

What is the project about:

A cultural center for indigenous people. It needs a mobile workspace for analyzing plants, as well as office space for outreach (which can potentially be rented out). Needs room for drying hides (10-20 ft roof for larger hides). Also a small area for creating traditional medicines.

Location and Topography:

In Algonquin Valley, the exact location is TBD. Needs to be near natural resources and indigenous communities.

Needs of the Customer (Green = Higher Priority, Red = Lower Priority)

Equipment needs:

- Type of equipment: handheld equipment
- Mobile workstation
- Truck sizes: half a ton

Location needs:

- Road access: Yes
- Proximity to raw materials:
- Site dimension: undeveloped land
- Location: swampy environment
- Accessibility for elders to the building and throughout the building

Construction needs:

- Budget: Think big {no limit}
- Lifespan of the project: designed with the future in mind
- Duration for building: 2 years
- Workspace (material makeup): Stainless

Building needs:

- Small office with 10-person occupancy
 - Potential use for renting
- Small kitchen for staff
- Washroom
- Outdoor space for cultural size and parking space
- The common area should be like a boardroom area
- Parking: Shed separated from building for trucks
- Availability of a loading dock
- Freezer space: preservation of animals and plants
- Activities: space to clean the fish, outdoor space for processing hides (16ft- 20ft)
- Lab description: workspace for experiments to be carried out as well as spaces for computer monitors for data processing
- Drying and storing medicine (small Size)
- They need a multi-functional workspace
- The team would be 20 people max and 10 people min

Cultural needs:

- A building that reflects the First Nation people and is also inspired by their culture

- It should be situated in a way that nature is not tampered with
- A place where First Nation communities could connect
- No cultural boundaries to keep in mind

Garage Notes:

Should have access to the lab (loading bay door?) and capacity for 3 pick-up trucks (Approximately). Should also work as a workspace while the trucks are absent.

Problem Statement:

The client is looking to construct a cultural centre for indigenous peoples to connect with their heritage. This requires the building to have facilities for various traditional activities, such as researching and preserving plants and animals, as well as creating traditional medicines. As part of fulfilling these cultural needs, the building should be constructed sustainably so as to not harm the local environment, as well as being situated in a remote location.