C.H.J. Incorporated

Thermal Energy Storage Tank

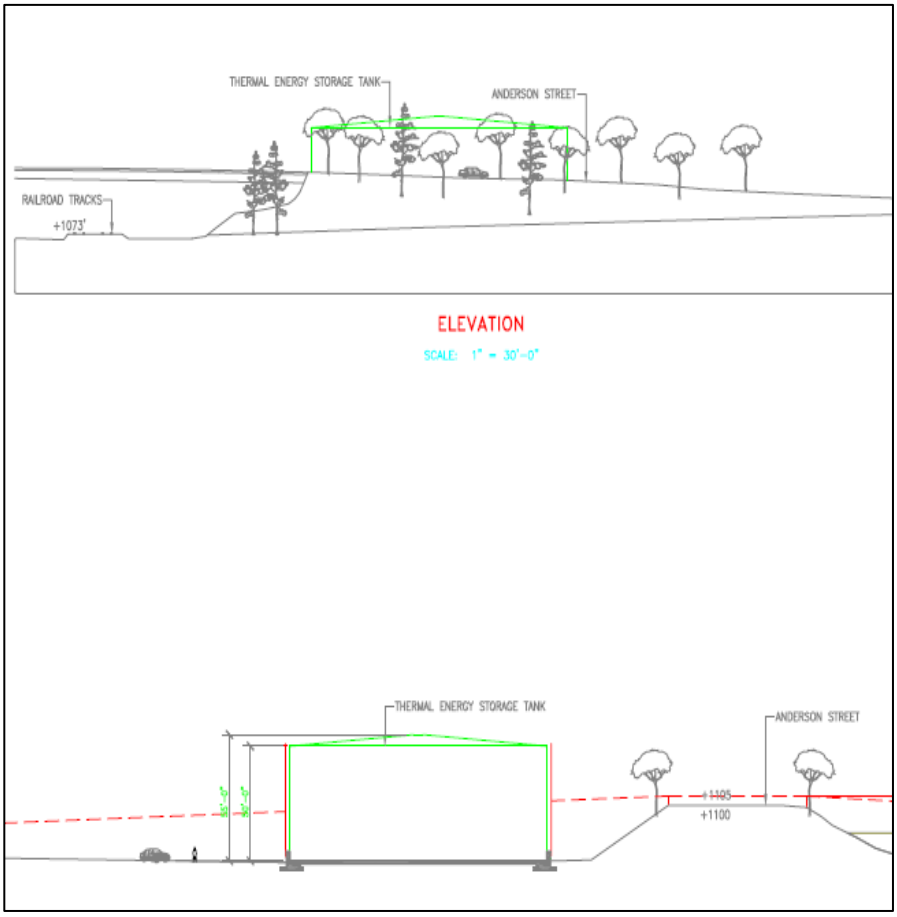
Owner: Loma Linda University

Project Summary

The project consisted of construction of a 6 million gallon, 155 ft diameter, thermal energy storage tank, heat exchanger and utility tunnel replacement, located on the campus of the Loma Linda University Medical Center in the City of Loma Linda, California. Vibro-Replacement Stone Columns, Compaction Grouting, and traditional cast-in-drilled-hole pile foundations were utilized to mitigate the liquefaction potential and provided ground improvement for the compressible nature of the existing on-site soils to a depth of up to 30 feet below the existing ground surface. The project required substantial interaction with the client, the contractors, and CGS. The recommendations to use Stone Columns and In-Place Soil Mixing saved the University $300,000.

C.H.J.'s Role

CHJ performed the geotechnical investigation, grading observation, compaction testing, pile inspection, vibro-replacement, stone columns inspection, and compaction grout columns inspection during construction of this tank.



People you can depend on, Experience you can trust, "Service to Our Clients"