

British Columbia Timber Building Technical Tour

October 18th to October 22nd, 2021

AIBC Credits (TBC)

The Centre for Advanced Wood Processing (CAWP) at the University of British Columbia (UBC) in collaboration with the University of Northern British Columbia (UNBC) is pleased to announce the British Columbia Timber Building and Technical Tour to showcase leading manufacturers of mass-timber building components, prefabricated energy efficient homes, and modular building systems fabricators.



The UBC CAWP has been leading tours to Europe for over 15 years. This tour is an opportunity for participants to visit some of BC's leading mass-timber building component and prefabricated building systems manufacturers, many of whom have attended our past tours to Europe and have adopted and implemented principles and technologies into their manufacturing practices.

These companies provide building solutions to meet the sustainability and green building requirements of advanced energy efficient materials, and mass-timber products for single family, multi-family, and non-residential construction.

The tour details are being finalized but our interim agenda is as follows:

Monday October 18 – Participants will meet for an evening networking and social event to kick off the tour. This will take place at a local venue in Vancouver.

Tuesday October 19 – The tour will start at the University of British Columbia and travel through picturesque British Columbia by coach bus. The first stop of the tour will be at Matsui Homes in Langley British Columbia. Mitsui Home Canada was founded in 1992 and is a subsidiary of Mitsui Home Co. Ltd., one of the largest 2x4 platform-frame single family home builders in Japan. The company manufactures panelized wall systems for residential construction in single family, condominium, and townhouse projects throughout BC, Seattle, and California.



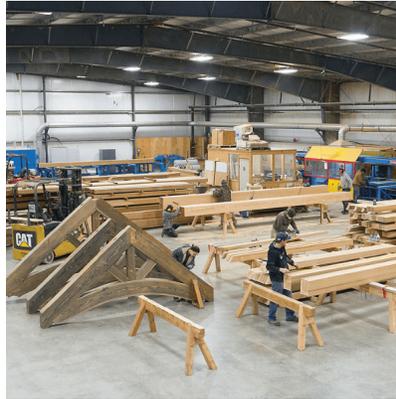
Structure Craft DLT Panel

The second stop of the day will be at StructureCraft Builders in Abbotsford, BC. StructureCraft is an Engineer-Build company specializing in timber and hybrid-timber structures throughout North America.

In addition to providing building solutions, they are also the fabricators of DowelLam (DLT), the first all wood mass timber panel in North America. Following the visit, the group will make its way to Kamloops where it will stay for the first night.

Wednesday October 20 -

The first stop of the second day will be at award winning Daizen Joinery in Kamloops, BC. Daizen is a specialty timber frame company combining precision CAD/CAM technology and Japanese handcrafted workmanship to deliver custom timber frame structures. Daizen is one of the most successful and innovative timber frame operations in the BC Interior with clients throughout Western Canada, the Pacific Northwest, California, and Hawaii.



Daizen Joinery

The second stop of the day will be at 5th C Building Solutions in Tappen, BC. 5th C are pioneers of the Passive House building technology and early adopters of European building systems. The company places an emphasis on incorporating energy efficient sustainable building materials to provide healthier building solutions.

The tour will then make its way through the Shuswap Region into the Kootenay's where the group will unwind for the day.

Thursday October 21 -

The third day of the tour will start at Spearhead Timberworks in Nelson, BC. Spearhead is a multi-faceted value-added manufacturing company specializing in the design and fabrication of architectural timber and steel. The company supplies a wide range of building components from structural timber and steel, to panelized wall and roof assemblies, millwork and finish materials. In 2021 the company commissioned one of the largest 5-axis timber processing centres in North America. This machining centre has increased the manufacturing capabilities and gives the company the flexibility to work on free-form structures.



Kalesnikoff

The second stop for the day is Kalesnikoff. Kalesnikoff has been in the sawmilling business since 1940, supplying specialty products for both the domestic and international markets. In 2019 the company announced its decision to vertically integrate and invest into a new manufacturing facility to produce Glulam beams, Cross-Laminated Timber (CLT) and Glue-Laminated Timber (GLT) panels. The glulam line was commissioned in 2020 with the CLT production line following suit in 2021. The day will wrap up at a local winery in Penticton, BC.

Friday October 22

The final day of the tour will start at Structurlam. Structurlam is the pioneer in mass-timber manufacturing, with facilities to manufacture glulam beams, CLT and GLT panels. The company is one of the first CLT manufacturers in North America and the supplier of CLT to one of the world's tallest hybrid mass-timber wood buildings, the UBC Brock Commons.



Nicola Logworks

The final stop of the tour will be at Nicola Logworks, a custom log home builder in the Nicola Valley specializing in post and beam log house with specialty joinery. Owner John Boys and his team's experience with massive log and timber joinery was called upon in the first installation of CLT in Canada on the UBC Campus.

UBC initiated the Wood Construction and Design Tour in 2001, and it has grown in popularity with each successive offering. A maximum participation limit of 20 people is in effect to allow building tours to be kept to a manageable size. Thanks to generous funding support from Forestry Innovation Investment, the tour (including the cost of hotels and transportation) can be offered to BC members of the wood manufacturing communities at a special rate of \$1795. (The full cost is \$2195 per person). Participants should make their own arrangements to meet the group on the UBC Point Grey campus in Vancouver.

Breakfast and lunch during the tour will be provided by the hotel. Participants will be required to pay for their own dinners. If you would like to know more about the 2021 BC Timber Building Tour, please contact

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