

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

Plant: Beaver Dam

Tech: J. Coppage

1/14/2026 11:58:54 AM

PC: A. Chambers



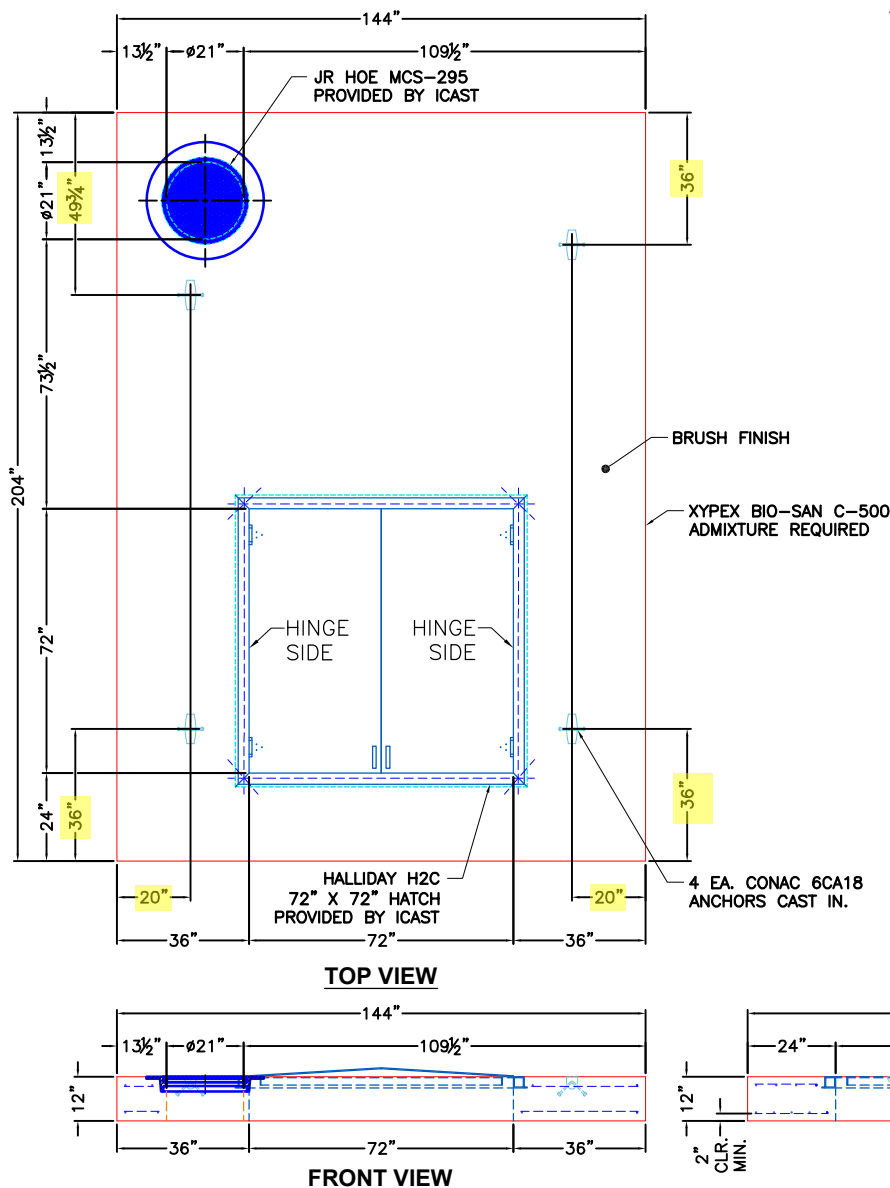
**Structure ID: 1014FullHT**

**P5 CVTS-BS**

**BX FLAT LID 12inW CUSTOM w/ Xypex Bio-San C-500**

P6) 72" x 72" - HATCH (CAST FLUSH) - 3"	100 lb
P5) 120" x 180" - BX FLAT LID 12inW CUSTOM w/ Xypex Bio-San C-500 - 12"	24360 lb
P4) 120" x 180" - BOX RISER 12inW, Variable Ht w/ Xypex Bio-San C-500 - 63"	41107 lb
P3) 120" x 180" - BOX RISER 12inW, Variable Ht w/ Xypex Bio-San C-500 - 82"	53505 lb
P2) 120" x 180" - BOX RISER 12inW, Variable Ht w/ Xypex Bio-San C-500 - 82"	53505 lb
P1) 120" x 180" - BOX BASE 12inW, 12inF, Variable Ht w/ Xypex Bio-San C-500 - 70"	69561 lb
1) This Structure Includes a Cast-in Item	0 lb
1) HATCH (Alum.) - HALLIDAY H2C 72"x72"	235 lb
1) CASTING - HOE MCS-295 F/C	123 lb
4) 120" x 180" - Conseal CS-102 1.00"	0 lb
1) 72" x 72" - Conseal CS-102 1.00"	0 lb
2) Hole - 60	0 lb
<b>Structure Total:</b>	<b>242496 lb</b>

- Structure Notes:**
- PER ASTM C913 SPECIFICATIONS.
  - CONCRETE = 4,500 PSI AT 28 DAYS.
  - HALLIDAY 72" X 72" H2C HATCH BY ICAST.
  - HATCH TO BE CAST INTO THE TOP SLAB.
  - (RWS3000S STOP LOG PROVIDED BY OTHERS.)
- TOP SLAB - #6 @ 6" O.C. E.W. TOP & BTM MAT.  
 WALLS/FLOOR - #6 @8" O.C. E.W. DBL MAT.  
 ADDITIONAL REINFORCEMENT IN CORNERS AND AROUND OPENINGS.



**GENERAL NOTES:**

- MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- CONCRETE: 4,500 PSI AT 28 DAYS.
- XYPEX BIO-SAN C500 ADMIXTURE REQUIRED.
- REINFORCING: #6 BAR @ 6" O.C. E.W. TOP AND BOTTOM MAT. ADDITIONAL REINFORCEMENT AROUND THE HATCH AND CASTING.
- PER ASTM A615 (GRADE 60).
- WEIGHT: 24,360 LBS.
- HALLIDAY H2C 72" X 72" HATCH PROVIDED BY ICAST.
- JR HOE MCS-295 PROVIDED BY ICAST.
- HATCH AND CASTING TO BE CAST IN TOP SLAB.

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 12"	Height (Ext): 12"	Weight (Net): 24360 lb Volume (Net): 6.22cu.yd
----------------------------------	--------------------------------	---------------------	-------------------	---