

Job Name: 25-3479 - Phase 24 Wastewater System Improvements  
 Job Location: Columbia, KY  
 Contractor: Cumberland Pipeline LLC

Plant: 100  
 3/23/2026 1:48:35 PM

Tech: J. Horsley - F  
 PC: E. Bradley



**Structure ID: Majestic V.V.**

**P1 BX7272-08W08F06EB-VFCDARED BX BASE w/FLANGE 08W/08F/06EF w/ConBlock-CDA Red F/n**

P2) 72" x 72" - CB FLAT TOP 8"W w/36"x60" HATCH w/ConBlock-CDA Red F/F - 8"	3749 lb
P1) 72" x 72" - BX BASE w/FLANGE 08W/08F/06EF w/ConBlock-CDA Red F/n - 64"	20353 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) HATCH (Alum.) - HALLIDAY W1S 36"x60"	116 lb
1) 72" x 72" - Conseal CS-102 1.00" (Double)	0 lb
1) 36" x 60" - Conseal CS-102 1.00" (Double)	0 lb
3) A-Lok - 0225	3 lb
1) A-Lok - 0160	1 lb
<b>Structure Total:</b>	<b>24222 lb</b>

**Structure Notes:**  
 1. PER ASTM C913 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. ADMIXTURE = CONBLOCK CDA RED.  
 4. NO STEPS & NO INVERT CHANNEL.  
 5. CASTING BY ICAST (HALLIDAY W1S 36"x60")

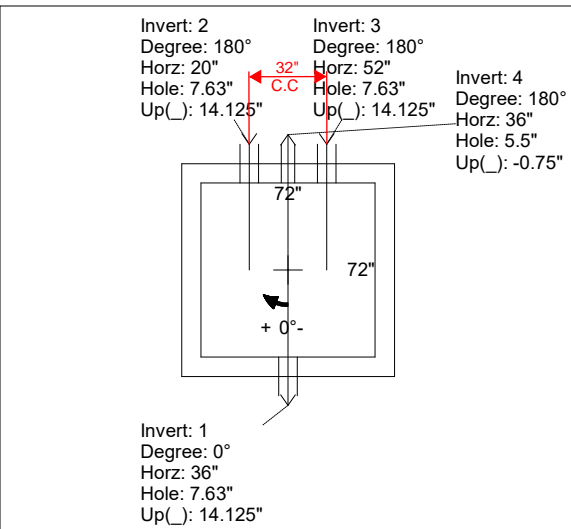
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .47) #5 BARS AT 8" C.C.E.W..  
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 675.89' Rim to Invert: 6' Slack: 0' Sump: 0' Step Position:

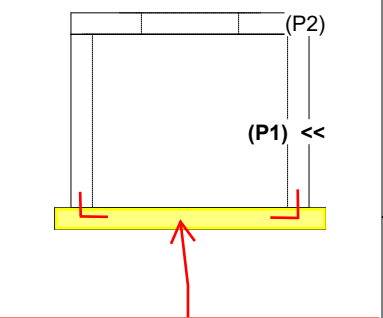
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	671.14'	0°	44"	6" DI	6.875"	A-Lok 0225	7.63"	7.63"	14.125"	0"
Invert 2	671.14'	180°	28"	6" DI	6.875"	A-Lok 0225	7.63"	7.63"	14.125"	-16"
Invert 3	671.14'	180°	60"	6" DI	6.875"	A-Lok 0225	7.63"	7.63"	14.125"	16"
Invert 4	669.89'	180°	44"	4" DI	4.75"	A-Lok 0160	5.5"	5.5"	-0.75"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

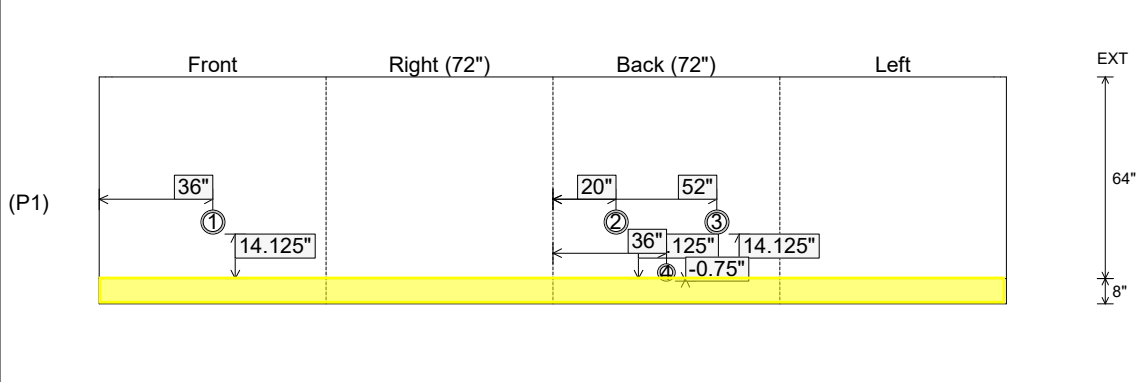


**WEIGHTS**  
**FIRST POUR - 6,713 LBS**  
**SECOND POUR - 13,640 LBS**  
**TOTAL - 20,353 LBS**



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

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 64" Height (Ext): 72"	Weight (Net): 20353 lb Volume (Net): 5.2cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 25-3479 - Phase 24 Wastewater System Improvements  
 Job Location: Columbia, KY  
 Contractor: Cumberland Pipeline LLC

Plant: 100  
 3/23/2026 1:48:35 PM

Tech: J. Horsley - F  
 PC: E. Bradley



**Structure ID: Majestic V.V.**

**P1 BX7272-08W08F06EB-VFCDARED BX BASE w/FLANGE 08W/08F/06EF w/ConBlock-CDA Red F/n**

P2) 72" x 72" - CB FLAT TOP 8"W w/36"x60" HATCH w/ConBlock-CDA Red F/F - 8"	3749 lb
P1) 72" x 72" - BX BASE w/FLANGE 08W/08F/06EF w/ConBlock-CDA Red F/n - 64"	20353 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) HATCH (Alum.) - HALLIDAY W1S 36"x60"	116 lb
1) 72" x 72" - Conseal CS-102 1.00" (Double)	0 lb
1) 36" x 60" - Conseal CS-102 1.00" (Double)	0 lb
3) A-Lok - 0225	3 lb
1) A-Lok - 0160	1 lb
<b>Structure Total:</b>	<b>24222 lb</b>

**Structure Notes:**  
 1. PER ASTM C913 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. ADMIXTURE = CONBLOCK CDA RED.  
 4. NO STEPS & NO INVERT CHANNEL.  
 5. CASTING BY ICAST (HALLIDAY W1S 36"x60")

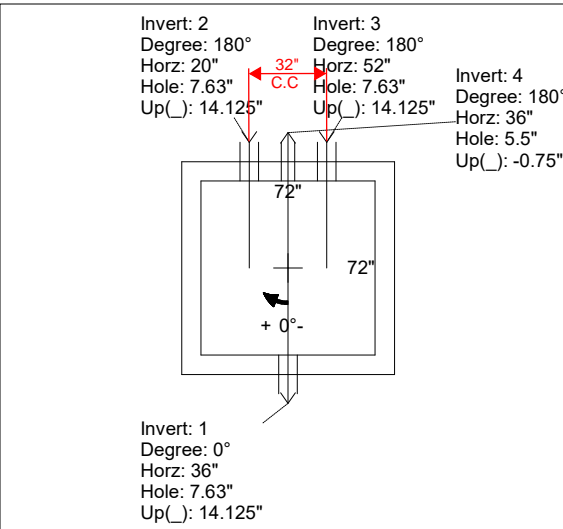
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .47) #5 BARS AT 8" C.C.E.W.  
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 675.89' Rim to Invert: 6' Slack: 0' Sump: 0' Step Position:

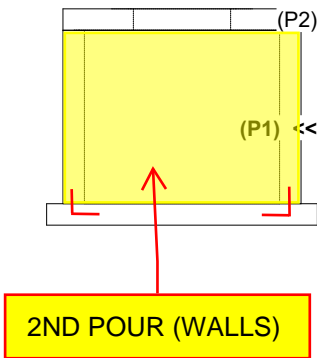
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	671.14'	0°	44"	6" DI	6.875"	A-Lok 0225	7.63"	7.63"	14.125"	0"
Invert 2	671.14'	180°	28"	6" DI	6.875"	A-Lok 0225	7.63"	7.63"	14.125"	-16"
Invert 3	671.14'	180°	60"	6" DI	6.875"	A-Lok 0225	7.63"	7.63"	14.125"	16"
Invert 4	669.89'	180°	44"	4" DI	4.75"	A-Lok 0160	5.5"	5.5"	-0.75"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

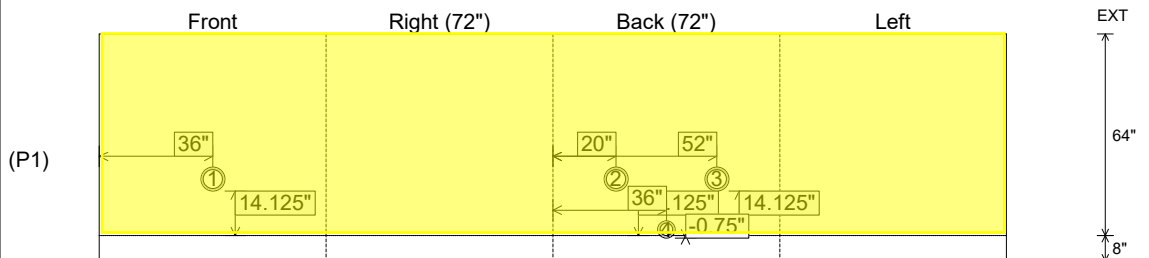
UPSIDE-DOWN VIEW (int. dimensions)



**WEIGHTS**  
**FIRST POUR - 6,713 LBS**  
**SECOND POUR - 13,640 LBS**  
**TOTAL - 20,353 LBS**



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 64" Height (Ext): 72"	Weight (Net): 20353 lb Volume (Net): 5.2cu.yd
----------------------------------	-------------------------------	--	--	--