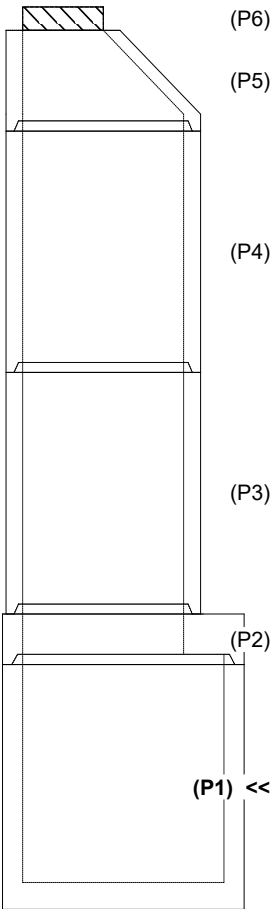


Job Name: 25-4590 Uhlhorn Sewer Repairs Job Location: Evansville, IN Contractor: Bowen Engineering Corporation					Plant: Beaver Dam 5/11/2026 10:20:09 AM		Tech: S. Felletter PC: A. Chambers						
Structure ID: 102 (8)													
P1 MH060BAVFCDARED			MH BASE Custom Ht, w/ConBlock-CDA Red T/n										
P6) 24" - CASTING HEIGHT - 7" P5) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" P4) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" P2) 60" - MH TRANS. SLAB ECC w/ConBlock-CDA Red T/G - 15" P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 65" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 60" - MH INVERT CHANNEL EWSU w/ConBlock-CDA Red - FULL HEIGHT 1) CASTING - HOE MC-315 F/C Sanitary 1) 60" - Conseal CS-102 1.00" (Double) 3) 48" - Conseal CS-102 1.00" (Double) 2) Kor-N-Seal2 - S206-30						0 lb 1961 lb 5030 lb 5030 lb 2204 lb 8779 lb 0 lb 0 lb 2962 lb 258 lb 0 lb 0 lb 13 lb ----- Structure Total: 26237 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-315 F/C "SANITARY"). 4. NO STEPS. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.					
Rim: 378.49' Rim to Invert: 21.57' Slack: 0.84" Sump: 3" Step Position:													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1	356.92'	0°	0"	24" PVC C900	25.8"	Kor-N-Seal2 S206-30	30"	31.416"	0"	0"			
Invert 2	357.02'	175°	109.956"	24" PVC C900	25.8"	Kor-N-Seal2 S206-30	30"	31.416"	1.2"	0"			
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													



(P6)
(P5)
(P4)
(P3)
(P2)
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 175°
Horz: 91.63"
Hole: 30"
Up(): 1.2"

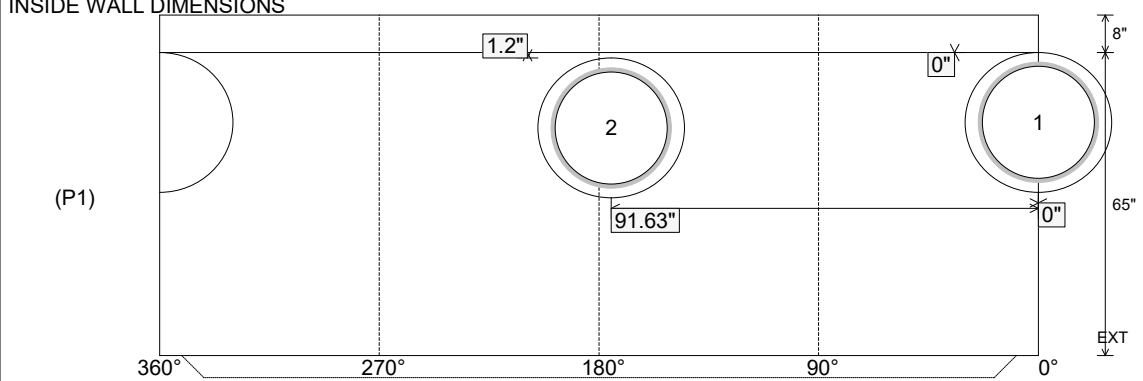
Invert: 1
Degree: 0°
Horz: 0"
Hole: 30"
Up(): 0"

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
Degree: 175°
Horz: 91.63"
Hole: 30"
Up(): 1.2"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 30"
Up(): 0"

INSIDE WALL DIMENSIONS



360° 270° 180° 90° 0°

EXT

Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 8"

Height (Int): 65"
Height (Ext): 73"

Weight (Net): 8779 lb
Volume (Net): 2.24cu.yd

Job Name: 25-4590 Uhlhorn Sewer Repairs Job Location: Evansville, IN Contractor: Bowen Engineering Corporation					Plant: Beaver Dam 5/11/2026 10:20:09 AM		Tech: S. Felletter PC: A. Chambers					
Structure ID: 102 (8)												
P1 MH060BAVFCDARED			MH BASE Custom Ht, w/ConBlock-CDA Red T/n									
P6) 24" - CASTING HEIGHT - 7" P5) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" P4) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" P2) 60" - MH TRANS. SLAB ECC w/ConBlock-CDA Red T/G - 15" P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 65" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 60" - MH INVERT CHANNEL EWSU w/ConBlock-CDA Red - FULL HEIGHT 1) CASTING - HOE MC-315 F/C Sanitary 1) 60" - Conseal CS-102 1.00" (Double) 3) 48" - Conseal CS-102 1.00" (Double) 2) Kor-N-Seal2 - S206-30						0 lb 1961 lb 5030 lb 5030 lb 2204 lb 8779 lb 0 lb 0 lb 2962 lb 258 lb 0 lb 0 lb 13 lb ----- 26237 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-315 F/C "SANITARY"). 4. NO STEPS. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.				
Rim: 378.49' Rim to Invert: 21.57' Slack: 0.84" Sump: 3" Step Position:						Invert channel drawing Full height invert EWSU invert required						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	356.92'	0°	0"	24" PVC C900	25.8"	Kor-N-Seal2 S206-30	30"	31.416"	0"	0"		
Invert 2	357.02'	175°	109.956"	24" PVC C900	25.8"	Kor-N-Seal2 S206-30	30"	31.416"	1.2"	0"		
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												

(P6)

(P5)

(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 175°
Horz: 91.63"
Hole: 30"
Up(): 1.2"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 30"
Up(): 0"

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
Degree: 175°
Horz: 91.63"
Hole: 30"
Up(): 1.2"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 30"
Up(): 0"

INSIDE WALL DIMENSIONS

360° 270° 180° 90° 0°

1.2" 0" 91.63" 0" 65" 8" EXT

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 65" Height (Ext): 73"	Weight (Net): 8779 lb Volume (Net): 2.24cu.yd
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