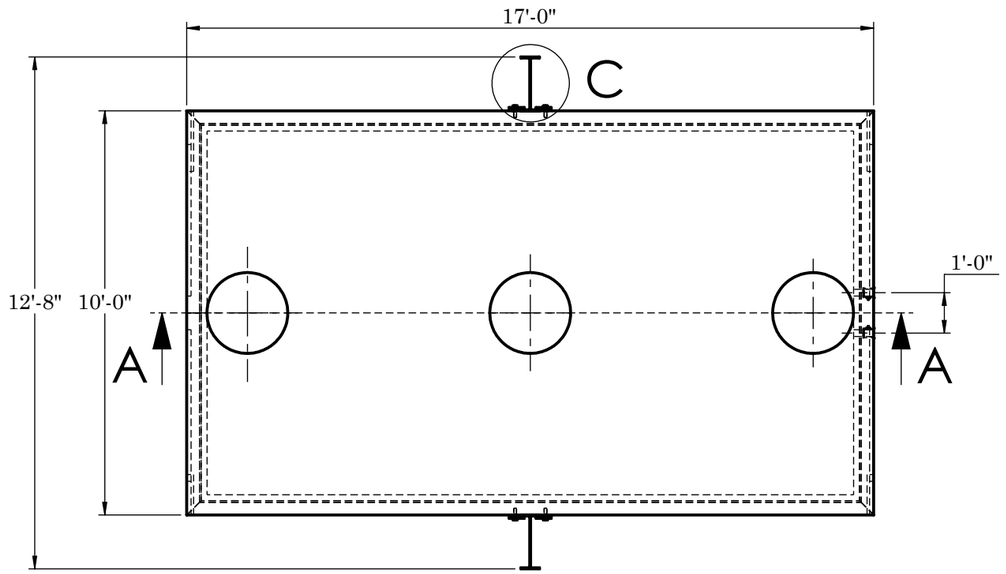
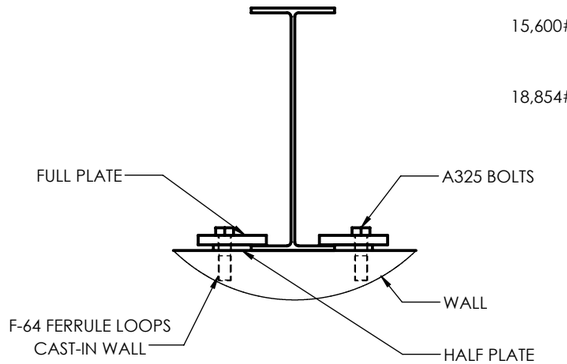
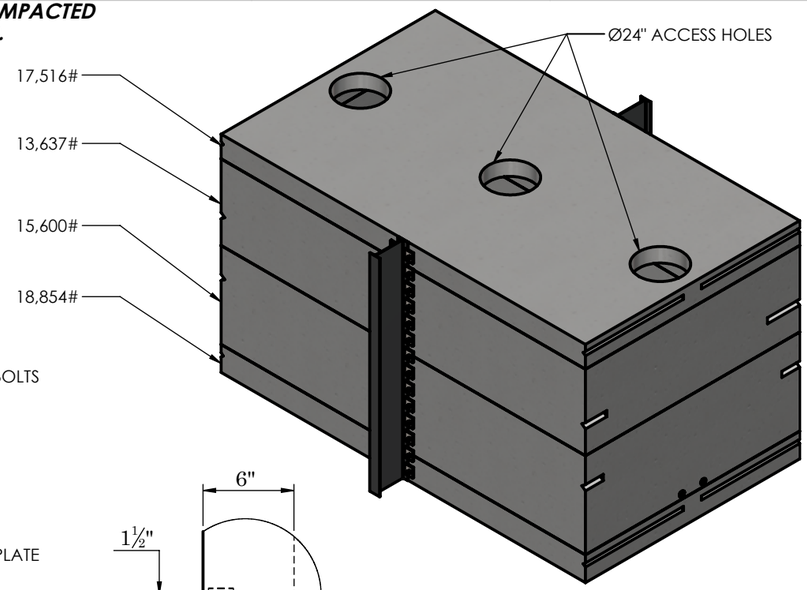
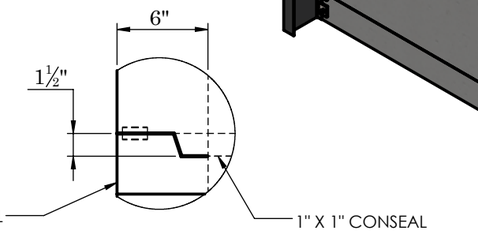
**WARRANTY: ALL TANKS MUST BE BACKFILLED AND COMPACTED PRIOR TO FILLING OR WARRANTY IS VOID.**

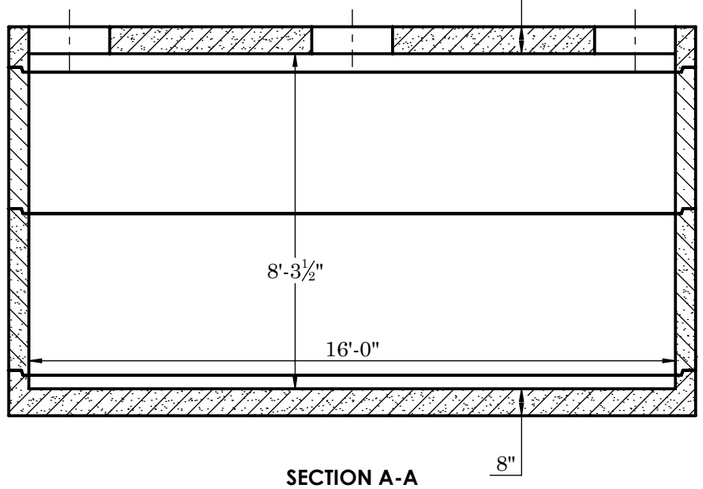


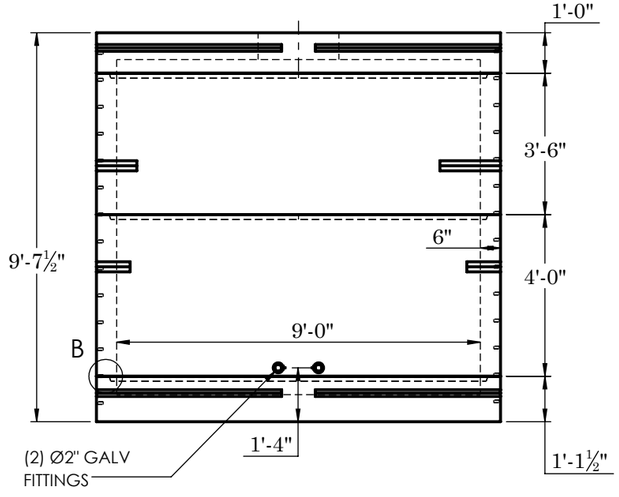

**W16x26 STL BEAM**
**DETAIL C**




**SECTION A-A**




**SHIPLAP JOINT DETAIL B**

**CONCRETE:**
TANK CONSTRUCTION UTILIZES 6000 PSI CONCRETE AND GRADE 60 REBAR

**GALLON CALCULATIONS:**
9'-0"W x 16'-0"L x 8'-3"H x 7.48 = 8,886 GAL

**NON-TRAFFIC RISERS:**
PVC: 24"Ø & FIB. COVER (TO GRADE)
CONCRETE: 24"Ø x 8" OR 12" (6" BELOW GRADE)

**TRAFFIC RISERS/COVERS:**
24"Ø GRADE RINGS (2",3",4",5",6",13")
4" x 24"Ø CAST-IRON GASKETED BOLT-DOWN

**UPLIFT RINGS:**
BURY DEPTH WITH WATER AT GRADE ~ 4'
BURY DEPTH WITH WATER AT TOP OF TANK ~ 2'

**BEDDING:**
4" PEA GRAVEL OR COMPACTED CRUSHED GRAVEL (NO WATER PRESENT)

**EXCAVATION:**
12" LARGER EACH WAY THAN TANK DIMENSION

**BURY:**
MAXIMUM BURY DEPTH 5'-0"

**NOTES:**
1. 1077 GALLONS/VERTICAL FOOT CAPACITY
2. ON-SITE CRANE SUPPLIED BY CONTRACTOR (20,000# PICK TO CENTER OF EXCAVATION)
3. WIDE FLANGE INSTALLED BY CONTRACTOR.
4. PLATE & BOLT SPACING @ EVERY 8".

## NOTES:

REINFORCEMENT:
WALLS:
-#6 @ 6" O.C. HORIZONTAL
-#4 @ 10" O.C. VERTICAL
TOP & BOTTOM
-#6 @ 6" O.C. SHORT DIRECTION
#5 @ 12" O.C. LONG DIRECTION, (2) #5 BAR
LONG SIDE OF ACCESS, (2) #6 BAR SHORT SIDE


**2215 E. BROOKLYN AVE**
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**(509) 325-4573 FAX (509) 325-5098**
**SPOKANE - LEWISTON - YAKIMA**
**www.wilbertprecast.com**


DRAWN BY: TH

**TITLE:** 8500 GALLON SINGLE COMPARTMENT WATER TANK TRAFFIC BEARING

| SIZE | DWG. NO. | SCALE: | DATE: |
|---|---|---|---|
| B | 916-7W | NTS | 7/11/2025 |