

Job Name: 25-2647 Nichols West Job Location: Gallatin, TN Contractor: Hayes Pipe Supply					Plant: Beaver Dam		Tech: J. Coppage		
					10/1/2026 10:33:09 AM		PC: E. Bradley		

Structure ID: D7
P1 MH048BAVF

MH BASE Custom Ht

P3) 30" x 30" - CASTING HEIGHT - 6"

P2) 48" - MH FLAT TOP SPEC. HT. (6") w/30"x30" Hole - 6"

P1) 48" - MH BASE Custom Ht - 32"

1) 48" - Conseal CS-102 1.00"

1) 30" x 30" - Conseal CS-102 1.00"

1) DOGHOUSE INVRTD - 34"x31"

1) DOGHOUSE INVRTD - 34"x30"

1) Hole - 22

2) MH Step ML-10-TDS-NCR - 10"

0 lb

877 lb

2526 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 3404 lb

Structure Notes:
 1. (JBS 4310 F/G PROVIDED BY OTHERS)
 2. PER ASTM C478 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 525.8'
Rim to Invert: 3.4'
Slack: -0.2"
Sump: 3"
Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	522.4'	0°	0"	24" RCP B WALL	30"	DOGHOUSE INVRTD 34"x31"	34" x 31"	37.782"	0"	0"
Invert 2	522.5'	180°	91.106"	24" RCP B WALL	30"	DOGHOUSE INVRTD 34"x30"	34" x 30"	37.782"	1.2"	0"
Invert 3	522.5'	260°	131.598"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	1.95"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

(P3)

(P2)

(P1) <<

INSIDE WALL DIMENSIONS

Coating (Int):	Seam Up: Flat	Wall Thickness: 5"	Height (Int): 32"	Weight (Net): 2526 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 38"	Volume (Net): 0.64cu.yd