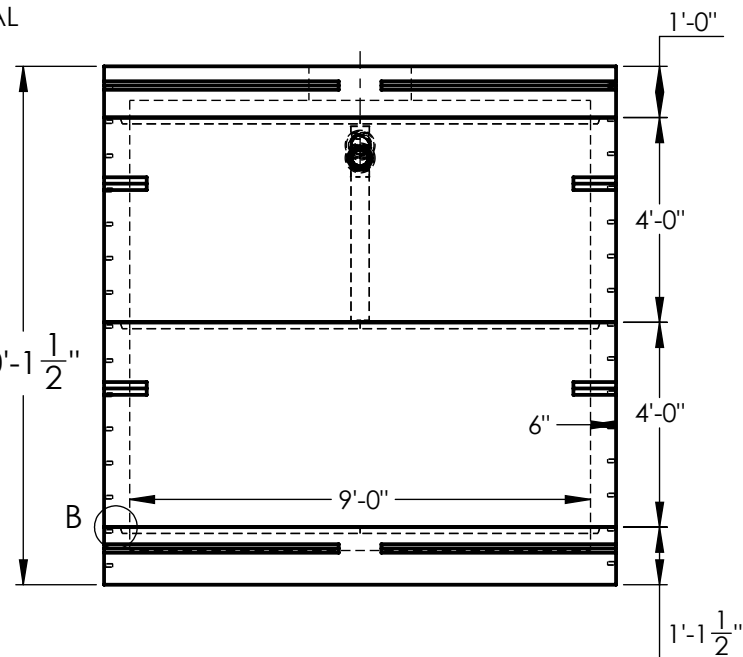
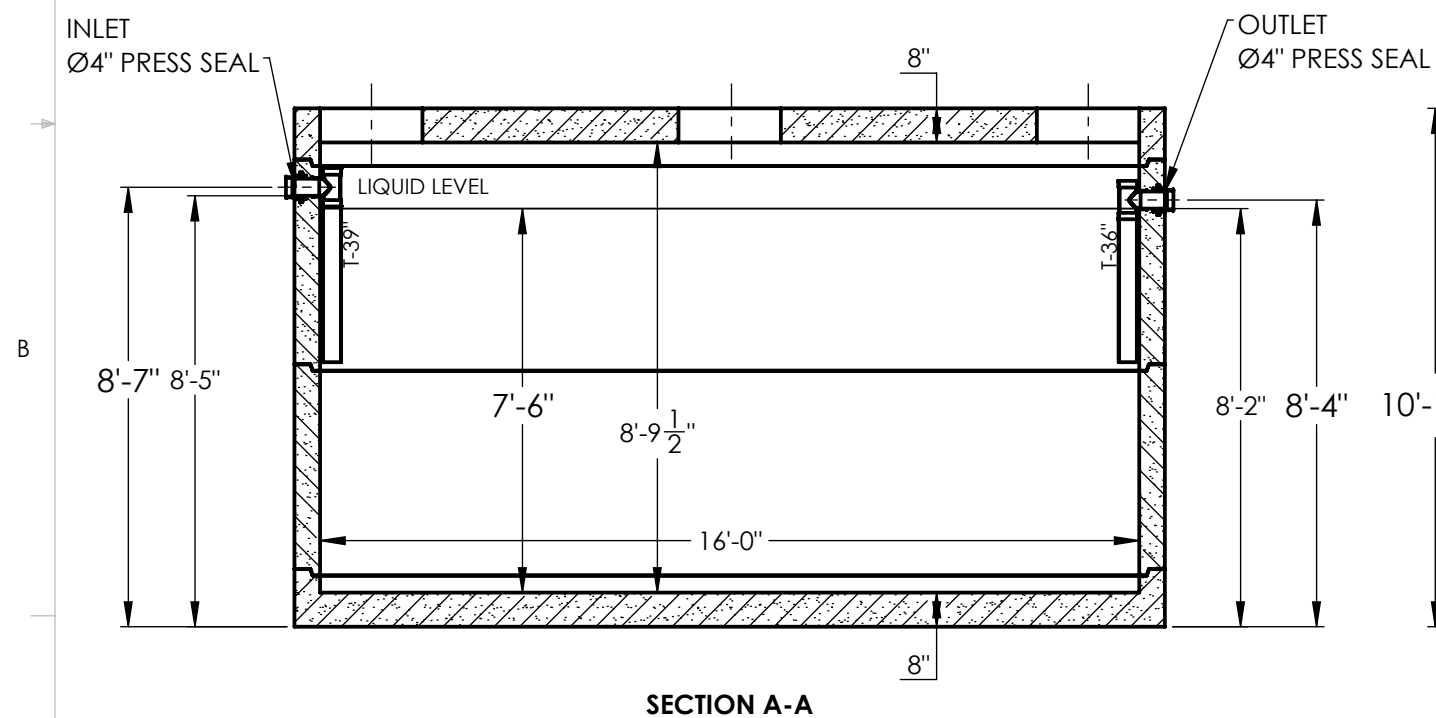
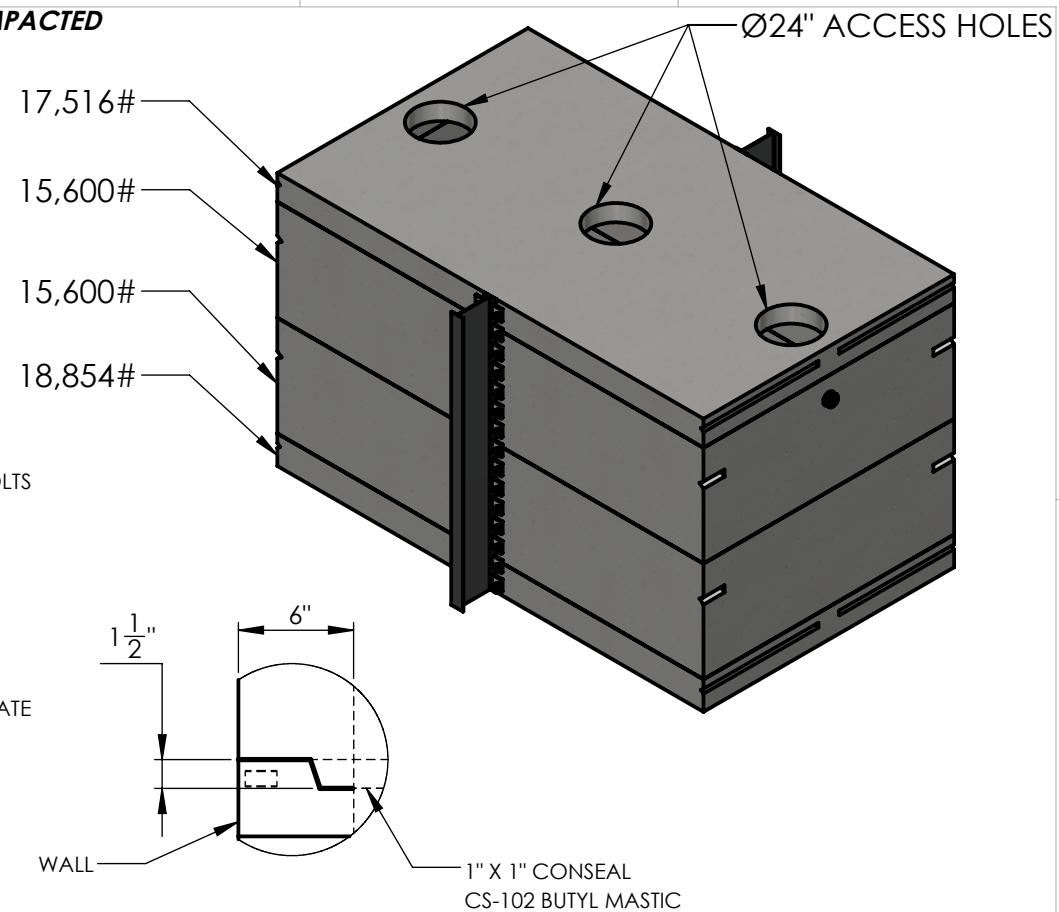
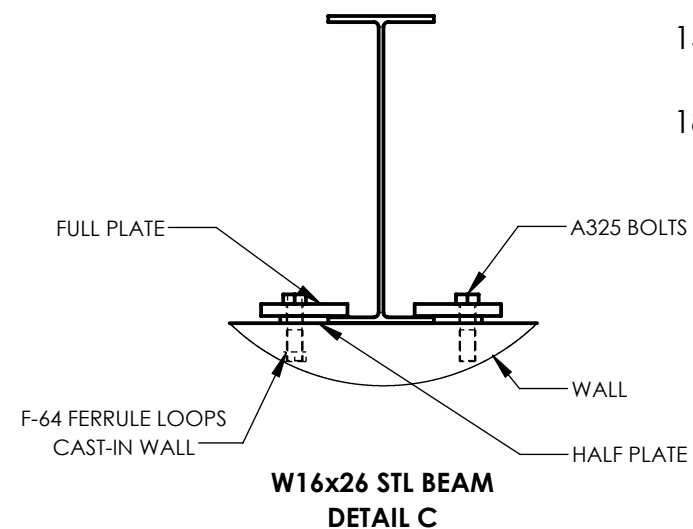


WARRANTY: ALL TANKS MUST BE BACKFILLED AND COMPACTED PRIOR TO FILLING OR WARRANTY IS VOID.



SHIPLAP JOINT DETAIL B

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

GALLON CALCULATIONS:
 $9'-0" \text{ W} \times 16'-0" \text{ L} \times 7'-6" \text{ H} \times 7.48 = 8,078 \text{ GAL}$

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. WIDE FLANGE NOT REQUIRED IN DOUBLE COMPARTMENT ONLY TANKS IF:
 - a. TANK IS 0'-0" BELOW GRADE. IN NON-TRAFFIC AREA AND NO GROUNDWATER IS PRESENT.
 - b. TANK IS 5'-0" BELOW GRADE. IN NON-TRAFFIC AREA AND NO GROUNDWATER IS PRESENT.
 - c. TANK IS 0'-0" BELOW GRADE. IN TRAFFIC AREA AND NO GROUNDWATER IS PRESENT.
 - d. TANK IS 0'-0" BELOW GRADE. IN NON-TRAFFIC AREA AND GROUNDWATER IS AT GRADE MAX.
5. IF TANK IS LOCATED IN TRAFFIC AREA WITH 5'-0" BURY AND WATER @ GRADE (3) W16 BEAMS EACH LONG SIDE AND (1) W16 BEAM EACH SHORT SIDE AND #6 @ 5" O.C. HORIZONTAL IN THE WALLS IS REQUIRED.
6. PLATE & BOLT SPACING @ EVERY 8"

<p>NOTES:</p> <p>REINFORCEMENT:</p> <p>WALLS:</p> <p>-#6 @ 6" O.C. HORIZONTAL</p> <p>-#4 @ 10" O.C. VERTICAL</p> <p>TOP & BOTTOM</p> <p>-#6 @ 6" O.C. SHORT DIRECTION</p> <p>#5 @ 12" O.C. LONG DIRECTION, (2) #5 BAR</p> <p>LONG SIDE OF ACCESS, (2) #6 BAR SHORT SIDE</p>
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SPOKANE - LEWISTON - YAKIMA
www.wilbertprecast.com**

DRAWN BY:
TH

TITLE:

8000 GALLON SINGLE COMPARTMENT TANK
TRAFFIC BEARING

	SIZE
Small	8-9
Medium	10-11
Large	12-14
X-Large	16-18
XX-Large	20-22

B

DWG. NO.

916-8S

SCALE:

NTS

DATE:

5/20/2025