



**SHUSWAP INDIAN BAND
DEVELOPMENT AND BUILDING DEPARTMENT**

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ENGINEERED STRUCTURAL COMPONENTS

All buildings built on Shuswap Band land with engineered structural wood systems are required to have those systems engineered. These systems include;

- Engineered Floor Joists ('I' joist or open web)
- Engineered Beams (LVL, PSL, Glulam)
- Engineered Column (LVL, PSL, Glulam)
- Engineered Roof Joists ('I' joist or open web)
- Engineered Trusses
- And similar components

As these components are engineered, shop drawings for such components, indicating all design loading, spanning, etc, shall be provided for these components. Shop drawings shall be complete with a seal and signature from a Professional Engineer registered in the Province of British Columbia for that specific discipline.

- Three sets of shop drawings shall be provided for all Building Permits for residential building up to 4 dwelling units, unless directed otherwise in the Building Permit Conditions for that project.
- Eight sets of shop drawings shall be provided for all other projects, unless otherwise indicated in the Building Permit Conditions for that project.

Additional Letter of Assurance

Depending upon the complexity of the project, the Shuswap Development and Building Department may ask for a Letter of Assurance from the Truss manufacturer or from a Professional Engineer registered in the Province of British Columbia, on behalf of the Truss manufacturer. The Letter Of Assurance shall state that the engineer has reviewed the installation of the engineered components and that the engineered components have been installed as per the requirements of the manufacturer. The requirement for a Letter of Assurance will be identified in the Building Permit Condition that is issued with the Building Permit.

This is a requirement of the Shuswap Development and Building department. While the use of these materials are generally an industry standard, they are not actually covered by Part 9 of the British Columbia Building Code. As manufacturer's materials and requirements can change without notification we require the installation to be reviewed by the designing, stamping, sealing engineer and that the engineer be registered in the Province of British Columbia.