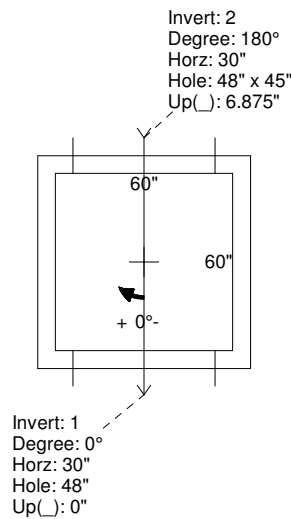
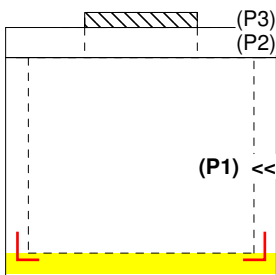
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As 31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As 31) #5 BARS AT 12" C.C.E.W.

Rim: 382.41' Rim to Invert: 5.06' Slack: 0.72" Sump: 4" Step Position:

| Position | Elev    | Angle | Ext. (cw) | Pipe           | Pipe OD | Connector               | Hole      | Horz Size | Up ( ) | Offset |
|----------|---------|-------|-----------|----------------|---------|-------------------------|-----------|-----------|--------|--------|
| Invert 1 | 377.35' | 0°    | 36"       | 36" RCP B WALL | 44"     | Hole 48                 | 48"       | 48"       | 0"     | 0"     |
| Invert 2 | 377.92' | 180°  | 36"       | 36" RCP B WALL | 44"     | DOGHOUSE INVRTD 48"x45" | 48" x 45" | 48"       | 6.875" | 0"     |
| Invert 3 |         |       |           |                |         |                         |           |           |        |        |
| Invert 4 |         |       |           |                |         |                         |           |           |        |        |
| Invert 5 |         |       |           |                |         |                         |           |           |        |        |
| Invert 6 |         |       |           |                |         |                         |           |           |        |        |
| Invert 7 |         |       |           |                |         |                         |           |           |        |        |
| Invert 8 |         |       |           |                |         |                         |           |           |        |        |

RIGHT-SIDE UP VIEW (int. dimensions)

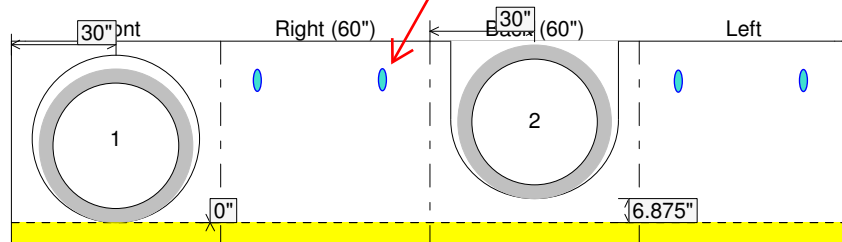
UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 2,610 LBS  
 2ND POUR (WALLS) = 5,026 LBS**

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

INSIDE WALL DIMENSIONS



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

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 6"  
 Floor Height: 6"

Height (Int): 52"  
 Height (Ext): 58"

Weight (Net): 7636 lb  
 Volume (Net): 1.95cu.yd