

Rough Carpentry

Rough Carpentry (06 10 00)

For questions regarding this section contact: Physical Plant
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Part 1 – General

- This Section includes wood blocking, nailers and plywood backing panels.

Part 2 – Product

- Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide lumber that complies with the applicable rules of any rules-writing agency certified by the ALSC Board of Review.
- General: comply with performance requirements in AWWA C20 (lumber) and AWWA C27 (plywood).
- Provide lumber graded by an agency certified by the ALSC Board of Review to inspect and grade lumber under the rules indicated.
- Factory mark each piece of lumber with grade stamp of grading agency
- For exposed lumber indicated to receive a stained or natural finish, mark grade stamp on end or back of each piece or omit grade stamp and provide certificates of grade compliance issued by grading agency.
- Where nominal sizes are indicated, provide actual sizes required by DOC PS 20 for moisture content specified.
- Where actual sizes are indicated, they are minimum dressed sizes for dry lumber.
- Provide dressed lumber, S4S, unless otherwise indicated.
- Preservative Treatment by Pressure Process: AWWA C2, except lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWWA C31 with inorganic boron (SBX).
- Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium
- Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.
- Do not use material that is warped or does not comply with requirements for untreated material.
- Mark lumber with treatment quality mark of an inspection agency approved by the ALSC Board of Review
- Use Exterior Type for exterior locations and where indicated.
- Use Interior Type A, for interior locations unless otherwise indicated
- Identify fire-retardant-treated wood with appropriate classification marking of testing and inspecting agency acceptable to authorities having jurisdiction.
- Application:
 - Treat all rough carpentry, unless otherwise indicated.
 - Treat items indicated on drawings, and the following:
 - Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including blocking and nailers.
- For items of dimension lumber size, provide Standard, Stud, or No. 3 grade lumber with 19 percent maximum moisture content and any of the following species:



- Hem-fir (north); NLGA, mixed southern pine; SPIB, spruce-pine-fir; NLGA, hem-fir; WCLIB, or WWPA, spruce-pine-fir (south); NeLMA, WCLIB, or WWPA, Northern species; NLGA, Eastern softwoods; NeLMA.
- For concealed boards, provide lumber with 19 percent maximum moisture content and any of the following species and grades:
 - Mixed southern pine, No. 3 grade; SPIB, Hem-fir or hem-fir (north), Standard or 3 Common grade; NLGA, WCLIB, or WWPA, Spruce-pine-fir (south) or spruce-pine-fir, Standard or 3 Common grade; NeLMA, NLGA, WCLIB, or WWPA, Eastern softwoods, No. 3 Common grade; NeLMA, Northern species, No. 3 Common grade; NLGA.
- For blocking not used for attachment of other construction, Utility, Stud, or No. 3 grade lumber of any species may be used provided that it is cut and selected to eliminate defects that will interfere with its attachment and purpose.
- For blocking and nailers used for attachment of other construction, select and cut lumber to eliminate knots and other defects that will interfere with attachment of other work.
- For furring strips for installing plywood or hardboard paneling, select boards with no knots capable of producing bent-over nails and damage to paneling.
- Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated, in thickness indicated, not less than ½ inch (13-mm)