

## SECTION 1075 -- TIMBER AND LUMBER

### 1075.01 -- Description

1. Timber and lumber shall consist of treated and untreated wood of the kinds, qualities, grades, and sizes herein described.

2. Kinds of Wood -- Unless otherwise provided, all treated or untreated timber and lumber shall be cut from live sound Douglas Fir trees from the Coast Region or Southern Yellow Pine.

3. General Requirements -- All timber and lumber, treated or untreated, shall be of the grade called for in the contract documents or these *Specifications*.

4. Definitions of Terms -- The terms used in these Specifications shall be interpreted in accordance with ASTM D 9, supplemented by the following:

a. Full Sawn Timber Lumber -- When timber and lumber are specified as "nominal" or "full sawn", it shall mean that the material may be sawn oversize to the tolerances shown below, but may not be undersize at the time of manufacture. Time of manufacture is defined as "timber in the green condition as cut and received from the lumber mill".

(1) For 2 inches thickness timber and lumber, 1/4 inch oversize.

(2) For 3 inch to 7 inch thickness timber and lumber, 3/8 inch oversize.

(3) For 8 inch or more thickness timber and lumber, 1/2 inch oversize.

(4) For 4 inch to 7 inch wide timber and lumber, 3/8 inch oversize.

(5) For 8 inch or more wide timber and lumber, 1/2 inch oversize.

b. Stress Grades -- Timber and lumber grades having assigned working stress and modulus of elasticity values in accordance with accepted basic principles of strength grading.

c. Trim -- Trimming of timber and lumber is the act of cross cutting a piece to a given length.

(1) Double end trimmed (DET) timber and lumber is trimmed reasonably square by a saw on both ends.

(2) Precision end trimmed (PET) timber and lumber is trimmed square and smooth on both ends to uniform lengths with a manufacturing tolerance of 1/16 inch over or under in length in 20 percent of the pieces.