



Tsleil-Waututh Administration & Health Centre North Vancouver, BC

The Tsleil-Waututh Administration and Health Centre is a two-storey mass timber structure, with a unique stepped wavy roof. The client wished to build a structure that would become a hub for the community that not only met their functional needs, but that was also an expression of the Tsleil-Waututh First Nation. This was accomplished by creating three bays, which all serve a unique, yet united role in the programming offered throughout the building. Each block consists of a series of undulating, stepped composite wood roof trusses, and since Tsleil-Waututh means People of the Inlet, the wave-like roof is a reflection of their close relationship with water.

The architect also challenged the team to provide a main gathering space that was without vertical support, visually appealing, and maximized the sunlight that entered the building. Rather than provide a conventional steel truss which would obstruct light into the space and need to be concealed, Fast + Epp chose to pursue a composite truss design that allowed the roof structure to be exposed, but also maximized the light by way of eliminating diagonal truss elements. Each bay consists of a mass timber roof and floor panels, supported by glulam post and beam framing, and features its own roof, consisting of a series of composite glulam trusses. These 110' long trusses cover a dramatic open concept plan that includes a cedar log Council chamber and the main gathering space.

Fast + Epp

Status
Completed 2018

Project Cost
\$9 million

Area
31,000 ft² (2,880 m²)

Architect
Lubor Trubka Associates Architects

Client
Tsleil-Waututh First Nation

