

DETAIL 15  
TANK INSTALLATION INSTRUCTIONS

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**- SITE CONDITIONS**

The site must be accessible to large, heavy trucks. Free of items like trees, overhead wires, and buildings. That could interfere with delivery or installation and allows trucks to within 3 to 8 feet of placement excavation.

**- EXCAVATION**

Excavation should be approximately 18" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation below the tank center to be 2" lower to prevent undue pressure at center of tank.

**- BEDDING**

Proper use of bedding material is important to ensure service life of tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to be able to pass through a 3/4" screen. Bedding thickness shall be 4 "minimum compacted (thickness may vary with existing soil conditions).

**- JOINT SEAL**

Joint surfaces to be clean and proper placement of sealant according to manufacturers recommendations.

**- WATER TABLE**

Tanks being placed where water levels can potentially be higher than the elevation of the tank cover, must be brought to the attention of Wieser Concrete Products Inc. Additional installation instructions such as ballast and coating may be required.

**- BACKFILL MATERIAL**

Sidewalls of tanks require dry backfill materials that have the ability of 100% to be able to pass through a 2" screen. And have a minimum of 12" on all sides from bottom to top of tank. Backfill material shall be placed with a backhoe or concrete bucket to avoid impact loads on sidewall of tank. No compaction of backfill material is permitted on sidewalls of tank. If more than 85% modified Proctor compaction is required, use 3/8" or 3/4" washed gravel for backfill material.

**- COVER MATERIAL**

Cover material shall be dry soil, sand or gravel material that has the ability of 100% to be able to pass through a 4" screen. Cover materials shall be mounded over tank and around risers to direct run-off away from both.

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