

Job Name: 26-1227 - Project Colt
 Job Location: Evansville, IN
 Contractor: Russell's Excavating

Plant: 100
 5/12/2026 11:31:18 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 102-12 MHJ

P3 MH048RS72S

MH RISER T/G

- P5) 24" - CASTING HEIGHT - 8"
- P4) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P3) 48" - MH RISER T/G - 72"
- P2) 60" - MH Transition Slab 48" Hole T/G - 15"
- P1) 60" - MH BASE T/h - 66"
- 1) HOE R-3472 INDOT Type 2 Frame & Grate
- 1) 60" - Conseal CS-102 1.00"
- 2) 48" - Conseal CS-102 1.00"
- 2) Hole - 44
- 2) Hole - 6
- 11) MH Step ML-10-TDS-NCR - 10"

0 lb
 1561 lb
 5006 lb
 2204 lb
 7940 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 16961 lb

Structure Total: 16961 lb

Structure Notes:

1. INDOT MH TYPE J / ASTM C478 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE R-3472 INDOT TYPE 2 FRAME & GRATE).

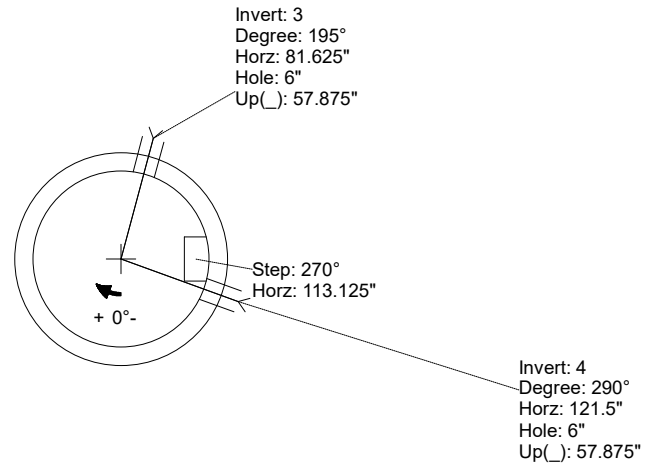
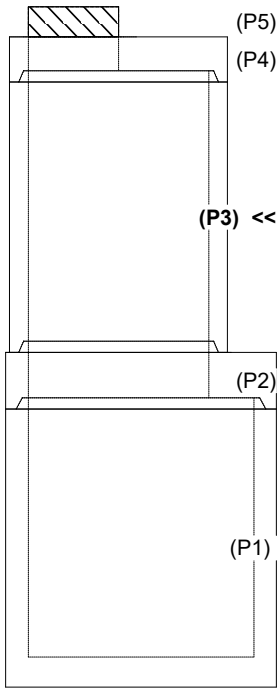
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .18)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

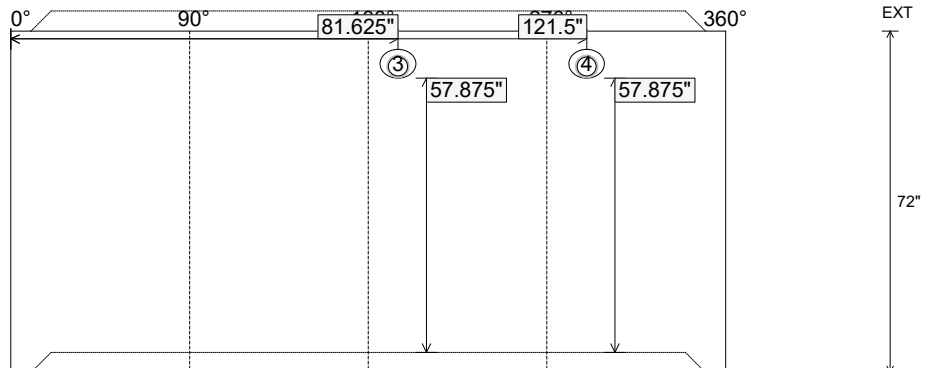
Rim: 393.02' Rim to Invert: 14.22' Slack: 0.515" Sump: 2.875" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	390.52'	195°	98.75"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	57.875"	0"
Invert 4	390.52'	290°	146.75"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	57.875"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

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

Weight (Net): 5006 lb
 Volume (Net): 1.28cu.yd