

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

Plant: Beaver Dam
8/19/2026 8:41:16 AM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 218 ST-MH

P4 MH048RS30

MH RISER

- P7) 24" x 36" - CASTING HEIGHT - 6"
P6) 24" x 36" - GRADE RING - 4"
P5) 48" - MH FLAT TOP w/24"x36" Hole - 12"
P4) 48" - MH RISER - 30"
P3) 48" - MH RISER - 48"
P2) 108" - MH Transition Slab 48" Hole - 18"
P1) 108" - MH BASE Custom Ht - 96"
1) 108" - Conseal CS-102 1.00"
3) 48" - Conseal CS-102 1.00"
2) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 70
1) Hole - 56

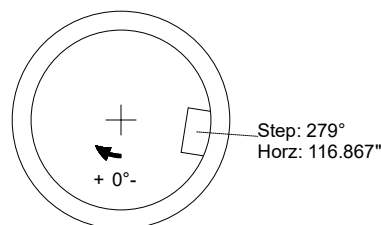
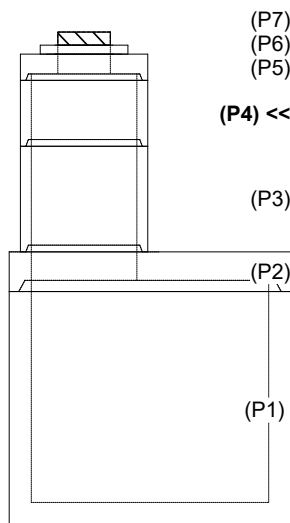
- 0 lb
408 lb
1300 lb
2096 lb
3353 lb
12782 lb
33734 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
- Structure Notes: .
INDOT STATE PROJECT
1. (GREEN HAT CI3158-F PROVIDED BY OTHERS)
2. INDOT MH TYPE M / ASTM C478 SPEC'S.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. CASTING BY ICAST.
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB = H20 LOADING.
- RISER/WALLS (As .30)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Structure Total: 53673 lb

Rim: 604.59' Rim to Invert: 17.58' Slack: 0.36" Sump: 3.4" Step Position: 279°

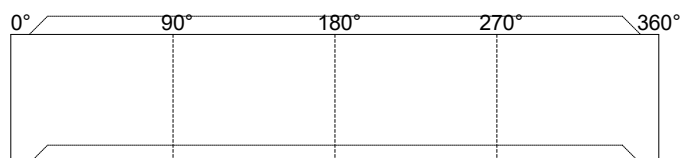
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

(P4)



EXT
30"

Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

Height (Int): 30"
Height (Ext): 30"

Weight (Net): 2096 lb
Volume (Net): 0.54cu.yd