



KWADACHA EMERGENCY RESPONSE & LEARNING CENTRE

FORT WARE, BC



QUICK FACTS

- + Design-Bid
- + Emergency Response Centre
- + Multi-Purpose Community Space
- + 4,660 square feet
- + ~\$3.5-Million Budget
- + Smith + Andersen Mechanical, Electrical, and Intelligent Integrated Systems





KWADACHA EMERGENCY RESPONSE & LEARNING CENTRE

ABOUT THIS PROJECT

- + New emergency response and learning centre constructed to provide essential services for the Kwadacha First Nation community in Fort Ware, BC.
- + The single-storey wood-building consists of two separate facilities: an emergency response centre, with single vehicle bay, gear room, and tool room, and an adult learning centre, with reception, three classrooms, a lounge area, washrooms, and an office.
- + Designed to be a recognizable point of emergency for the community.
- + Due to the remote location, the structure was constructed from durable materials, and features low-maintenance finishes and high-performance fibreglass windows.
- + Classified as a post-disaster building and can act as an emergency command centre.
- + This First Nations project required close collaboration with the Kwadacha Nation to create a structure that met their needs.
- + Client requested a simple mechanical system to accommodate the remote location and straight-forward operational requirements.
- + Mechanical design scope included plumbing, drainage, fire protection, and HVAC.
- + Remote location required close collaboration throughout the design process, particularly when arranging services and utilities.

LOCATION
Fort Ware, BC

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical,
Intelligent Integrated Systems

KEY TEAM MEMBERS
Unison Architecture

SIZE
4,660 sq. ft. (430 sq. m.)

BUDGET
~\$3.5 Million

COMPLETION YEAR
2021

HOT BUTTONS

DESIGN-BID

GOVERNMENT

FIRE HALL

MULTI-PURPOSE

MECHANICAL DESIGN

ELECTRICAL DESIGN

WOOD BUILDING

INTEGRATED SYSTEMS

