



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 7'-3"H x 7.48 = 7,809 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:**
- 1077 GALLONS/VERTICAL FOOT CAPACITY
 - ON-SITE CRANE SUPPLIED BY CONTRACTOR (20,000# PICK TO CENTER OF EXCAVATION)
 - WIDE FLANGE INSTALLED BY CONTRACTOR. PLATE & BOLT SPACING @ EVERY 8"
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- 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



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DRAWN BY:
TH

TITLE: 7500 GALLON SINGLE COMPARTMENT WATER TANK
TRAFFIC BEARING

SIZE	DWG. NO.	SCALE:	DATE:
B	916-6W	NTS	7/11/2025