

Job Name: 26-2478 - Marcelina Site Improvements (Storm) Job Location: Clarksville, TN 37043 Contractor: Core & Main LP					Plant: Beaver Dam, KY 10/8/2026 8:24:49 AM		Tech: J. Coppage PC: T. Lewis					
Structure ID: T1 ST-CI												
P1 MH072BA60			MH BASE									
P3) 24" x 34" - CASTING HEIGHT - 6.5" P2) 72" - MH FLAT TOP w/24"x34" Hole - 10" P1) 72" - MH BASE - 60" 1) 72" - Conseal CS-102 1.00" 1) 24" x 34" - Conseal CS-102 1.00" 2) Hole - 44 1) DOGHOUSE INVRTD - 24"x25" 1) Hole - 24 5) MH Step ML-10-TDS-NCR - 10"						0 lb 4190 lb 10151 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 14340 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60) - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60) - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W. 4. NO INVERT CHANNEL 5. STEPS AT 70 DEGREES 6. 6.5" CASTING SUPPLIED BY OTHERS 7. INVERT 4 OFFSET 8" TO AVOID OVERLAP WITH INVERT 1				
Rim: 513.8'		Rim to Invert: 6.31'		Slack: 2.07"		Sump: 2.85"		Step Position: 70°				
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector		Hole	Horz Size	Up ()	Offset	
Invert 1	507.49'	0°	0"	36" HDPE	41.7"	Hole 44		44"	47.337"	0"	0"	
Invert 2	510.3'	133°	99.815"	18" HDPE	21.2"	DOGHOUSE INVRTD 24"x25"		24" x 25"	24.468"	34.97"	0"	
Invert 3	507.49'	222°	166.609"	36" HDPE	41.7"	Hole 44		44"	47.337"	0"	0"	
Invert 4	507.49'	310°	224.606"	18" HDPE	21.2"	Hole 24		24"	25.213"	1.25"	-8"	
Invert 5												
Invert 6												
Invert 7												
Invert 8												

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 7" Floor Height: 8"	Height (Int): 60" Height (Ext): 68"	Weight (Net): 10151 lb Volume (Net): 2.59cu.yd
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