

Job Name: 25-4256 Knoxville Quarry
 Job Location: Knoxville, TN
 Contractor: RA Alexander

Plant: 100

11/13/2025 7:07:26 AM

Tech: J.Jorsley - A

PC: Andy Chambers



Structure ID: 2

P1 BX9696-08BA-VH

BOX BASE 8inW, 8inF, Variable Ht F/n

- P2) 96" x 96" - CB FLAT TOP 8"W SOLID F/F - 10"
- P1) 96" x 96" - BOX BASE 8inW, 8inF, Variable Ht F/n - 88"
- 1) 96" x 96" - Conseal CS-102 1.00"
- 2) Hole - 76
- 8) MH Step ML-10-TDS-NCR - 10"

10526 lb
 26905 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 37431 lb

Structure Notes:

1. NO CASTING PROVIDED.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,500 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.

REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 10" C.C.E.W.

5. STRUCTURE#2 IS 10'-15" OF COVER.

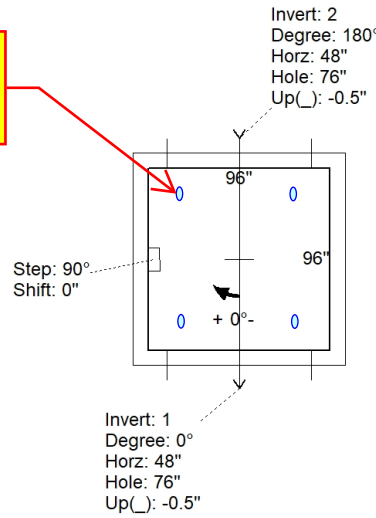
Rim: 8.2' Rim to Invert: 8.2' Slack: 0.4" Sump: 0" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	0'	0°	56"	72" CMP	73"	Hole 76	76"	76"	-0.5"	0"
Invert 2	0'	180°	56"	72" CMP	73"	Hole 76	76"	76"	-0.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

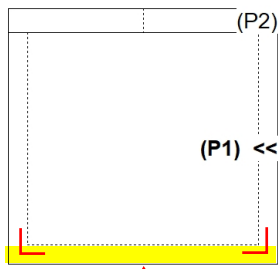
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

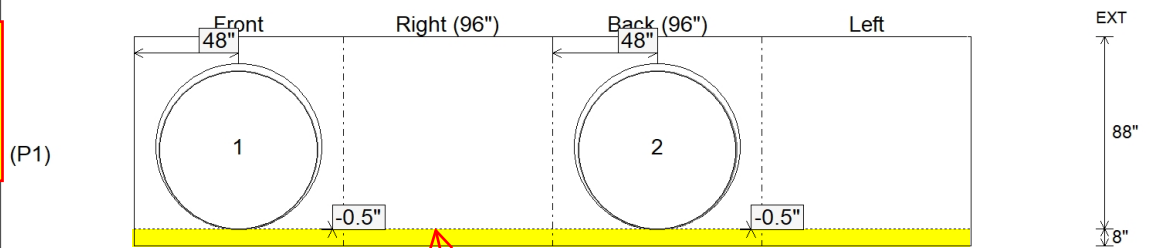
4 EA. CONAC 6CA18 LIFTERS IN FLOOR IN 19" FROM EACH CORNER



1ST POUR (FLOOR) = 8,425 LBS
 2ND POUR (WALLS) = 18,480 LBS



INSIDE WALL DIMENSIONS



1ST PUR (FLOOR) STUBB #5 L BARS OUT TOP 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: 8" Floor Height: 8"	Height (Int): 88" Height (Ext): 96"	Weight (Net): 26905 lb Volume (Net): 6.87cu.yd
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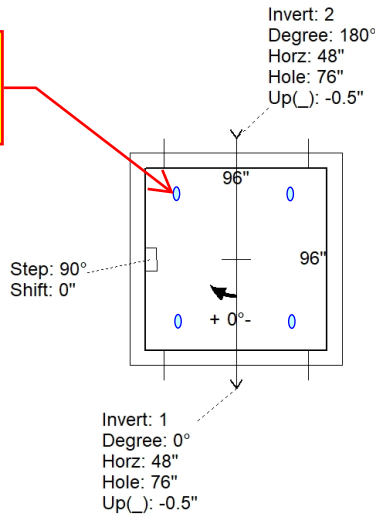
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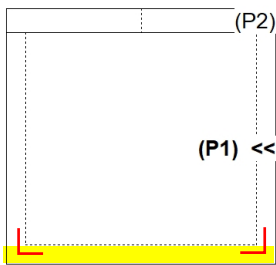
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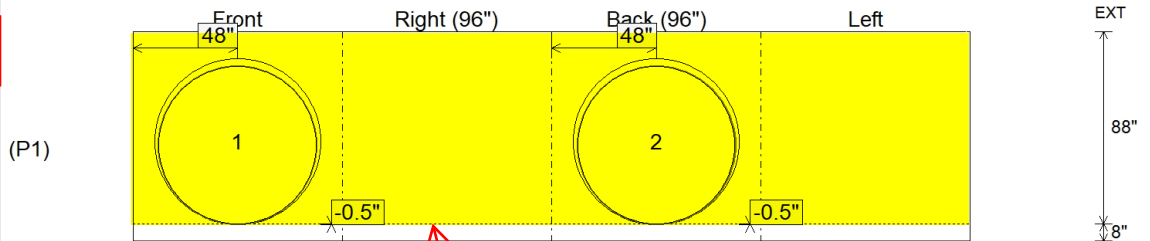


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2ND PUR (WALLS)

INSIDE WALL DIMENSIONS



CONSEAL CS-231 BETWEEN FLOOR & WALLS

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

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 Height (Ext): 96"

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