



Let's grow together.

Just Vertical Case Study

CTAAN/UNBC

**Partnering together to
revolutionize indoor
growing and agriculture.**

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CTAAN/UNBC

Farms In Long-Term Care.

The Centre for Technology Adoption for Aging in the North (CTAAN) (along with the University of Northern British Columbia (UNBC)) wanted to make a difference in Northern British Columbia by installing sustainable, indoor edible greenwalls for residents at long-term care centers, hospitals, hospices, and schools.

Location

Prince George, British Columbia

Project Date

Ongoing

Project Lead

Kevin Jakiela, Just Vertical

Farm On-Site

Custom Farm

The Challenge

With the rising demand for sustainable food sources and the need to support aging populations in rural and northern communities, CTAAN's goal was to integrate green technologies that could thrive indoors, especially in regions with harsh climates. In doing so, they also wanted to conduct research on the impact of sustainable technologies on resident wellbeing.

The primary challenge was designing and installing greenwalls that could be easily maintained and yield significant produce- while also engaging residents in facilities across the North.

The Solution

Just Vertical, leveraging its expertise in hydroponic farming, designed and built 6 greenwalls tailored to CTAAN's specific requirements. The project in-

involved designing the greenwalls, consulting on setup, and providing ongoing support and guidance to ensure successful crop growth and maintenance.

The Impact

Over the past two years, these greenwalls have significantly impacted the participating facilities. Each greenwall produces 5-10 lbs of fresh produce weekly, offering an engaging tool that also serves as a therapeutic and educational resource for residents.

The collaboration has also allowed CTAAN to further research on resident engagement and champion sustainable, innovative technology for resident wellbeing in long-term care homes, hospices, schools, hospitals, and more.



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