1.0 GENERAL

1.1 Related UBC Guidelines

.1 Section 06 00 10 Wood Structures - General Requirements

1.2 Coordination Requirements

.1 All trades.

1.3 Quality Control and Assurance

.1 Quality Assurance

.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 BC Building Code.

.2 Costs to be included in contract unless the engineering design has been carried out by the Project Consultant Team.

.2 Quality Control

.1 Manufactured wood products to be protected from weather at all times, including during transportation and installation.

.2 Do not use finger-jointed studs.

2.0 MATERIALS

2.1 Prescriptive Requirements

.1 Components

.1 For all interior work, provide kiln-dried lumber with a maximum moisture content of 10 % or less after Kiln-drying and no greater than 12% moisture content at time of installation, unless otherwise indicated or approved.

.2 Machine stress lumber is an acceptable alternate to the visual graded method.

2.2 Pressure Preservative Wood Treatment

.1 Provide lumber and plywood which is pressure preservative treated to CAN/CSA O80 Series with ACQ for:

.1 All members in contact with ground.

.2 Wood grounds at high humidity areas

.2 After treatment, kiln-dry lumber and plywood to a maximum moisture content of 15%.

.3 Note that hot-dipped galvanized or stainless steel fasteners are to be used with ACQ treated wood.

.4 Examples of wood to be pressure preservative treated:

.1 Wood cants, plywood sheathing, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, air barrier, and waterproofing.
.2 Wood sills, sleepers, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.

.3 Wood framing members less than 18 inches (460 mm) above grade.

.4 Wood floor plates installed foundation walls.

.5 All wood members beyond the face of building paper at exterior walls (i.e. strapping within cavity walls).

.6 All wood members in contact with concrete and masonry.

.7 Wood exposed to weather.

***END OF SECTION***