MASS PLY BY FRERES

CASE STUDY

CASCADA HOTEL AND SPA



SPECS

Building Type: Commercial, Hospitality, Retail, and Dining

Location: Portland, OR

Architect: LEVER Architecture

Sq. Footage: 105,000

Year completed: 2025

> **"It's an honor to contribute to projects like Cascada and to collaborate with builders, contractors, and designers who value sustainability. We believe there is no better sustainable building product than wood"**
>
> – Tyler Freres,
> Vice President of Sales

CHALLENGE

Create a luxury hotel experience in Portland, Oregon, that prioritizes sustainable construction materials and eco-conscious design choices.

SOLUTION

SolTerra and LEVER Architecture selected energy-efficient, locally sourced materials to construct the Cascada Hotel and Spa, including Mass Ply products.

RESULT

Cascada Hotel and Spa achieved LEED Platinum certification, the highest sustainability ranking available from the world's most recognized green building rating system.

CASCADA, A LUXURY HOTEL AND SPA, IS JOINING PORTLAND, OREGON'S LIVELY ALBERTA ARTS NEIGHBORHOOD.

The building features a three-story spa and fitness facility with vitality pools, a salt therapy room, a sauna, a steam room, and, most notably, "Portland's first underground thermal springs." It also offers 100 hotel rooms, a juice bar and coffee shop, a restaurant serving Japanese-Portuguese fusion cuisine, several retail outlets, and multiple workspaces and conference rooms.

LEVER Architecture, the building's designer, focused on locally sourced, energy-efficient materials to minimize environmental impact. These sustainable design choices include green roofs, solar panels, stormwater reuse, and low-carbon concrete. "Everything in the project reflects the spirit of innovation," said Thomas Robinson, founding principal architect at LEVER, in an article from The Oregonian. Paired with these eco-conscious materials, LEVER selected Freres Engineered Wood's Mass Ply CLT to create exquisite exposed ceilings in the lobby and on the second floor.



Photos: Ema Peter



SolTerra, the developer and contractor, calls Cascada "a sanctuary where wellness and sustainability meet." Its biophilic design connects guests to nature, featuring a living green wall covering two floors and timber ceilings. CEO Brian Heather said, "This sums up our learnings—sustainable projects for the Earth, but never something truly amazing for people."

Thanks to a series of energy-efficient design choices, the state-of-the-art hybrid mass timber development will achieve LEED Platinum certification, the highest sustainability ranking available from the world's most recognized green building rating system.

PARTNERS

LEVER ARCHITECTURE
SOLTERRA
SIMPSON STRONG-TIE
HOLMES

Considering Mass Ply for your next project?
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