

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

Plant: Beaver Dam
8/7/2026 8:45:16 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: FB2 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
1834 lb
7670 lb
125 lb
387 lb
0 lb
0 lb
0 lb
10017 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: 713.75' Rim to Invert: 2.15' Slack: 0.04" Sump: 18.24" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	711.6'	270°	32"	48" x 19.75" SQ. Hole	48" x 19.75"	SQ. Hole 48"x19.75"	48" x 19.75"	48"	18.24"	0"
Invert 2	711.6'	90°	32"	15" RCP B WALL	19.5"	DOGHOUSE INVRTD 22"x23.25"	22" x 23.25"	22"	14.115"	0"

UPSIDE DOWN VIEW

FIRST POUR DRAWING

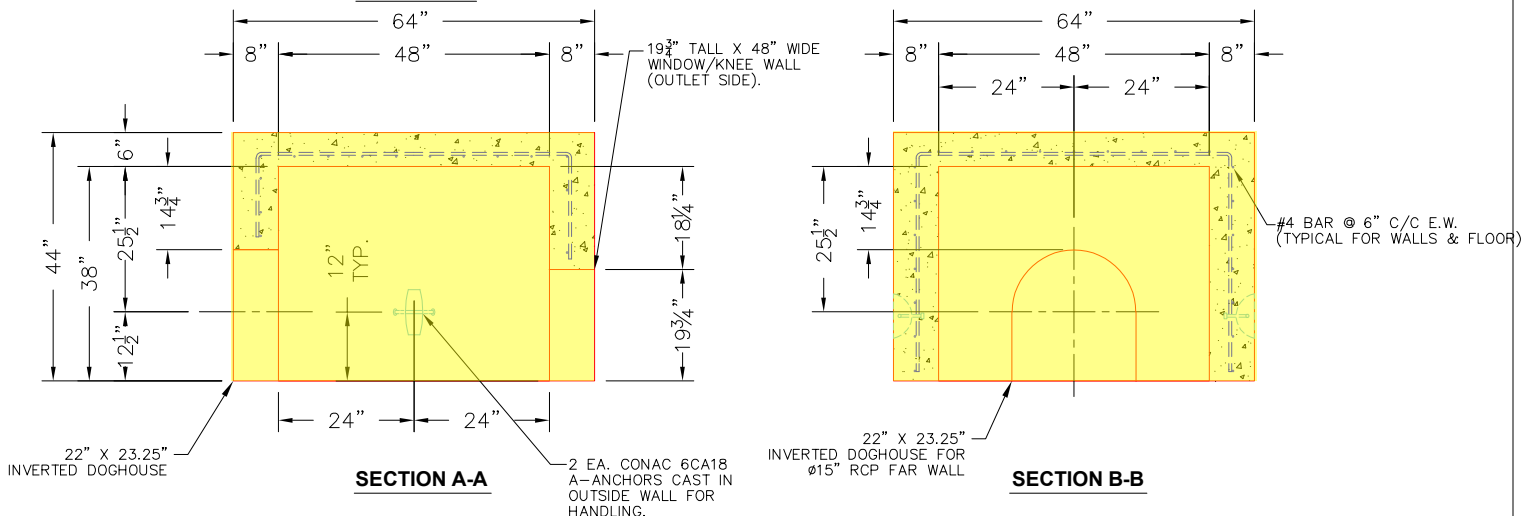
WEIGHTS

FIRST POUR - 7,670 LBS

SECOND POUR - 387 LBS

TOTAL - 8,057 LBS

PLAN VIEW



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): 7670 lb
Volume (Net): 1.96cu.yd

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

Plant: Beaver Dam

8/7/2026 8:45:16 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: FB2 ST-DBI

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

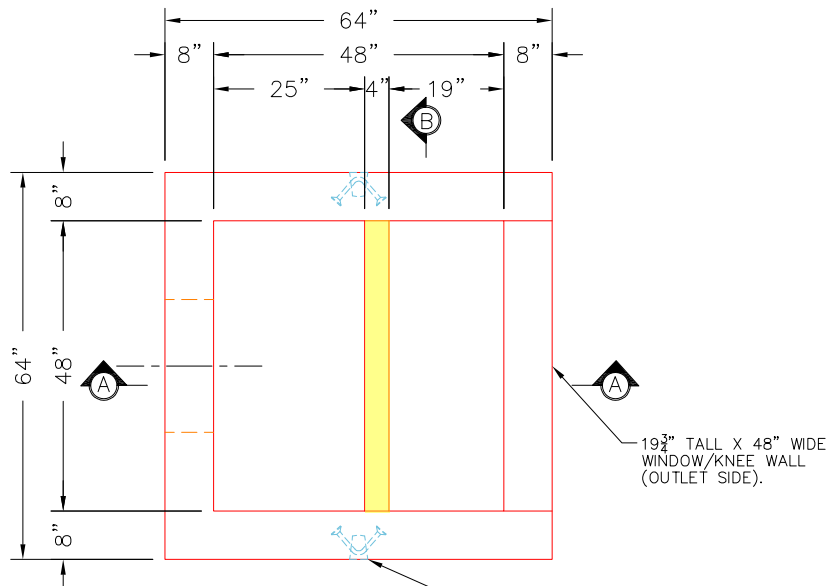
- P3) 24" - CASTING HEIGHT - 0"
P2) 48" x 48" - BX FLAT LID 8inW SPEC. W/ MCS-288 - 6"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 38"
1) CASTING - HOE MCS-288 F/C Cast-IN
1) SECONDARY POUR - WEIR WALL - *
1) 48" x 48" - Conseal CS-102 1.00"
1) SQ. Hole - 48"x19.75"
1) DOGHOUSE INVRTD - 22"x23.25"

Structure Total:

- 0 lb
1834 lb
7670 lb
125 lb
387 lb
0 lb
0 lb
0 lb
10017 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: 713.75' Rim to Invert: 2.15' Slack: 0.04" Sump: 18.24" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	711.6'	270°	32"	48" x 19.75" SQ. Hole	48" x 19.75"	SQ. Hole 48"x19.75"	48" x 19.75"	48"	18.24"	0"
Invert 2	711.6'	90°	32"	15" RCP B WALL	19.5"	DOGHOUSE INVRTD 22"x23.25"	22" x 23.25"	22"	14.115"	0"



RIGHT SIDE UP VIEW

SECOND POUR DRAWING

WEIGHTS

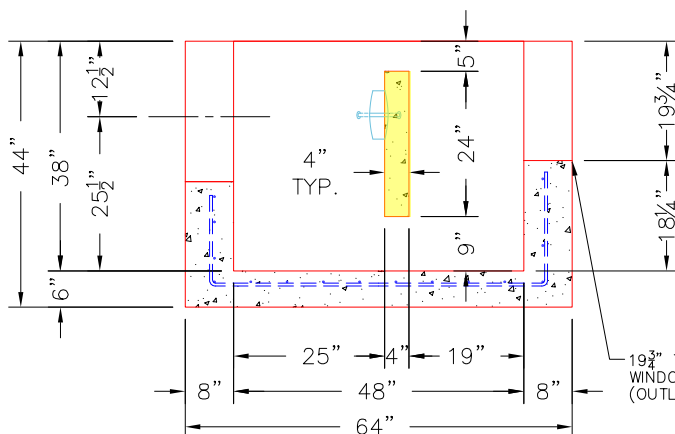
FIRST POUR - 7,670 LBS

SECOND POUR - 387 LBS

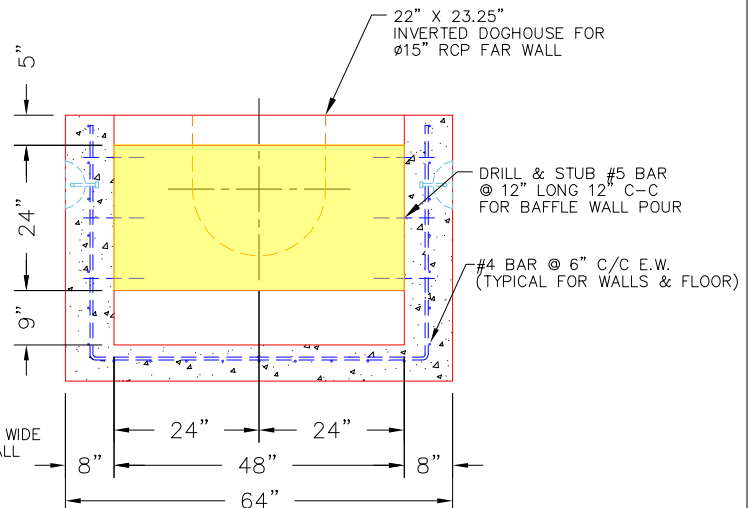
TOTAL - 8,057 LBS

PLAN VIEW

2 EA. CONAC 6CA18
A-ANCHORS CAST IN
OUTSIDE WALL FOR
HANDLING.



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): 7670 lb
Volume (Net): 1.96cu.yd