

HELICAL PILE SYSTEMS

Close Proximity Solution

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With the new clean fuel requirements coming into law, Husky Oil required upgrading of their refinery in Prince George, British Columbia to ensure compliance. To accomplish this, additional piping, process, and equipment had to be installed.

The layout of the refinery, combined with quantity of new piping and process equipment, required numerous foundations. Most of these were to be installed in close proximity to existing in-service equipment. Originally, the foundations were designed as concrete spread footings. Layout, access, weak soils and excavation requirements, made this option difficult and expensive. Driven piles were considered, but they too would not be economic given soil conditions and limited site access and congestions.



PROJECT: Clean Fuels Project

CLIENT: SNC Lavalin/Husky Oil

LOCATION: Prince George, B.C.

Cyntech redesigned and installed all the foundations (150 in total) using screw piles with concrete pile caps. The client realized significant savings in both cost and time.

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