



MEC Vancouver Flagship Store

Vancouver, BC

With a vision to enhance the retail environment and brand identity, this new flagship store adopts a distinctive contemporary “west coast” design inspired by the mountains that symbolizes the client’s core values.

The 62,000 square feet mass timber superstructure comprises three levels of underground parking and two levels of retail space, along with a third floor of offices with community rooms and a rooftop terrace. The below-grade structure consists of cast-in-place concrete, while the above-grade structure primarily exposes wood with cross-laminated floors and a roof supported on glulam beams. Steel buckling-restrained brace frames and custom eccentrically braced frames at the stair cores and central atrium provide lateral structure.

The client’s commitment to sustainability informed the decision to use mass timber – understanding that the building material is lower in embodied carbon compared to others. Additional sustainable features of the new flagship store include an extensive green roof, high-efficiency heating and cooling systems, and renewable energy resources with an estimate of one-third less energy being used than the standard.

Fast + Epp

Status
Completed 2020

Project Cost
\$ 30 million

Area
62,000 ft² (5,700 m²)

Architect
Proscenium Architecture + Interior

Client
Mountain Equipment Co-op

