

## Deliverable B: Design Project Briefing

Group	Need Statements	Ranking	Justification
Outdoor	The building has a loading dock for large content transfer.	4	During client Q&A, it was mentioned that Guardians frequently bring in large samples. A loading dock would allow efficient transfer to the workspace.
	There is a public parking lot for the employees and the community.	2	Employees and people from the community will need somewhere to park their cars.
	There is an outdoor lot for the company's vehicle storage.	3	During client Q&A, the client mentioned that they have Chevrolet 1500 trucks, as well as ATVs and snowmobiles.
	There is a multipurpose outdoor space.	3	During the client Q&A, the client expressed a necessity for an outdoor space that can be used for work related and/or recreational activities.
Indoor	The building is accessible to all.	4	During client Q&A, the client mentioned that the community has a lot of elders that will need accessibility accommodations.
	The building has two washrooms.	2	Mentioned in 'Requirements for building'.
	The building has a kitchenette for the employees.	2	Mentioned in 'Requirements for building'.
	The building has 4-5 offices.	4	Mentioned in 'Requirements for building'.
	The building has an area to host meetings/large gatherings.	2	During client Q&A, the client expressed interest in having an area large enough for large groups of people.
Cultural	A building that reflects the community's values.	4	During client Q&A, the client discussed the importance of how they want the form and function of the building to reflect their community's values.
Work-specific	The building has a multipurpose workspace with outdoor access.	5	During the client Q&A, the client mentioned a necessity for a large workspace where the Guardians can conduct a variety of tasks.
	The building has a space for harvesting samples.	5	Mentioned in 'Requirements for building'.
	The building has a space for drying samples.	5	Mentioned in 'Requirements for building'.
	The building has a storage space for handheld lab equipment.	3	Mentioned in 'Requirements for building'.

**Requirements for the building:**

- 4-5 offices
- 2 washrooms
- Kitchenette
- Spaces for harvesting and drying respectively
- Freezer space (to store incoming samples to prevent bacterial growth)
- Equipment storage (handheld equipment)
- Mobile workspace
- Parking lot
  - Big enough to maneuver pick-up trucks
  - Storage for ATVs and snowmobiles when not in use

**Problem Statement:**

A need exists for the Guardian Program for an environmental research building that provides sustainability and long-term viability, while reflecting the values of the AOPFN. The client expressed a need for an innovative design with the potential to be a pillar of the community that entices government funding.