

Deliverable I: Design Day Pitch

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November 9, 2023

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The problem:

For our design project, we were tasked by The Algonquins of Pikwàkanagàn Neyagada Wabandangaki (AOPFN) to create a building to support their environmental monitoring guardian program. The guardian program is a government funded initiative to let the indigenous people monitor and supervise their land. The guardian program required a new multi-purpose building that would support their research as well as serve as a space that reflects the community's values and culture.

The addition of an environmental monitoring building for the Guardian Program would also serve as a key step towards empowering the AOPFN community. This purpose-built facility will provide a dedicated space for conducting research and facilitating collaborative efforts among community members. This building will also serve as a symbol of the commitment to environmental stewardship and independent protection of their land

Necessary subsystems of the final prototype:

The requirements for this project's building design was to include a large multi-functional space with a minimum of 6 small offices, a common workspace, a computer lab, boardroom, a plant processing station and a storage and freezer space that are easily accessible to a lean-to. The building will be used as not only a space for work, but a space for community events and activities. The client also requested that the building should reflect indigenous values and integrate surrounding fauna.

Cost:

After running our information RSMeans, the estimated cost of our building will cost approximately \$2 million to build.

Closing

To conclude, our design is all about sustainability, nature, accessibility, and culture – all of which are elements at the heart of the Algonquins of Pikwàkanagàn Neyagada

Wabandangaki (AOPFN) community. The overall design and architecture of the building is designed in such a way that reflects the community and their holistic way of living. By creating a multi-functional building that caters to the success and independence of the AOPFN community, more opportunities to reconnect with the land and one another will be readily available and accessible.

Rendering link:

https://app.sketchup.com/share/tc/northAmerica/L_jZ5Cv5q1c?stoken=G0mBAY4YsdFsyW1oBybFsSCSHibfcXwR4Oxpd6XoqQ2QIHIt8QMIDbBAzNTr6Yj4&source=web