



CASE STUDY | COMMERCIAL,
RESIDENTIAL

The Vaults

LITEFLOOR interior walkable glass floor above a
private car collection

LOCATION

Kelowna, BC

YEAR

2024

SYSTEM

LITEFLOOR

OWNER

Private Client

SECTOR

Commercial, Residential



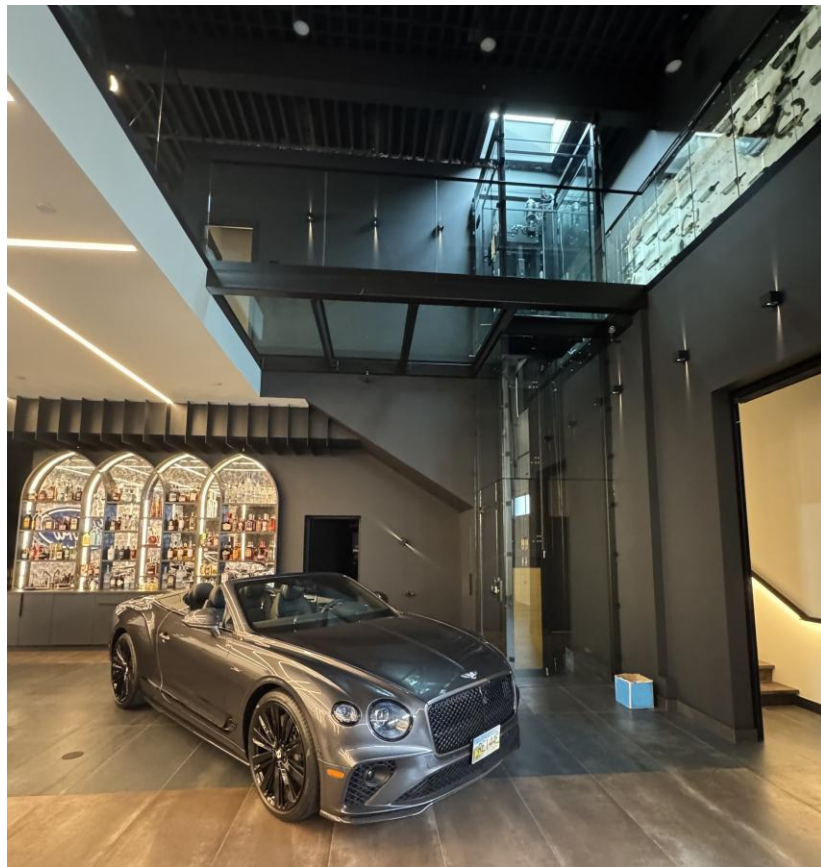
ABOUT THE PROJECT

A Private Vault Designed Like a Museum

The Vaults in Kelowna, BC is a high-end private storage space for clients who want their most valued belongings kept in a secure, managed and monitored setting. Each vault is designed around what it holds, so it can be as much a place to enjoy a collection as a place to store it.

In one of the vaults, a private collector wanted to store and display a collection of rare cars with the feel of a museum. Greenlite Glass Systems supplied a LITEFLOOR interior glass floor above the display level. Visitors can walk over the collection and look down at the cars below, like looking into a life-size shadow box.

The glass floor is made of multiple panels that together feel like a glass bridge. It sits within a space furnished and designed by a professional design team, with all-glass handrails looking through to the lower floor and a glass-enclosed wine cellar, so that every visit feels special.



Creating a Museum Experience Above a Private Car Collection

THE CHALLENGE

Frame a rare car collection like a life-size shadow box

- Design an interior walkable glass floor that frames a private car collection below, like a life-size shadow box.
- Engineer the glass floor to carry both people walking on it and the full loading of the assembly.
- Keep clear, open sightlines through the floor to the display level below.
- Deliver a finish level that suits a high-end client base and a professionally designed interior.

THE SOLUTION

LITEFLOOR Interior Walkable Glass Floor

- Supplied a LITEFLOOR interior glass floor engineered to carry both people and the full loading of the assembly.
- Laid out the floor in multiple glass panels to create the feel of a walkable glass bridge.
- Designed the floor to work with the space's all-glass handrails, keeping clear views down to the collection.
- Fitted the glass into a fully furnished interior created by the project design team.

PROJECT ACHIEVEMENTS

A Walkable Glass Gallery for a Private Collection

Walkable

Interior glass floor

Multi-Panel

Glass bridge layout

Secure

Managed and monitored

- Gives visitors the feeling of floating above the displayed collection.
- Turns a secure storage vault into a gallery-style showcase at real-life scale.
- Creates an open, all-glass view from the walking surface down to the lower level.
- Raises the standard of what a private storage space can offer high-end clients.





Ready to Work With Us?

LITEFLOOR glass floors are engineered and supplied by Greenlite Glass Systems, alongside the LITEFLAM fire-rated line. Talk to our team about your next project.

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