

Job Name: 25-4333 WTP Manholes
 Job Location: Clarksville, TN
 Contractor: Judy Construction Co.

Plant: Beaver Dam

Tech: S. Felletter

2/13/2026 10:38:35 AM

PC: E. Bradley



Structure ID: SSMH 9-4

P2 MH048RS48SCDARED

MH RISER w/DROP/ConBlock-CDA Red T/G

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P2) 48" - MH RISER w/DROP/ConBlock-CDA Red T/G - 48"
- P1) 48" - MH BASE w/DROP/FLG Cust. Ht. w/ConBlock-CDA Red T/n - 29"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) Conseal CS-102 1.00" (Single)
- 1) CASTING - JBS 1150 F/C SANITARY
- 2) 48" - Hamilton Kent MH Gasket
- 1) PSX - 12-08 NYLO
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC

0 lb
 1961 lb
 3329 lb
 5910 lb
 0 lb
 0 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 250 lb
 0 lb
 8 lb
 0 lb
 0 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING JBS 1150 F/C SANITARY PROVIDED BY ICAST.
 4. EXTERIOR DROP ASSEMBLY @ 180.

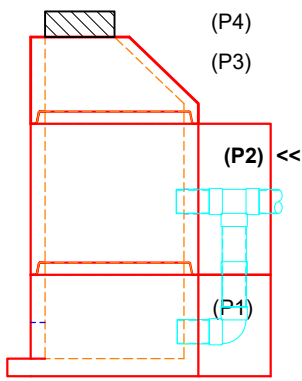
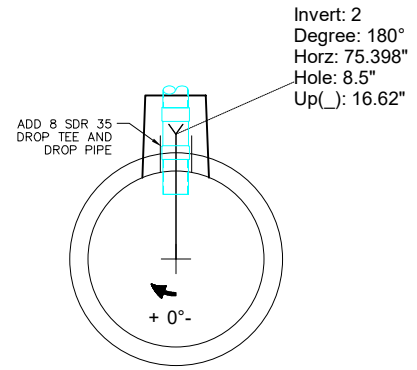
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 12899 lb

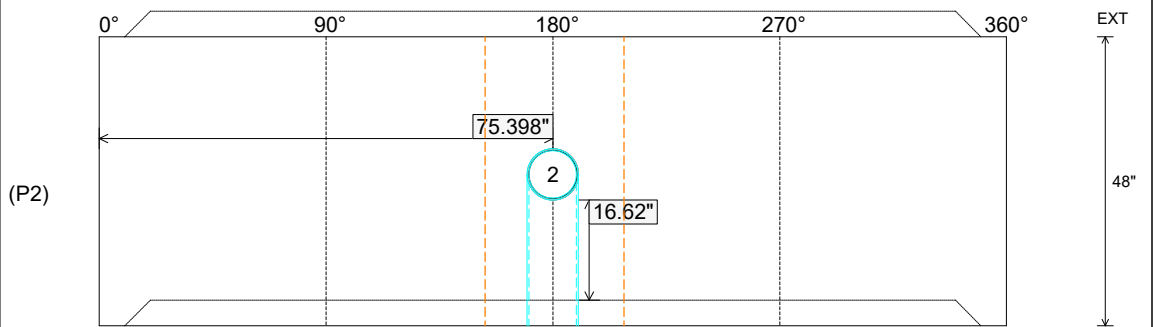
Rim: 490.32' Rim to Invert: 9.33' Slack: -0.04" Sump: 2" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1										
Invert 2	485'	180°	91.106"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.545"	16.62"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 48" Height (Ext): 48"	Weight (Net): 3329 lb Volume (Net): 0.85cu.yd
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