

Project Status Report: CEEEn-2018CPST-008

Report Date: 19 November 2018

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Project Title: Kiewit North Carolina LNG Storage Facility Geotech Evaluation

1) Summary of technical/non-technical challenges encountered

- Unsure of how to size foundations without specific loading information

2) Team approaches & resolutions to overcome challenges

- Use the North Carolina Building Code to approximate load scenarios since the foundation sizes are supposed to be used to estimate a cost only

3) Status of challenge resolutions & potential project impact

- Obtained North Carolina roof loads

4) Project status & summary

- Soil bearing capacity has been determined.
- Working on sizing shallow foundations. Plan to determine floor loads and to estimate foundation sizes from there.