

Project Scope:

Great Northern Engineering designed and developed a fuel station. This station consisted of two 15,000-gallon underground storage tanks, and two aboveground fueling cabinets capable of fueling two aircraft at once.

Project Detail:

- Designed each tank with high and low level alarms for safety.
- Provided site plan and piping layout.
- Designed electrical distribution system to power pumps, controls, and lighting.
- Designed instrumentation and control plan.
- Provided operations manuals.
- Included cost estimates for the design at regular intervals.
- Designed filtration system to API Jet fuel specifications.
- Designed system to allow for defueling of aircraft.

