

**SECTION 952  
STRUCTURAL TIMBER**

**952-1 General Specifications for All Structural Timber.**

This Section specifies the requirements for pine timber to be used as structural members in the Department's work, including untreated timber as well as timber to be treated. All such timber shall be manufactured and graded in accordance with the current edition of the Standard Grading Rules for Southern Pine Timber, of the Southern Pine Inspection Bureau. The timber shall meet the requirements of No. 1 grade or as otherwise specified in the Plans.

**952-2 Timber for Other Specific Uses.**

**952-2.1 Specification Grade:** For timber to be used for columns, sills, wheelguards, bulkhead, sheeting, bracing, fender wales, or any other purpose for which the grade is not specified otherwise, the specification grade shall be as follows:

Nominal Thickness	Nominal Width	Grade
1 to 1.5 inches	2 inches and wider	No. 1 Boards
2 to 4 inches	2 inches and wider	No. 1 Dimension
5 inches and larger	5 inches and larger	No. 2 Timbers

**952-2.2 Permissible Knot Sizes for Fender Wales:** For timber used as fender wales, the maximum permissible size of knot (at any point on any face) shall be as follows:

For nominal width of face of 10 - 3-3/4 inches.

For nominal width of face of 12 - 4-1/2 inches.

**952-3 Untreated Pine Timber - Specific Requirement for Heartwood.**

In addition to meeting all of the requirements of 952-1 and 952-2, pine timber which is to be used as untreated timber will be required to show at least 85% of heartwood on any girth.