

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

Plant: Beaver Dam
 2/13/2026 10:38:37 AM

Tech: S. Felletter
 PC: E. Bradley



Structure ID: SSMH 9-5

P2 MH048RS60SCDARED

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 - 42"
- P2) 48" - MH RISER w/DROP/ConBlock-CDA Red T/G - 60"
- 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) Quik-Lok - QL-08-C
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC

0 lb
 3116 lb
 4168 lb
 5920 lb
 0 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 250 lb
 0 lb
 1 lb
 0 lb
 0 lb

 Structure Total: 14895 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 @ 130.

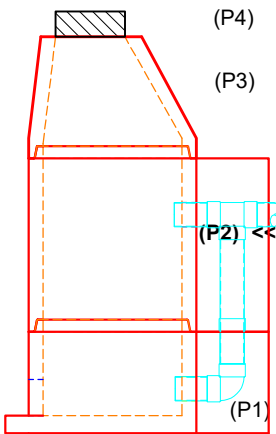
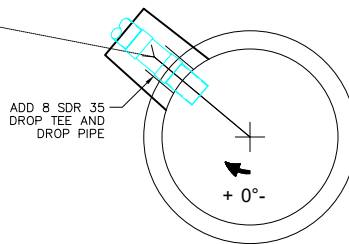
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 508.1' Rim to Invert: 11.4' Slack: 0.8" Sump: 2" Step Position:

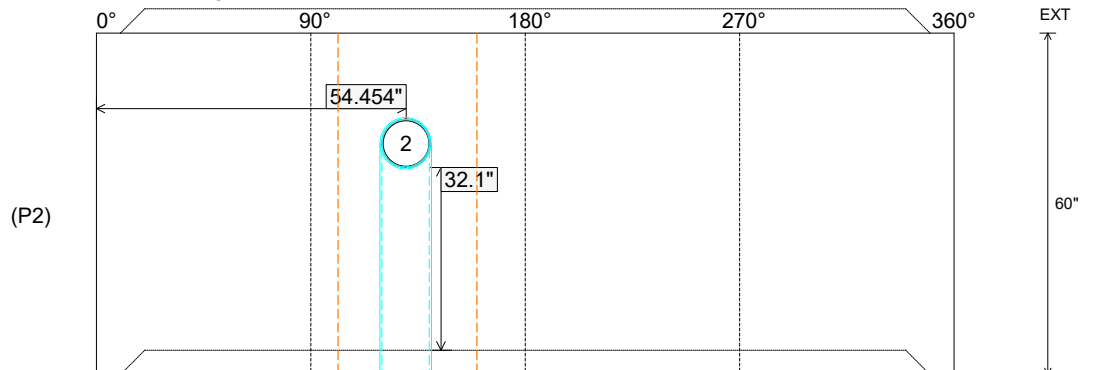
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1										
Invert 2	502'	130°	65.799"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.545"	32.1"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
 Degree: 130°
 Horz: 54.454"
 Hole: 8.5"
 Up(↓): 32.1"



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

Height (Int): 60"
 Height (Ext): 60"

Weight (Net): 4168 lb
 Volume (Net): 1.06cu.yd