

## 1.0 **GENERAL**

### 1.1 **Related Scope of Work and UBC Guidelines**

- .1 Section 05 50 00 Metal Fabrications
- .2 Section 06 10 00 Rough Carpentry
- .3 Section 07 40 00 Cladding
- .4 Section 07 62 00 Sheet Metal Flashing and Trim
- .5 UBC LEED Implementation Guide

### 1.2 **Related External Documents**

- .1 Latest edition of the British Columbia Building Code (BCBC).

### 1.3 **Description**

- .1 General requirements for wood structures on both UBC Vancouver and UBC Okanagan campuses unless stated otherwise.

### 1.4 **Coordination**

- .1 In instances where conflicts are found between the UBC Technical Guidelines and provincial regulations or codes, please notify the UBCV Technical Review Team Architect or UBCO Facilities Management.
- .2 These guidelines are intended to be read by design consultants and their content integrated into construction drawings and specifications. Construction documents are not to reference the technical guidelines directly.
- .3 The Coordinating Registered Professional (CRP) is required to coordinate these requirements with other disciplines.

## 2.0 **DESIGN AND PERFORMANCE REQUIREMENTS**

### 2.1 **Design Requirements**

- .1 Wood structures, including those falling under Part 9 of the BC Building Code, are to be engineered in accordance with Part 4 of the Building Code.
- .2 Design building structures and their structural components for a 100-year service life. Coordinate with the UBC Technical Guidelines Performance Objectives located [here](#).
- .3 Oriented strand board shall not be used for sheathing of wood frame shear walls.

### 2.2 **Performance Requirements**

- .1 Ensure that the maximum permitted moisture content of wood members do not exceed the limits specified in the Building Envelope section of these guidelines or 19%, whichever is more restrictive.
- .2 Protect susceptible wood products from moisture penetration

## 3.0 **MATERIAL REQUIREMENTS**

### 3.1 **Product Selection**

- .1 Where wall sill plates are located above concrete, use preservative treated wood plates installed on foam sill gaskets.
- .2 Do not use finger-jointed studs for members in tension.
- .3 Sub floors shall be constructed with exterior grade tongue and groove plywood, glued and screwed in place.