

Job Name: 25-3187 - Carter Caves WTP Upgrades Ph 3
Job Location: Olive Hill, KY
Contractor: Walker Principles

Plant: 100

Tech: J. Horsley

7/8/2026 9:06:56 AM

PC: E. Bradley



Structure ID: RAS/WAS VV

P1 BX7272-08W08F06EB-VF

BX BASE w/FLANGE 08W/08F/06EF

- P2) 72" x 72" - CB FLAT TOP 8"W w/36"X36 Hatch - 8"
P1) 72" x 72" - BX BASE w/FLANGE 08W/08F/06EF - 88"
1) LADDER (Alum.) - HALLIDAY L1B 72in Wall mount ladder
1) LADDER (Alum.) - HALLIDAY L1EAA Ladder Extension Safety Post
1) HATCH (Alum.) - HALLIDAY W1S 36"x36"
1) SECONDARY POUR - WALLS
1) 72" x 72" - Conseal CS-102 1.00"
5) A-Lok - 0150

4329 lb
25544 lb
50 lb
65 lb
78 lb
0 lb
0 lb
5 lb

30071 lb

Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO STEPS / NO INVERT CHANNEL.
4. HATCH BY ICAST (HALLIDAY W1S 36"x36")
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .18)

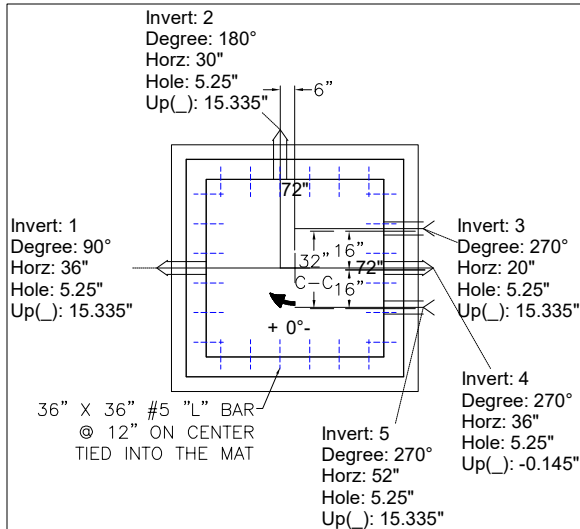
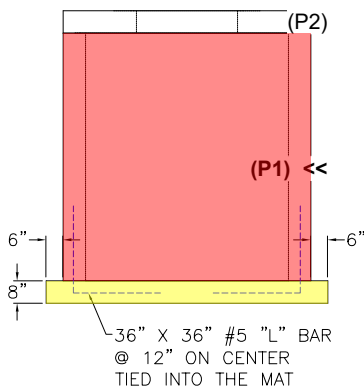
Structure Total:

Rim: 890.5' Rim to Invert: 7.96' Slack: 0" Sump: 0.48" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	883.83'	90°	44"	4" DI	4.75"	A-Lok 0150	5.25"	5.25"	15.335"	0"
Invert 2	883.83'	180°	38"	4" DI	4.75"	A-Lok 0150	5.25"	5.25"	15.335"	-6"
Invert 3	883.83'	270°	28"	4" DI	4.75"	A-Lok 0150	5.25"	5.25"	15.335"	-16"
Invert 4	882.54'	270°	44"	4" DI	4.75"	A-Lok 0150	5.25"	5.25"	-0.145"	0"
Invert 5	883.83'	270°	60"	4" DI	4.75"	A-Lok 0150	5.25"	5.25"	15.335"	16"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



FIRST POUR DRAWING

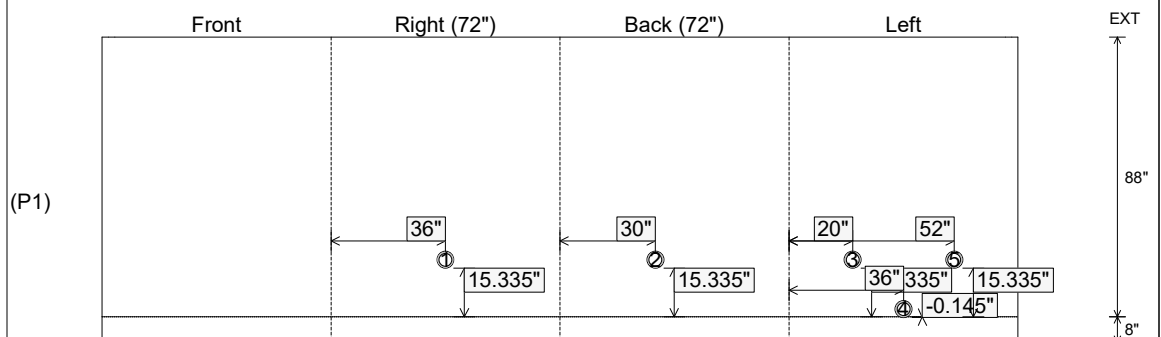
WEIGHTS:

FIRST POUR: 6,713 LBS

SECOND POUR: 18,831 LBS

TOTAL: 25,544 LBS

INSIDE WALL DIMENSIONS



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): 25544 lb
Volume (Net): 6.52cu.yd

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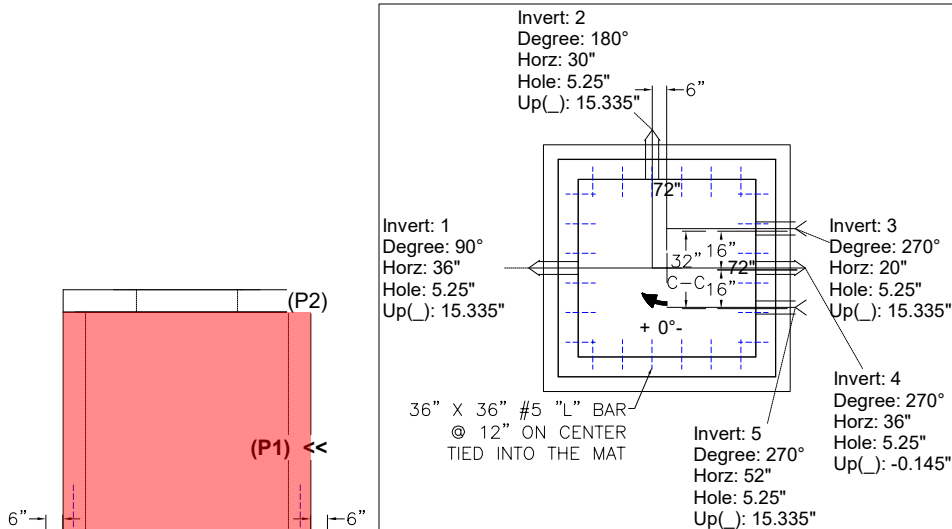
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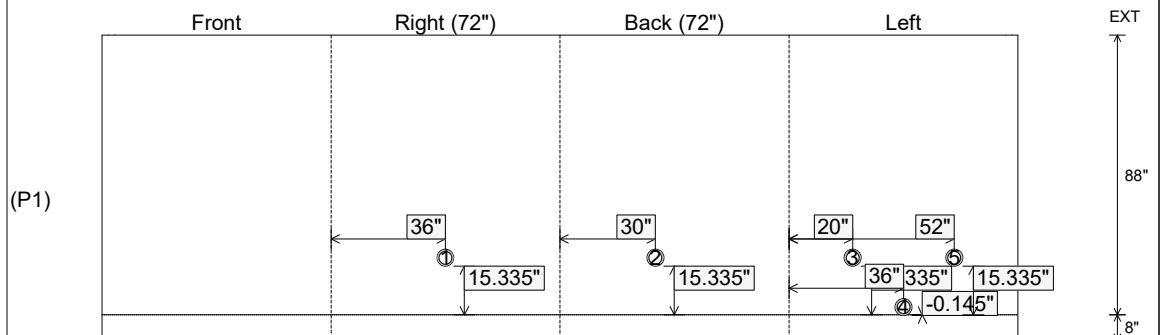
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



SECOND POUR DRAWING
WEIGHTS:
FIRST POUR: 6,713 LBS
SECOND POUR: 18,831 LBS
TOTAL: 25,544 LBS

INSIDE WALL DIMENSIONS



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Coating (Ext):

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Seam Dn: n/a

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