

Job Name: 26-3166 Rolling Hills PRETX
Job Location: Franklin, TN
Contractor: Convergent Water Technologies

Plant: Beaver Dam

Tech: J. Coppage

8/7/2026 8:45:13 AM

PC: C. Goff



Structure ID: FB1 ST-DBI

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P3) 24" - CASTING HEIGHT - 0"
P2) 48" x 48" - BX FLAT LID 8inW SPEC. W/ MCS-288 - 6"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 38"
1) CASTING - HOE MCS-288 F/C Cast-IN
1) SECONDARY POUR - WEIR WALL - *
1) 48" x 48" - Conseal CS-102 1.00"
1) SQ. Hole - 48"x19.75"
1) DOGHOUSE INVRTD - 22"x23.25"

Structure Total:

- 0 lb
1829 lb
7680 lb
125 lb
387 lb
0 lb
0 lb
0 lb
10020 lb
- Structure Notes:**
1. JR HOE MCS-288 F/C BY ICAST.
2. FRAME TO BE CAST INTO THE TOP SLAB.
3. PER ASTM C913 SPEC'S.
4. CONCRETE = 4,000 PSI AT 28 DAYS.
5. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .40) #4 BARS AT 6" C.C.E.W.
- WALLS (As .40) #4 BARS AT 6" C.C.E.W.
- FLOOR (As .40) #4 BARS AT 6" C.C.E.W..
6. (TRASH SCREEN SUPPLIED & INSTALLED BY OTHERS)

Rim: 713.77' Rim to Invert: 2.15' Slack: 0.28" Sump: 18.48" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	711.62'	270°	32"	48" x 19.75" SQ. Hole	48" x 19.75"	SQ. Hole 48"x19.75"	48" x 19.75"	48"	18.48"	0"
Invert 2	711.62'	90°	32"	15" RCP B WALL	19.5"	DOGHOUSE INVRTD 22"x23.25"	22" x 23.25"	22"	14.355"	0"

UPSIDE DOWN VIEW

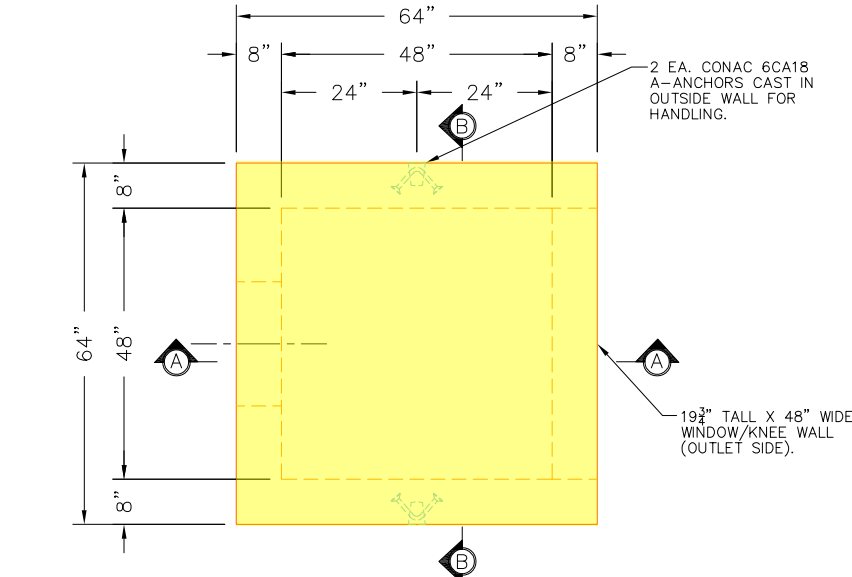
FIRST POUR DRAWING

WEIGHTS

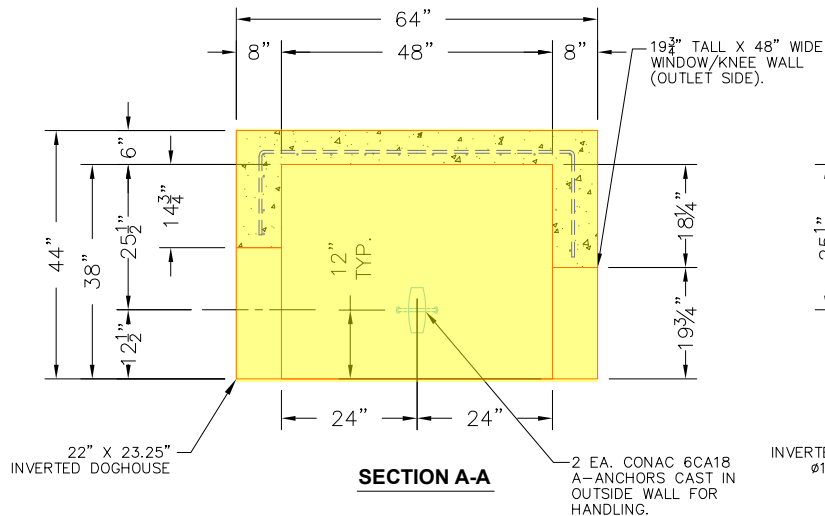
FIRST POUR - 7,670 LBS

SECOND POUR - 387 LBS

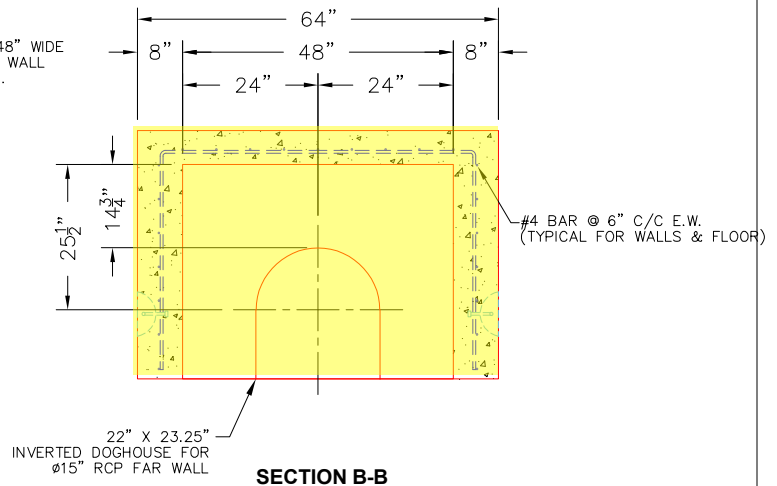
TOTAL - 8,057 LBS



PLAN VIEW



SECTION A-A



SECTION B-B

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 38"
Height (Ext): 46"

Weight (Net): 7680 lb
Volume (Net): 1.96cu.yd

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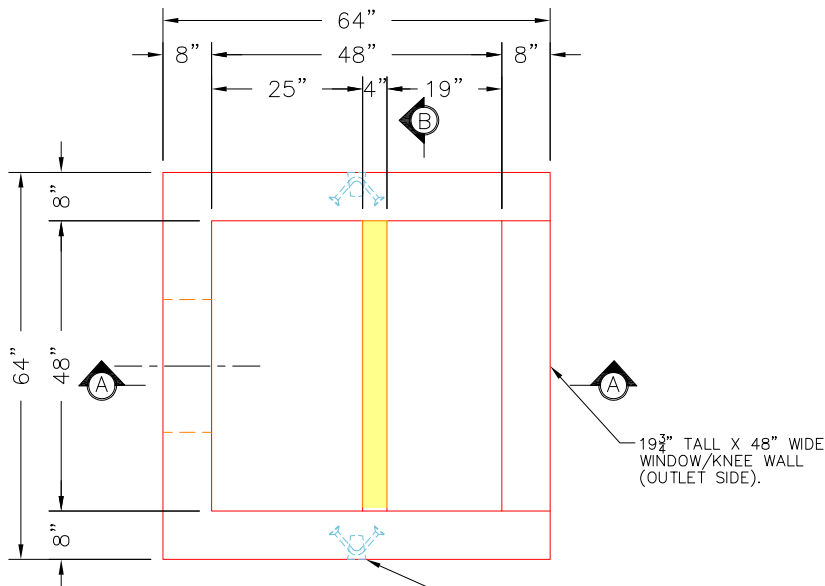
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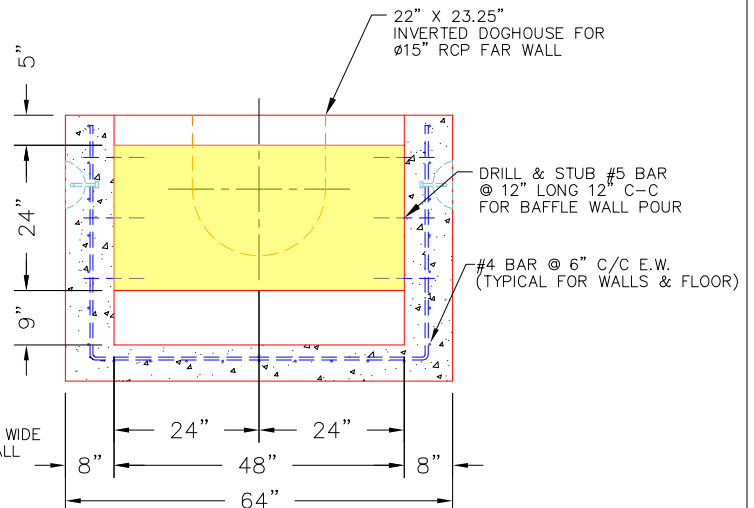
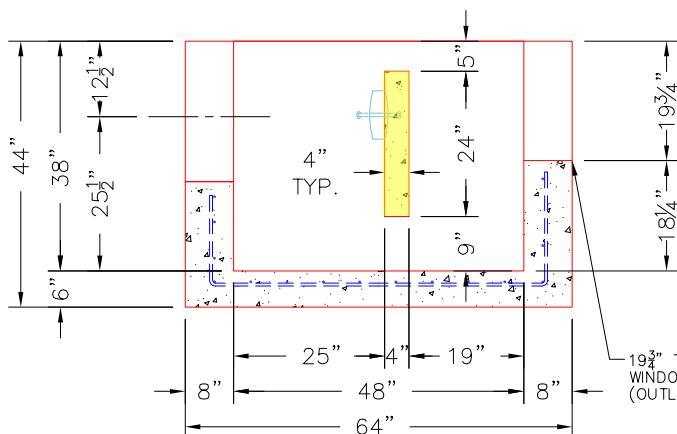
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