

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

Plant: 100

7/6/2026 11:03:34 AM

Tech: J. Horsley

PC: E. Bradley



Structure ID: RAS/WAS WW

P4 MH096RSVF

MH RISER Custom Ht

P5) 96" - MH FLAT TOP w/36"x54" Hatch - 17"
P4) 96" - MH RISER Custom Ht - 88"
P3) 96" - MH RISER - 96"
P2) 96" - MH RISER - 96"
P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) - 12"
4) JOINT WRAP - 12" WD x 096" MAC WRAP
1) HATCH (Alum.) - HALLIDAY W1S 36"x54"
4) 96" - Conseal CS-231 1.00" (Double)
1) A-Lok - 0150
2) Quik-Lok - QL-04-C
5) A-Lok - 0225

8969 lb
21734 lb
23881 lb
23881 lb
19580 lb
0 lb
107 lb
0 lb
1 lb
2 lb
5 lb

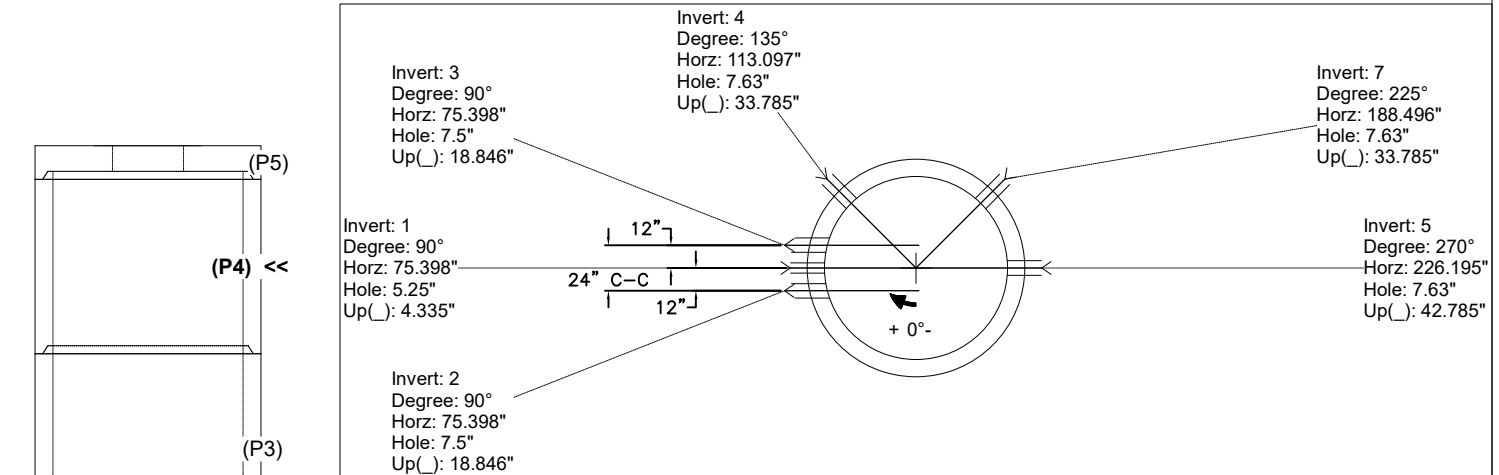
Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO STEPS / NO INVERT CHANNEL.
4. HATCH BY ICAST (HALLIDAY W1S 36"x54")
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .24)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total: 98160 lb

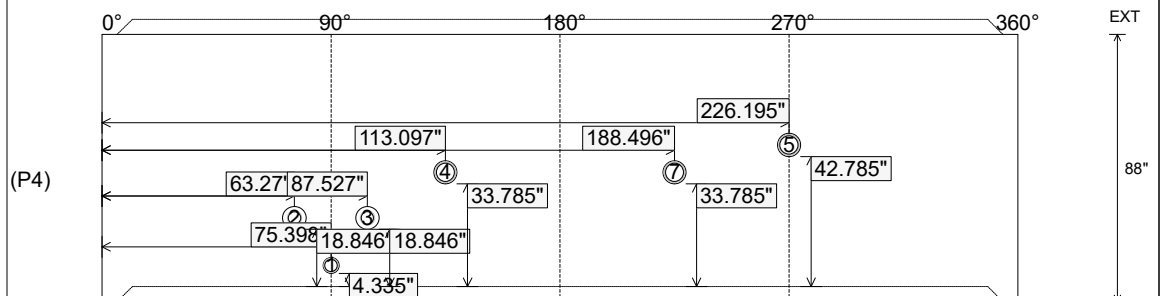
Rim: 890.5' Rim to Invert: 18.4' Slack: 0.6" Sump: 76.8" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.53'	90°	89.535"	4" DI	4.75"	A-Lok 0150	5.25"	5.253"	4.335"	0"
Invert 2	883.833'	90°	77.445"	4" DI	4.75"	Quik-Lok QL-04-C	7.5"	7.756"	18.846"	-12"
Invert 3	883.833'	90°	101.626"	4" DI	4.75"	Quik-Lok QL-04-C	7.5"	7.756"	18.846"	12"
Invert 4	885'	135°	134.303"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	33.785"	0"
Invert 5	885.75'	270°	268.606"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	42.785"	0"
Invert 6										
Invert 7	885'	225°	223.838"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	33.785"	0"
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 9"
Floor Height: 0"

Height (Int): 88"
Height (Ext): 88"

Weight (Net): 21734 lb
Volume (Net): 5.55cu.yd