

Job Name: 25-2541 - Wartrace Creek Interceptor
Job Location: Springfield, TN 37172
Contractor: Cumberland Pipeline LLC

PC: E. Bradley
TECH: C. Russ
Plant: Beaver Dam, KY



Structure ID: **SF-101**

Spec: Sanitary
Type: SAN.MH w/Xypex
Size: 48"

Rim: 599.06'
Invert: 590.38'
Rim to Invert: 8.68'

Sump: 2"
Floor (Top): 590.213'
Floor Height: 6"

Floor (Bot): 589.713'
Overall Height: 9.333'
Slack: 0.16"

Structure Notes:

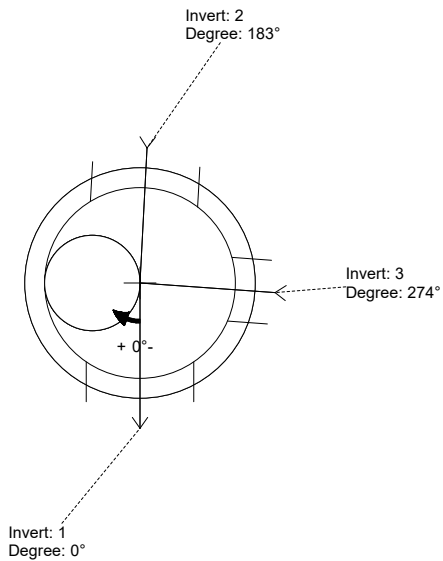
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. INVERT CHANNEL REQUIRED
5. XYPEX C-500 ADMIXTURE REQUIRED
6. NO STEPS
7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

STRUCTURE SUMMARY:

- P3) 24" - CASTING HEIGHT - 6"
P2) 48" - ECC XYPEX CONE w/ 24" HOLE-SPECIAL F/G - 36"
P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 64"
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ADMIXTURE XYPEX C-500 NF RED
1) CASTING - JBS 1155 F/C SANITARY
1) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) A-Lok - 0820
1) PSX - 16M NYLO

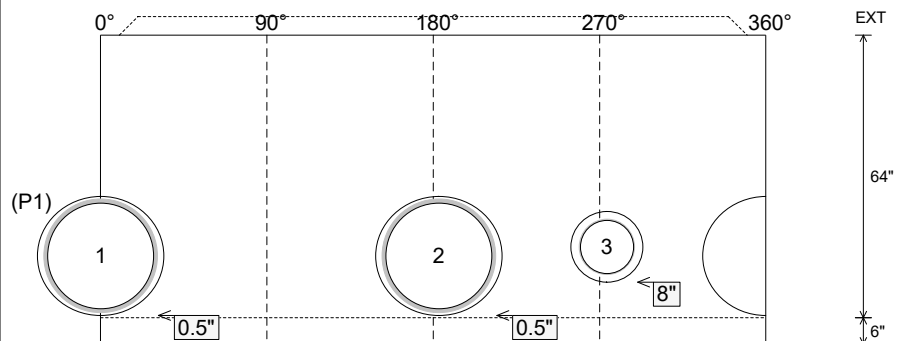
0 lb
2251 lb
5210 lb
1440 lb
0 lb
0 lb
0 lb
250 lb
0 lb
0 lb
2 lb
8 lb

Structure Total: 9162 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	599.06'							
Reducer								
Invert 1	590.38'	0°	24" DI	25.75"	27"	A-Lok 0820	0.5"	P1
Invert 2	590.38'	183°	24" DI	25.75"	27"	A-Lok 0820	0.5"	P1
Invert 3	591.05'	274°	12" PVC SDR35	12.5"	16"	PSX 16M NYLO	8"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
6/7/2026 10:52:11 AM

SUBMITTAL
APPROVED BY: