

Job Name: 24-3511 Coles Ferry Section 18 & 19
 Job Location: Lebanon, TN
 Contractor: Covenant Constructors, LLC

Plant: Beaver Dam, KY
 2/23/2026 4:39:14 PM

Tech: J. Horsley
 PC: A. Chambers



Structure ID: CB13

P1 BX2896-06BVF

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

- P2) 28" x 96" - CASTING HEIGHT - 6"
- P1) 28" x 96" - BOX BASE 6inW, 6inF, Variable Ht F/n - 24"
- 1) CASTING - JBS 3101 Triple Set (F/G/H)
- 1) Hole - 22
- 4) LINTEL BAR SLOT n/n - 7"x1"

0 lb
 5256 lb
 1857 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 7113 lb

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (3ea. JBS 3101 F/G/H)

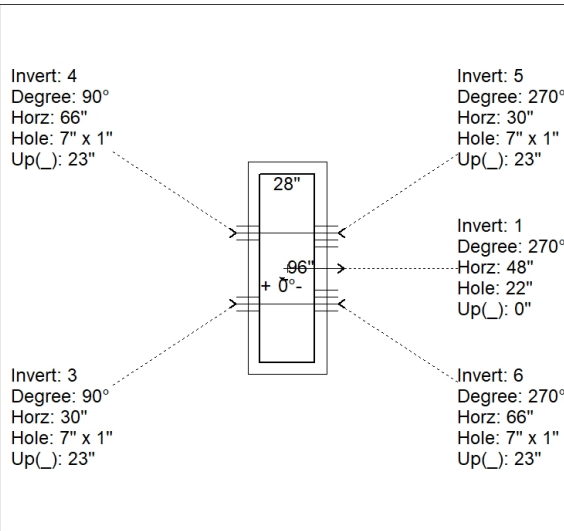
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 570.34' Rim to Invert: 2.39' Slack: 0.936" Sump: 2.256" Step Position:

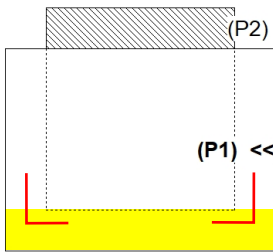
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	567.95'	270°	54"	15" RCP B WALL	19.5"	Hole 22	22"	22"	0"	0"
Invert 2										
Invert 3	569.68'	90°	36"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	23"	-18"
Invert 4	569.68'	90°	72"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	23"	18"
Invert 5	569.68'	270°	36"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	23"	-18"
Invert 6	569.68'	270°	72"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	23"	18"
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

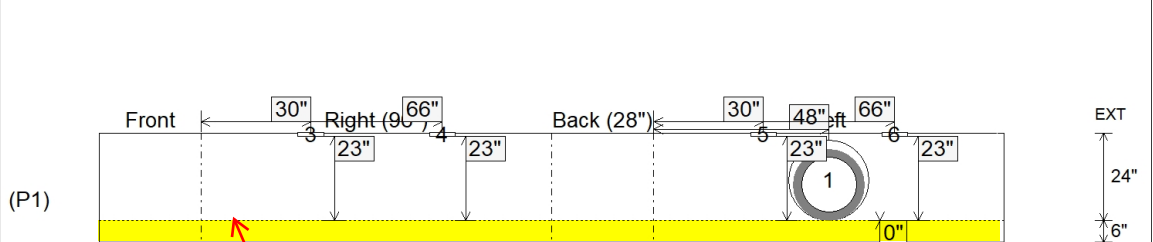
UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 2,175 LBS
 2ND POUR (WALLS) = 3,081 LBS**



INSIDE WALL DIMENSIONS



**1ST POUR (FLOOR)
 STUB #5 L BARS OUT P OF
 FLOOR AT 12" C/C FOR
 CONNECTING WALLS**

**CONSEAL CS-231
 BETWEEN FLOOR & WALLS**

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 5256 lb Volume (Net): 1.34cu.yd
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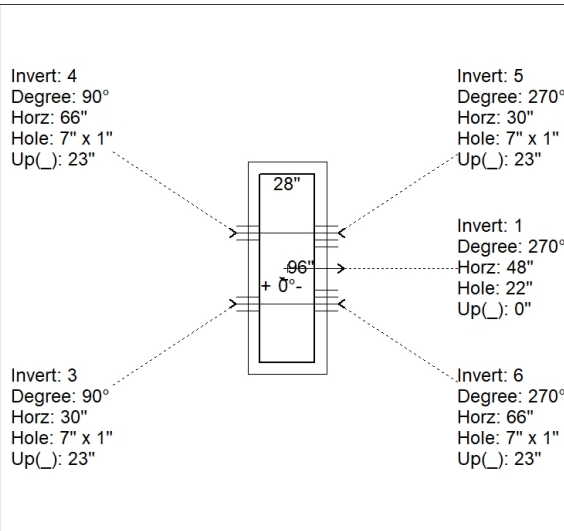
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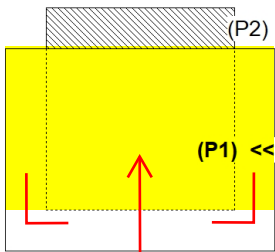
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RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

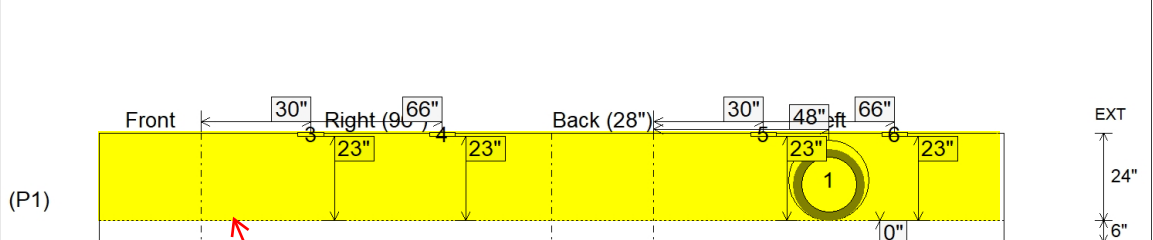


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 2ND POUR (WALLS) = 3,081 LBS**



2ND POUR (WALLS)

INSIDE WALL DIMENSIONS



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