



Design Standard Rough & Finish Carpentry

Purpose:

This design standard has the purpose of creating a consistent application of wood and plastic work throughout the South San Francisco Unified School District thereby achieving a standard of aesthetic quality, maintenance and performance throughout all renovation and new building projects.

Design Standard:

Rough Carpentry

- The use of reconstituted wood products, such as parallel-strand lumber, OSB, particleboard, fiberboard, and hardboard, are encouraged. The proper application of OSB products is necessary because it is highly prone to mold growth when exposed to water.
- Pressure-preservatives are to be used on all wood in contact with concrete or masonry, exposed to the weather, or prone to insect attack, in conjunction with roofing, under parapet caps, vapor barriers and waterproofing – sills, sleepers, furring, blocking, and stripping). Pressure-preservatives must be water-borne, inorganic type and comply with the CARB limit on volatile organic compounds (VOCs) for wood preservatives of 350 grams/liter using EPA Test Method 24.
- No wood products treated with (a) pentachlorophenol, (b) arsenic compounds, and/or (c) creosote shall be used in either interior occupied spaces or for exterior applications where there is a possibility of student contact.
- Use galvanized or stainless steel fasteners where wood is exposed to the weather.
- Use stainless steel fasteners when using wood treated with preservatives.
- Provide dry lumber with 15% maximum moisture content at time of dressing for 2-inch nominal thickness or less.
- Provide fire retardant, $\frac{3}{4}$ -inch A-B grade plywood (6-inches off the floor to 8-feet high) at all walls supporting electrical equipment. Mount the plywood so the manufacturer's stamps remain visible from the front side. Fasten plywood backboards to the structural members of the building using only approved fasteners. Plywood backboards shall not be anchored to gypsum wallboard.



South San Francisco Unified School District



Sections 06 10 00 & 06 20 00

Version 1, 2011.9.30

Finish Carpentry

- Back prime all finished carpentry (interior and exterior).
- Prime or otherwise seal cut ends.

Substitutes Allowed?

- Not Applicable

Associated Design Standards

- Not Applicable

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