

Job Name: 26-2212 - CDTI Building 1
 Job Location: Charlestown, IN
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: Beaver Dam

Tech: J. Coppage

8/18/2026 12:38:32 PM

PC: E. Bradley



Structure ID: 110 ST-MH

P1 MH072BAVF

MH BASE Custom Ht

- P6) 24" x 36" - CASTING HEIGHT - 6"
 P5) 48" - MH FLAT TOP w/24"x36" Hole - 12"
 P4) 48" - MH RISER - 18"
 P3) 48" - MH RISER - 48"
 P2) 72" - MH Transition Slab 48" Hole - 15"
 P1) 72" - MH BASE Custom Ht - 72"
 1) 72" - Con seal CS-102 1.00"
 3) 48" - Con seal CS-102 1.00"
 1) 24" x 36" - Con seal CS-102 1.00"
 2) Hole - 52
 13) MH Step ML-10-TDS-NCR - 10"

0 lb
 1300 lb
 1257 lb
 3353 lb
 3864 lb
 11662 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 21437 lb

Structure Total:

Structure Notes:

- **INDOT STATE PROJECT**
 1. (GREEN HAT CI3158-F PROVIDED BY OTHERS)
 2. INDOT MH TYPE K / ASTM C478 SPEC'S.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. NO INVERT CHANNEL.
 5. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Rim: 607.91' Rim to Invert: 14.48' Slack: 5.91" Sump: 3.15" Step Position: 249°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	593.43'	0°	0"	42" HDPE	47.7"	Hole 52	52"	58.105"	0"	0"
Invert 2	593.53'	138°	103.568"	42" HDPE	47.7"	Hole 52	52"	58.105"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
 Degree: 138°
 Horz: 86.708"
 Hole: 52"
 Up(): 1.2"

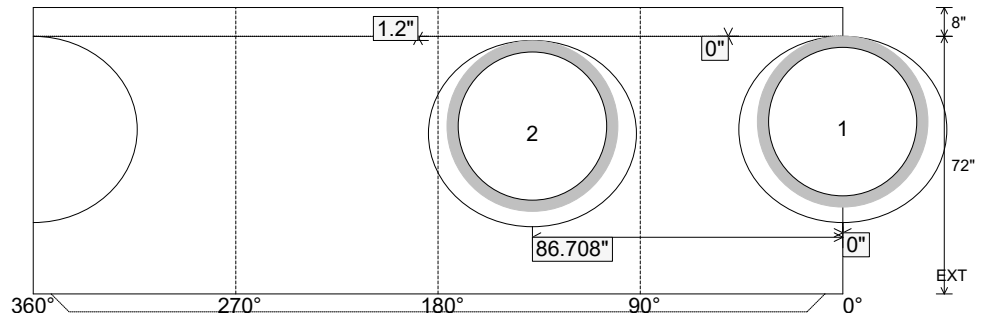
Step: 249°
 Horz: 156.451"

Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 52"
 Up(): 0"

Step: 249°
 Horz: 156.451"

Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 52"
 Up(): 0"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 7"
 Floor Height: 8"

Height (Int): 72"
 Height (Ext): 80"

Weight (Net): 11662 lb
 Volume (Net): 2.98cu.yd