

SENT TO LSU AGCENTER/LOUISIANA FOREST PRODUCTS DEVELOPMENT CENTER - FOREST SECTOR / FORESTY PRODUCTS INTEREST GROUP

(Yet another variation on the CLT theme. Things are heating up quickly!!💎 I wish I had money to invest. Rich)



North America's first dowel laminated timber plant underway

By [Karen M. Koenig](#) May 01, 2017 | 12:36 pm EDT

ABBOTSFORD, B.C. - Construction is underway at StructureCraft for the building of North America's first dowel laminated timber plant. The 50,000-square-foot facility in Abbotsford, British Columbia, is expected to be completed in August.

Dowel laminated timber (DLT) can be used for floor, wall, and roof structures. Unlike other structural timber products, such as CLT (cross laminated timber), LVL (laminated veneer lumber), GLT (glue laminated timber) and NLT (nail laminated timber), DLT **does not use glue, nails or other metal fasteners**, the company says. Instead, the wood panels use hardwood dowels to friction fit pre-milled boards together on edge.

A variety of profiles can be integrated into the bottom surface of the DLT panel, [StructureCraft Builders](#) noted. The company said it plans to use a variety of species, including SPF wood (spruce-pine-fir), Douglas fir, hemlock, Sitka spruce, and western red or yellow cedar, to manufacture the timber product.

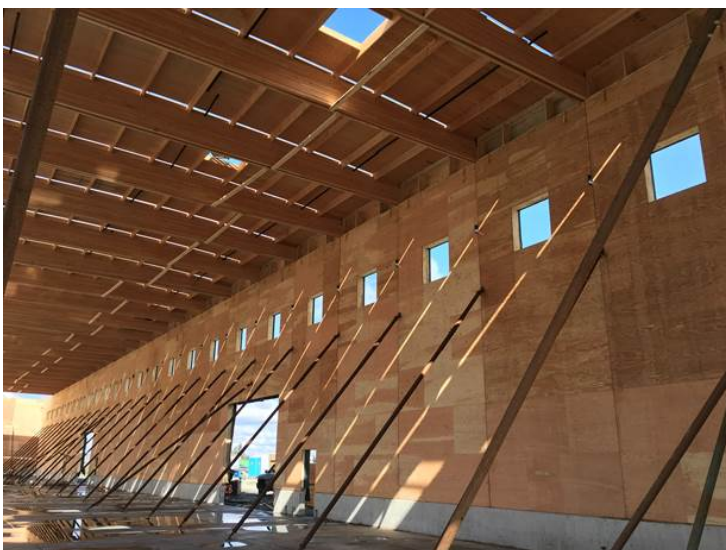
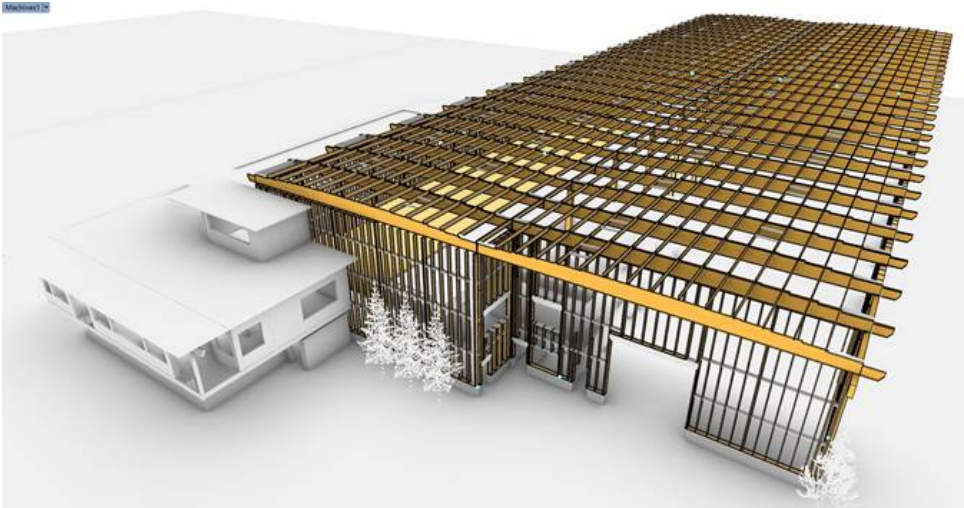


Photo: StructureCraft

The Delta, B.C.-based StructureCraft said the new plant will be designed and built with a variety of mass timber and engineered wood products, including DLT, NLT, LSL (laminated strand lumber) and Glulam. The shop has been designed as a demountable structure, with modular wall and roof panels to allow for future expansion, the company added.

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Plant rendering. Photo: StructureCraft

StructureCraft manufactures and sources mass timber products including DLT, CLT, NLT, and Glulam as well as steel components such as connections, cables, and castings.

Also known under the name **döbelholz**, DLT has been manufactured commercially in Europe for a number of years.

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