

Job Name: 26-2212 - CDTI Building 1

Job Location: Charlestown, IN

Contractor: Dan Cristiani Excavating Co. Inc.

Plant: Beaver Dam

8/18/2026 12:42:53 PM

Tech: J. Coppage

PC: E. Bradley



Structure ID: 110 ST-MH

P3MH048RS48

MH RISER

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" - Conseal CS-102 1.00"

3) 48" - Conseal CS-102 1.00"

1) 24" x 36" - Conseal 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

Structure Total: 21437 lb

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										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P6)

(P5)

(P4)

(P3) <<

(P2)

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Step: 249°

Horz: 104.301"

+ 0°-

INSIDE WALL DIMENSIONS

0°90°180°270°360°

(P3)

EXT

48"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 48"

Height (Ext): 48"

Weight (Net): 3353 lb

Volume (Net): 0.86cu.yd