

Job Name: 25-4272 Chestnut Street Utility Rehab  
 Job Location: Evansville, IN  
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam

Tech: J. Coppage

10/23/2025 2:34:21 PM

PC: A. Chambers



**Structure ID: 101**

**P4 MH048CN30**

**ECC CONE w/ 24" HOLE**

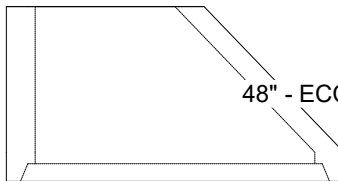
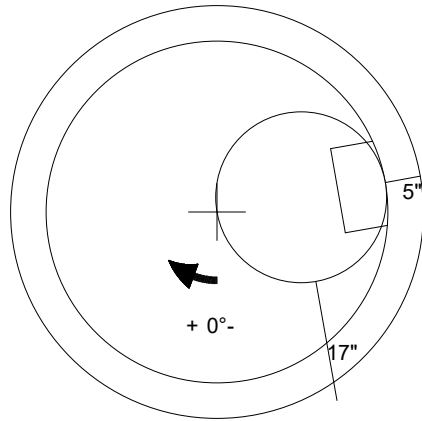
- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - ECC CONE w/ 24" HOLE - 30"
- P3) 48" - MH RISER - 48"
- P2) 60" - MH Transition Slab 48" Hole - 13"
- P1) 60" - MH BASE - 60"
- 1) 60" - Conseal CS-202 1.00"
- 2) 48" - Conseal CS-202 1.00"
- 2) Hole - 40
- 1) Hole - 20
- 12) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 2050 lb
- 3218 lb
- 1928 lb
- 7633 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 
- 14829 lb

Structure Total:

Structure Notes:

1. JR HOE MCB-315-BH PROVIDED BY ICAST.
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 .18)  
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
5. VERIFY THE PIPE SIZE AND TYPE OF THE SW INLET PIPE. 12" RCP IS ASSUMED.



48" - ECC CONE w/ 24" HOLE - 30" - (P4)

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 2050 lb  
 Volume (Net): 0.41cu.yd