

Guardian program building

Client: Amber Hien

Location: [31 Riverside Dr #101, Pembroke, ON K8A 8R6](#)

Description: The Guardian Program is an Indigenous based program that monitors the land, water and air, within reserves around lake the golden lake. The members who drive this program are very dedicated to their culture and art. Sustainability should be a key part of the design incorporating renewables energies, such as rain water, solar, and geothermal.

The client requires a building which can function as both a small plant processing center with office space and as a community space for the public. The space must be able to expand in the future, with a maximum of 10 offices. The building should have a partially timber build (the timber can be sourced locally), with a design that reflects Algonquin culture. There should be capacity for at least 2 medium-large vehicles (pickup trucks).

It must also have a washroom and kitchenette, along with a separate space for a freezer and an herbarium. It should also have storage for handheld tools and equipment, along with a common board room with a rolling table. The building should have adequate security, including CCTV cameras.

Quality	Score	Justification
2-year build time	3	The sooner it can be operational, the sooner it can make profit
Functional Building	5	The structural integrity of the building is paramount
Utilities	5	People need to be able to work in their building, and have access to all the amenities to make their stay comfortable and productive
Weather Protection	5	Same as utilities
Timber Build	3	As the building is situated on an Algonquin reservation, it is important that the building doesn't impose

Vehicle Capacity	4	People need a way to travel and transport items to and from the facility
Loading Dock	3	Enables more efficient loading and alighting of items, but is not strictly necessary for small items
Expandability	4	There is a current lack of office space in the area, and the facility may most likely need to expand in the future
Washrooms	5	People need to pee
Tool Storage	3	Handheld tools need to be easily retrievable
Freezer Space	4	There needs to be space for plants to be preserved
Kitchenette	3	People need to eat
Rolling Table	6	
CCTV	3	As the building with pharmaceuticals, it is important to protect them as well as the users of the building
Office Spaces	5	People need places to work on non-active work
Herbarium	5	People need places to physically manage the plants
Extra Office Space	3	See "Expandability"
Community Space	?	
Board Room	4	A place where workers can exchange ideas can lead to more efficiency

Problem statement:

The Client would like a functional building with office space, storage for tools, utilities, a board room, space for a freezer, washrooms, and space for community activities. The workers need a kitchenette, a rolling table in the boardroom, vehicle capacity, a loading dock, as well as a security system.

Other Questions:

Where *exactly* is the building to be located?

What are the workers doing? COuld we see a current example of their work?

Is it supposed to be a hybrid community + office space or something else?