

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

**CONCRETE:**

TANK CONSTRUCTION UTILIZES 6000 PSI CONCRETE AND GRADE 60 REBAR

**GALLON CALCULATIONS:**

9'-0"W x 10'-4"L x 7'-0"H x 7.48 = 4,869 GAL  
9'-0"W x 5'-2"L x 7'-0"H x 7.48 = 2,435 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:**

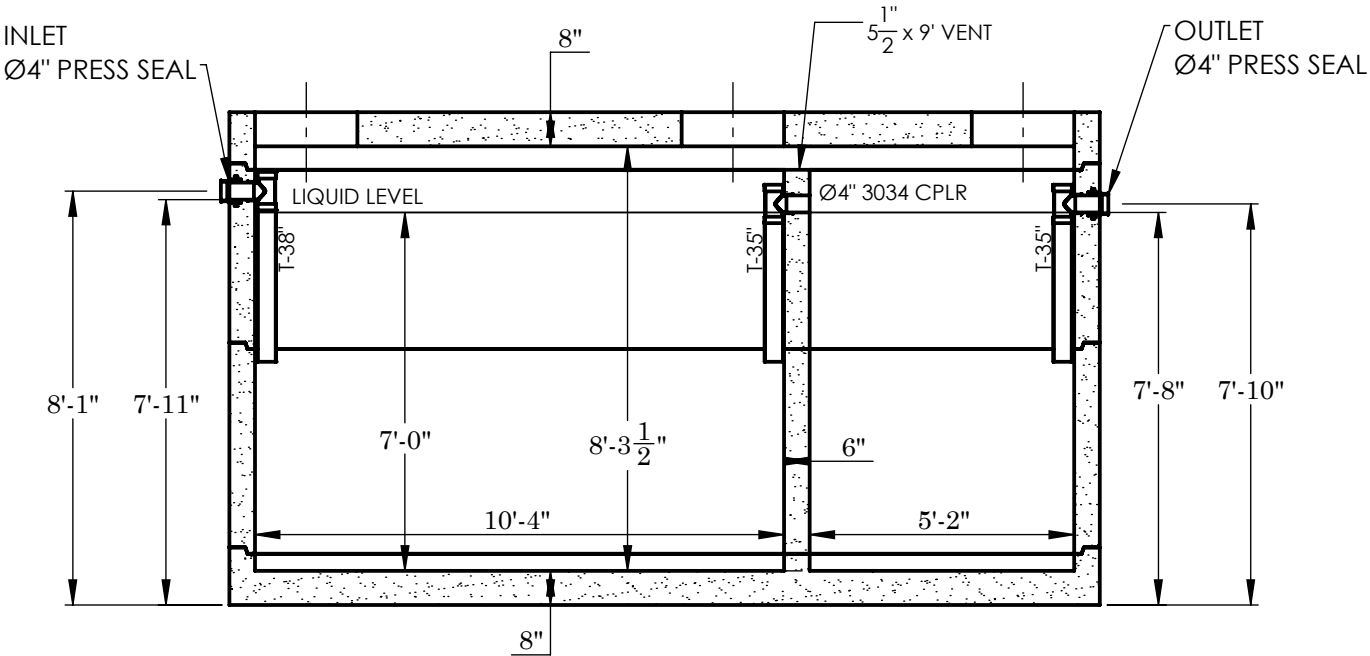
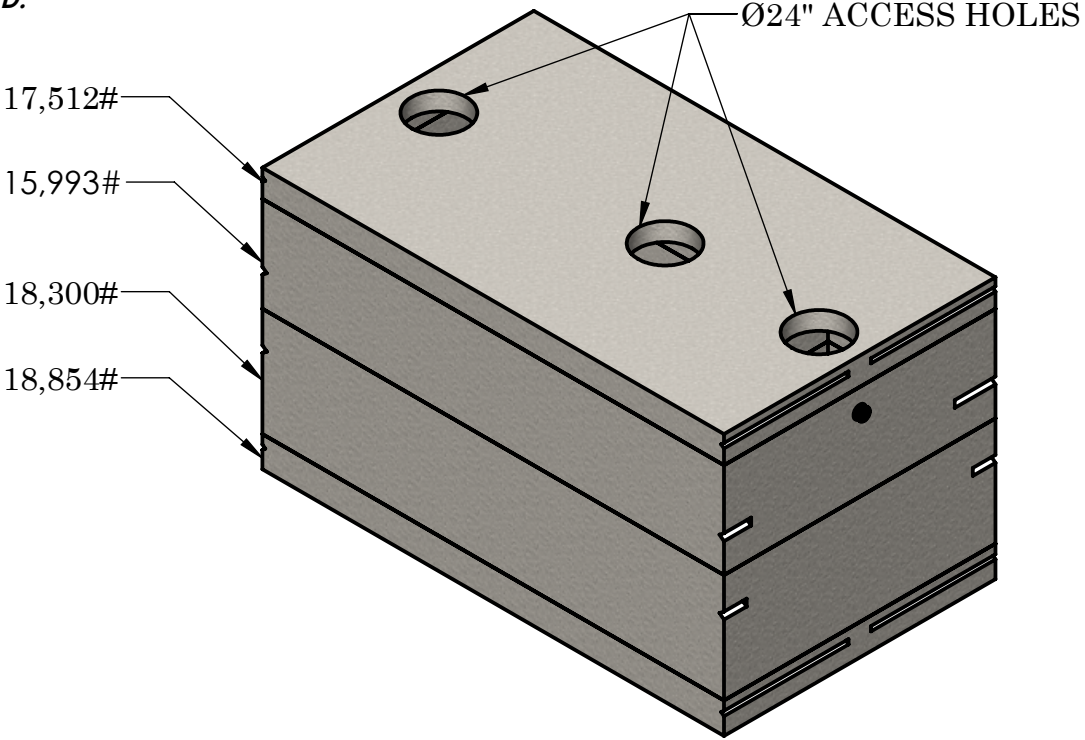
12" LARGER EACH WAY THAN TANK DIMENSION

**BURY:**

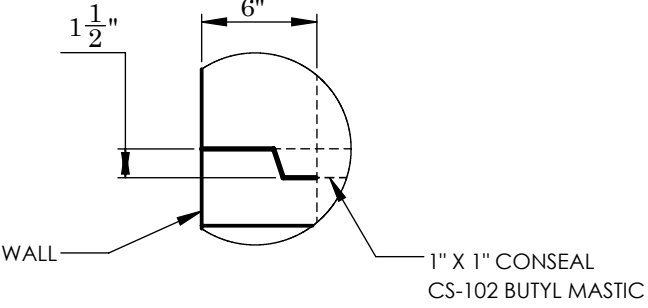
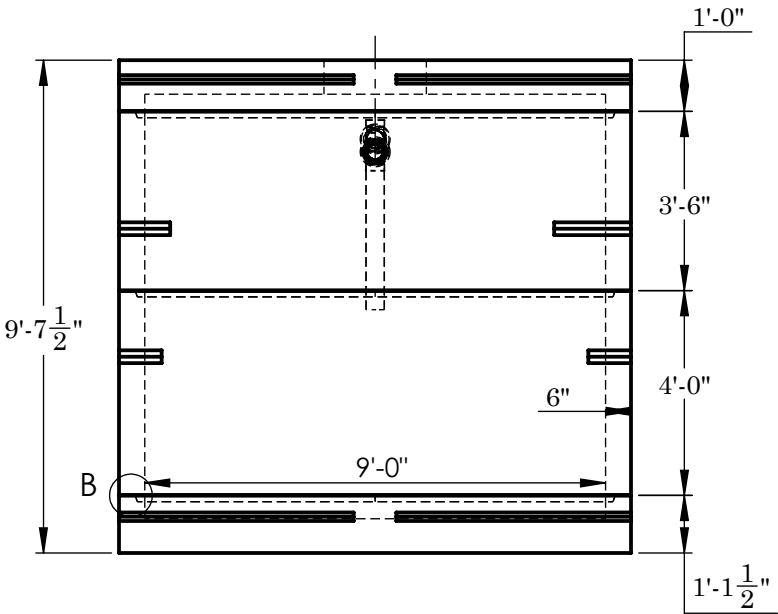
MAXIMUM BURY DEPTH ~ 5'

**NOTES:**

1. 1043 GALLONS/VERTICAL FOOT CAPACITY
2. ON-SITE CRANE SUPPLIED BY CONTRACTOR (20,000# PICK TO CENTER OF EXCAVATION)



**SECTION A-A**



**SHI LAP JOINT DETAIL B**

**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: 7000 GALLON DOUBLE COMPARTMENT TANK TRAFFIC BEARING			
SIZE <b>B</b>	DWG. NO. <b>916-7D</b>	SCALE: NTS	DATE: 7/9/2025