

Job Name: 24-3870 314 E Trinity
 Job Location: Nashville, TN
 Contractor: Hayes Pipe Supply

Plant: Beaver Dam

Tech: C.Russ

10/10/2025 11:18:32 AM

PC: E.Bradley



Structure ID: SCI A1

P1 BX3098_06BVF

BOX BASE 6inW, 6inF, Variable Ht

- P3) 28" x 28" - CASTING HEIGHT - 6"
- P2) 30" x 98" - BX FLAT LID 6inW w/28"x28" HOLE - 8"
- P1) 30" x 98" - BOX BASE 6inW, 6inF, Variable Ht - 28"
- 1) 28" x 28" - Conseal CS-102 1.00"
- 1) Hole - 26
- 1) Hole - 22

- Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY OTHERS
 5. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
 6. TOP SLAB TO HAVE 3/4" DEEP DROP KEY.

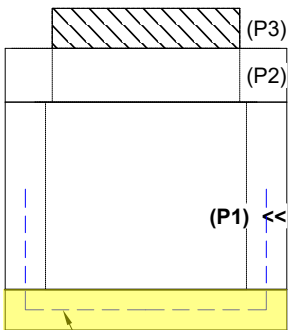
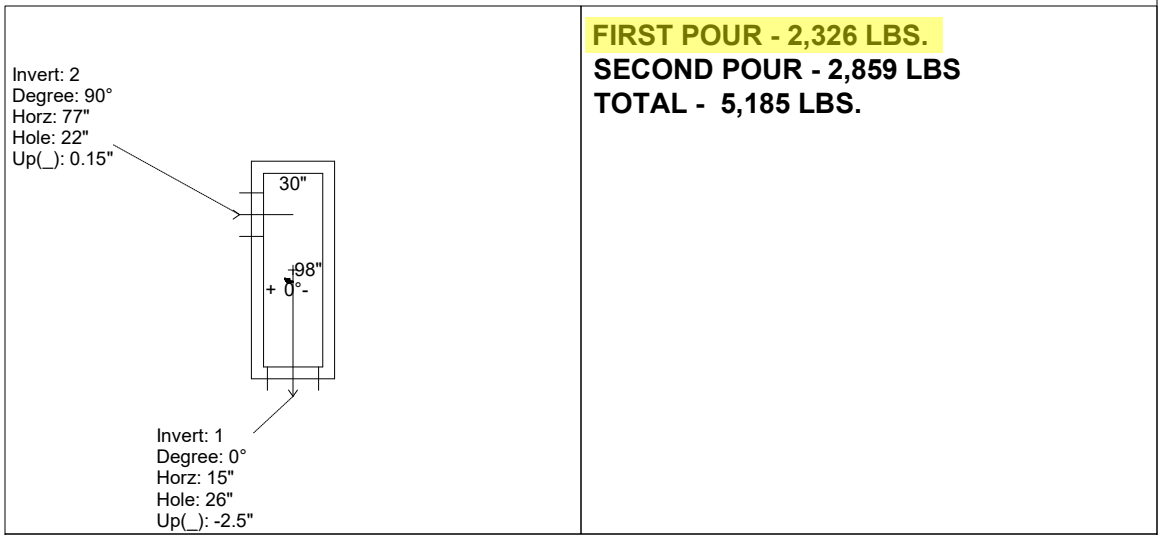
Structure Total: 8390 lb

FIRST POUR DRAWING

Rim: 533.14' Rim to Invert: 3.54' Slack: 0.48" Sump: 0" Step Position:

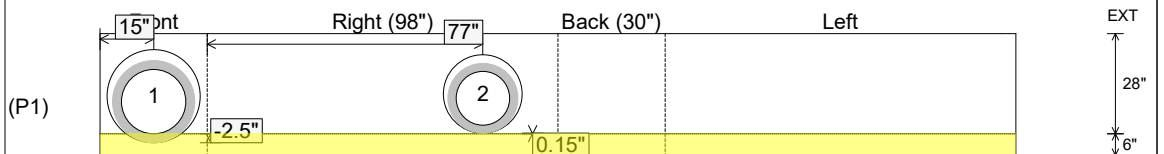
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	529.6'	0°	21"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"
Invert 2	529.8'	90°	83"	15" RCP B WALL	19.5"	Hole 22	22"	22"	0.15"	28"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



18" X 18" #5 BAR
 @ 12" ON CENTER
 TIED INTO THE MAT

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 28" Height (Ext): 34"	Weight (Net): 5815 lb Volume (Net): 1.48cu.yd
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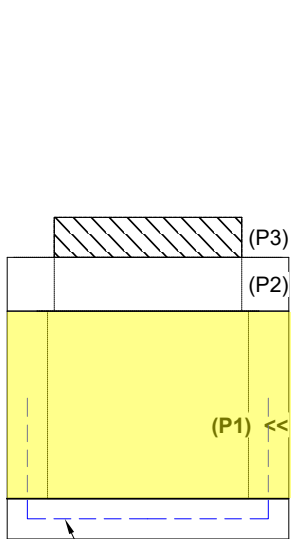
Structure Total: 8390 lb

SECOND POUR DRAWING

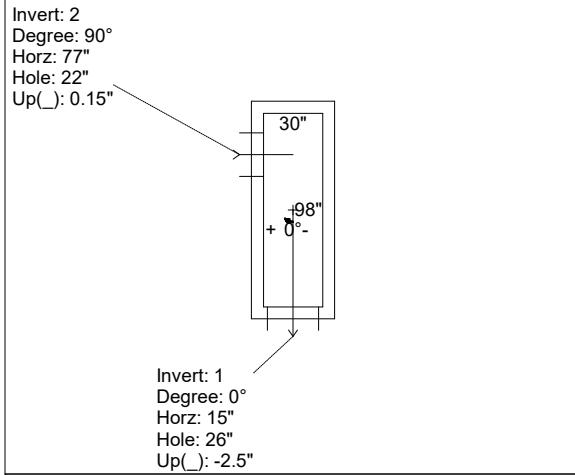
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Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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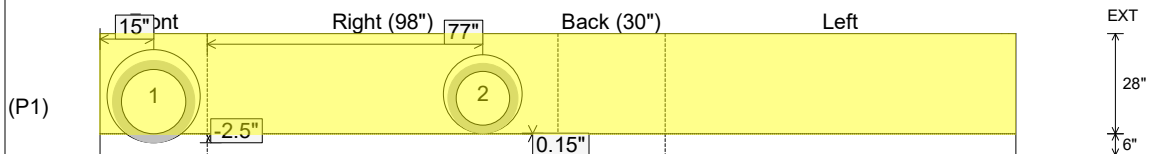


18" X 18" #5 BAR
 @ 12" ON CENTER
 TIED INTO THE MAT



FIRST POUR - 2,326 LBS.
SECOND POUR - 2,859 LBS
TOTAL - 5,185 LBS.

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 28" Height (Ext): 34"	Weight (Net): 5815 lb Volume (Net): 1.48cu.yd
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