TTT Products

Ground Improvement

using TTT Poles

TTT SED POLES

TTT SED Poles were used to achieve a Ground Improvement solution for foundations for two heavy storage tanks in a new milk processing factory development. The site was located in Pokeno, Waikato.

TTT Products

Ground Improvement

Project background:

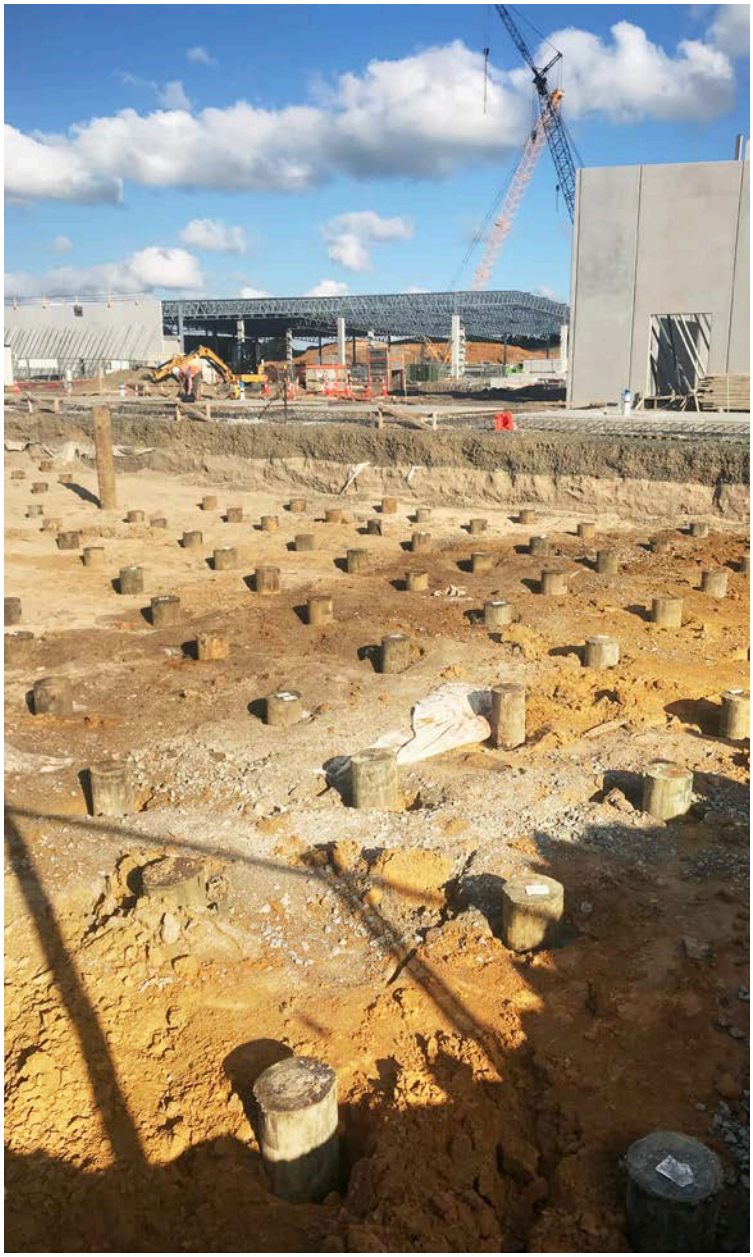
- Two new storage tanks required foundations in a milk processing factory development.
- Ground Improvement was required to support the tanks.
- The project was completed by the contractor in 2018.

Why use TTT Poles:

- The ground conditions were soft, silty clay material.
- Installation needed to be rapid so that stringent deadlines were met.
- The installation method needed to take into account the soft, silty ground conditions which could not support heavy installation equipment.
- The solution needed to provide support for 12.0m tall storage tanks.
- Poles, when compared with steel and concrete, are lightweight, easily handled, and installed using equipment with a lightweight footprint.
- TTT Poles were identified by the contractor as being the most effective solution to achieve the required Ground Improvement solution to support heavy storage tanks.

How TTT Poles were used:

- TTT SED Poles were ordered by the contractor.
- TTT SED Poles are naturally tapered, machine-peeled poles. Minimal wood is removed during processing so each pole retains its strength.
- TTT supplied 190 pieces, 8.0m x 225mm SED Poles.
- The poles were installed at 1.4m centres.
- The contractor installed the poles using high frequency vibration.
- The project was completed in 3 days.



Photos courtesy of Markovina Pile Driving

Revolutionary timber pole solutions

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