

Job Name: 25-2054B - South US 27 Ph 2 Sewer Extension
 Job Location: Somerset, KY 42501
 Contractor: Weddle Enterprises, Inc

Plant: Beaver Dam, KY

Tech: K. Cardwell

3/2/2026 2:27:13 PM

PC: C. Goff



Structure ID: Wet Well

P1 MH072BAEVF-CDARED

MH BASE EF Cust. Ht. 12"F (14"EF =114"OD) w/ConBlock CDA R

P5)	36" x 48" - HATCH (CAST FLUSH) - 3"	0 lb
P4)	72" - MH FLAT TOP w/36"x48" Hatch w/ConBlock CDA Red F/G - 15"	3880 lb
P3)	72" - MH RISER SPECIAL w/ConBlock-CDA Red T/G - 24"	3499 lb
P2)	72" - MH RISER SPECIAL w/ConBlock-CDA Red T/G - 84"	12086 lb
P1)	72" - MH BASE EF Cust. Ht. 12"F (14"EF =114"OD) w/ConBlock CDA Red T/n - 63"	19395 lb
1)	ADMIXTURE CONBLOCK CDA RED	0 lb
1)	SPECIAL Internal Coating - Carboline 300M	0 lb
1)	This Structure Includes a Cast-in Item - Halliday W1R 36" x 48" Hatch	0 lb
1)	SECONDARY POUR - Extended Base Flange	0 lb
1)	HATCH (Alum.) - HALLIDAY W1R 36"x48"	97 lb
3)	72" - Conseal CS-231 1.00" (Double)	0 lb
1)	36" x 48" - Conseal CS-231 1.00" (Double)	0 lb
3)	Hole - 8	0 lb
2)	PSX - 12M DD (DBL Bands)	16 lb
	336.94 SqFt) Carboline Bitumastic 300M [INT]	0 lb
	Structure Total:	38973 lb

Structure Notes:
 1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 5,000 PSI AT 28 DAYS
 3. REINFORCEMENT:
 - WALLS: PER ASTM A615
 - FLOOR: DOUBLE MAT #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STEPS
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. CARBOLINE 300M INTERNAL COATING REQUIRED (BY ICAST)

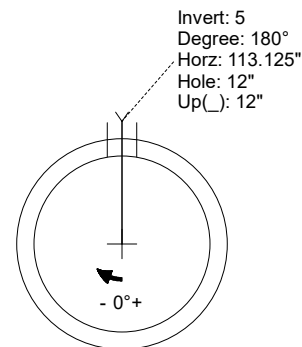
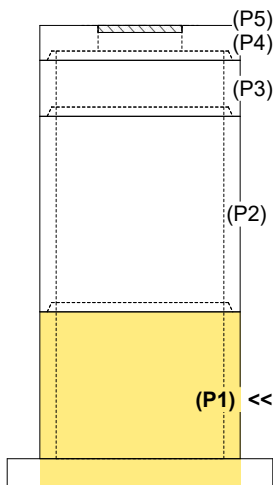
FIRST POUR (BASE): 14,965 LBS
SECOND POUR (EXT. FLANGE): 4,430 LBS

Rim: 848.5' Rim to Invert: 14.34' Slack: 0.08" Sump: 14" Step Position:

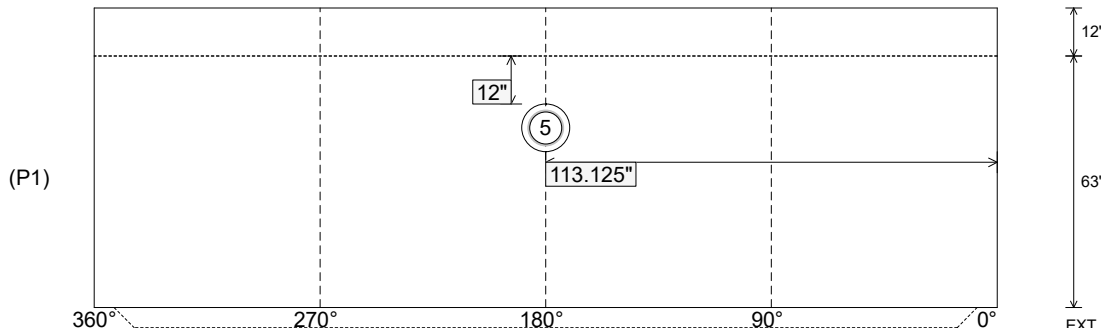
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5	834.16'	180°	135.125"	8" DI	9"	PSX 12M DD (DBL Bands)	12"	12.056"	12"	0"
Invert 6										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Carboline Bitumastic 300M
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 7"
 Floor Height: 12"

Height (Int): 63"
 Height (Ext): 75"

Weight (Net): 19395 lb
 Volume (Net): 4.95cu.yd

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 4. NO STEPS
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. CARBOLINE 300M INTERNAL COATING REQUIRED (BY ICAST)
 7. LIFTERS: 4 EA. 5CA18 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AT 45°, 135°, 225°, & 315°, MIN. 16" FROM TOP OF WALLS

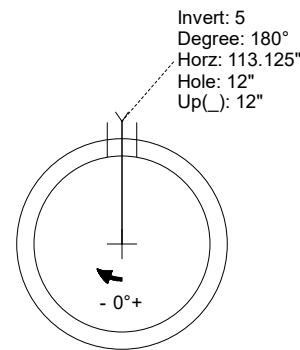
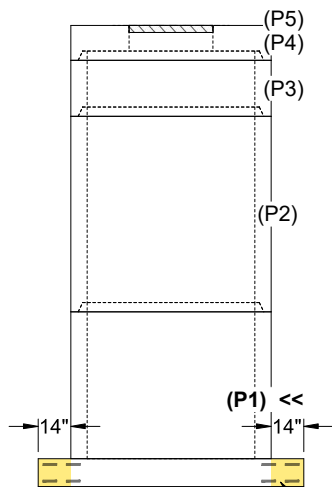
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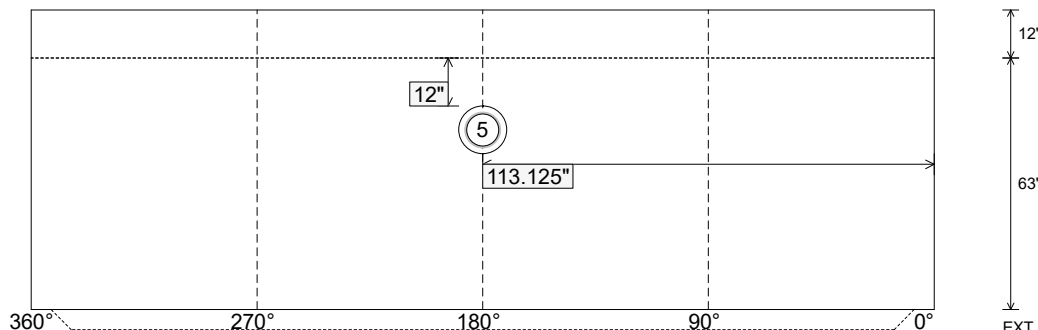
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Coating (Int): Carboline Bitumastic 300M
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 7"
 Floor Height: 12"

Height (Int): 63"
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Weight (Net): 19395 lb
 Volume (Net): 4.95cu.yd

Job Number:

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Job Name:

South US 27 Ph 2 Sewer Extension

Structure:

Wet Well

Note:

This Structure Is To Receive An
Internal Coating of Carboline 300M
(Supplied By iCast)

Job Number:

25-2054B

Job Name:

South US 27 Ph 2 Sewer Extension

Structure:

Wet Well

Note:

Each PSX 12M Direct Drive Boot Is
To Receive Double Pipe Bands
(Supplied By iCast) – Total Boot
Quantity: 2