



Let's grow together.

Just Vertical Case Study

**University of Toronto &
Redbird Circle**

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

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UofT & Redbird Circle Back To Agricultural Roots.

The University of Toronto Scarborough, Redbird Circle Indigenous group, and Just Vertical collaborated to create four 510 sqft indoor farms housed in geodesic dome greenhouses. Located on university land, these farms support local Indigenous communities by providing fresh produce and educational opportunities, fostering sustainability and community well-being.

Location

University Of Toronto,
Scarboroguh Campus

Project Date

2023

Project Lead

Conner Tidd, Just Vertical

Farm On-Site

Custom Farm

The Challenge

The University of Toronto and Redbird Circle understood how important agriculture is in learning and development. As such, both organizations were focused on building effective indoor farms that serve both educational and community needs on the University of Toronto's Scarborough Campus' grounds.

The farms needed to be simple to maintain, produce significant yields, and integrate into local markets and educational programs, supporting Redbird Circle's mission of healing and empowerment through culturally relevant agriculture.

The Solution

Just Vertical designed and built four geodesic dome greenhouses, providing all necessary hardware and detailed CAD renderings. Comprehensive training

sessions were conducted for the community, ensuring seamless integration and ongoing support.

The farms were strategically planned to serve as educational tools and supply fresh produce to local markets, benefiting both the university and the Indigenous community.

The Impact

Within three months, Just Vertical delivered fully operational indoor farms that are set to begin production in early spring.

These farms now offer fresh produce for local markets, serve as educational resources, and support the empowerment and healing of the Indigenous community, showcasing the potential of sustainable agriculture to enhance community well-being and education.



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Just Vertical

63 Medulla Avenue
Suite 1
Etobicoke
Ontario, Canada, M8Z 5L6

P : (613) 690-6320
E : sales@justvertical.com

www.justvertical.com

