Job Name: 25-3187 - Carter Caves WTP Upgrades Ph 3 Job Location: Olive Hill, KY Contractor: Walker Principles	Plant: 100 7/8/2026 8:43:17 AM	Tech: J. Horsley PC: E. Bradley	

Structure ID: RAS/WAS WW

P2 MH096RS96 MH RISER

P5) 96" - MH FLAT TOP w/36"x54" Hatch - 17"	8969 lb
P4) 96" - MH RISER Custom Ht - 88"	21906 lb
P3) 96" - MH RISER - 96"	23915 lb
P2) 96" - MH RISER - 96"	23846 lb
P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) - 12"	19580 lb
4) JOINT WRAP - 12" WD x 096" MAC WRAP	0 lb
1) HATCH (Alum.) - HALLIDAY W1S 36"x54"	107 lb
4) 96" - Conseal CS-231 1.00" (Double)	0 lb
1) A-Lok - 0150	1 lb
2) A-Lok - 0225	2 lb
Structure Total:	98327 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")
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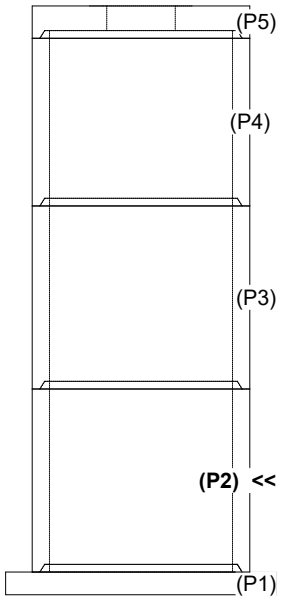
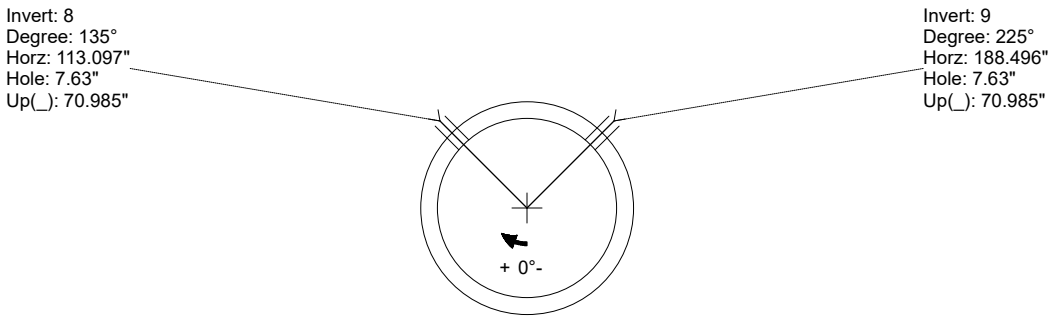
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .24)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

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

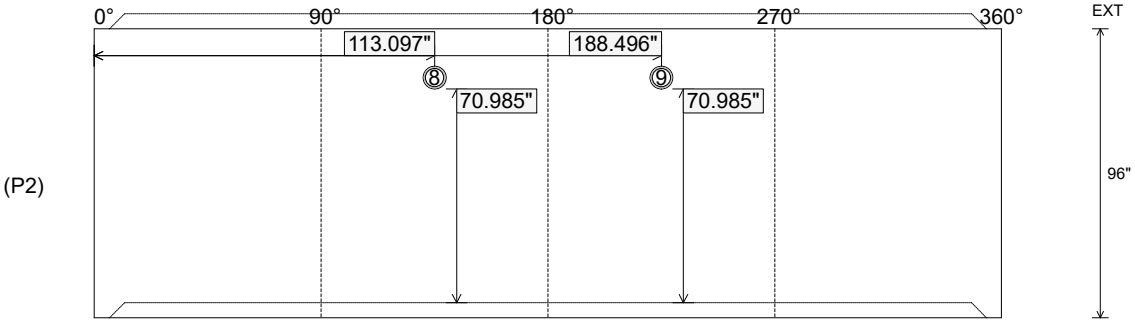
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 8	872.1'	135°	134.303"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	70.985"	0"
Invert 9	872.1'	225°	223.838"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	70.985"	0"



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): 96" Height (Ext): 96"	Weight (Net): 23846 lb Volume (Net): 6.09cu.yd