

J. Division 6 - Woodwork1. Rough Carpentry

## a. General

- 1) State requirements/grades of lumber products to be used.
- 2) Use formaldehyde-free resins in particle board and plywood in occupied spaces

## b. Prefabricated Timber Trusses

- 1) Trusses shall be designed by an Engineer engaged by the supplier and fabricated to safely carry the loads shown on the drawings.
- 2) Shop drawings shall be signed and stamped by the Supplier's Design Engineer. They shall clearly indicate material grades, connectors, temporary and permanent bridging and connections to the framing.
- 3) Submit for review, brochures indicating wood connectors and fasteners proposed to connect structural members. If requested, submit samples of connectors together with structural calculations and/or test results with respect to load capacity of each type of connector.
- 4) Where exposed, fabricate trusses with particular regard to appearance. Connectors must be placed square and without unnecessary overhangs, and shall be visually in keeping with the character of the building. Splices are to be made accurately and chord members straight and parallel. Wood members shall be chosen for appearance with a minimum of small knots. Kiln dry all material.

## c. Exterior Woodwork

- 1) Avoid the use of exterior woodwork and timber, substituting materials of greater longevity wherever possible such as, for example, pre-cast concrete units

for retaining walls, painted steel for trellises, metal cladding for building walls, etc.

- 2) When used, all exposed wood is to be quality cedar or redwood and/or quality material pressure treated with an environmentally friendly preservative. Structural and aesthetic qualities which determine wood type are still applicable despite preservative treatment. Material must be sufficiently "cured" before using where direct contact with plant materials is likely.
- 3) Use paint or stain, if necessary, of a type compatible to preservative material as recommended by manufacturer to prevent non-adhesion and/or blistering.