

**DIVISION 6 – WOOD & PLASTIC****6.1 General**

The installation of rough and finish carpentry shall be in accordance with the industry standards, in the locations shown on the Drawings, and as specified herein, using the best methods of craftsmanship to produce a first-class installation in every respect. All exposed lumber shall be treated with “Wolman CCA” wood preservative chemicals by Koppers Company, Inc. (Wolmanized).

**6.2 Rough Carpentry**

- A. All lumber and plywood for permanent use in construction throughout shall be fire retardant-treated to produce a flame spread rating of 25 or less when tested in accordance with ASTM E84. Each piece shall bear the appropriate Underwriters’ Laboratories, Inc., classification marking.
- B. Lumber PS 20, graded in accordance with National Forest Products Association grading rules with a maximum moisture content of 19%.
  - 1. Joists, rafters and miscellaneous framing shall be No. 2 or better Southern Pine or Douglas Fir-Larch.
  - 2. Studs shall be stud grade Spruce, Pine, or Fir.
- C. Nails, spikes, and staples shall be galvanized for exterior locations, high humidity locations, and for treated wood. Framing bolts, nuts and washers shall be medium carbon steel and have a galvanized finish.

**6.3 Finished Carpentry**

- A. The installation of finished carpentry shall be in accordance with AWI standards.
- B. Wood trim shall be select, clear, kiln-dried Poplar, free from shakes, sap and other imperfections. Trim shall be suitable for painting. Countertops shall be constructed of 3/4” AC Fir plywood. Lumber grades shall be:
  - 1. Softwood Lumber - PS 20 Custom Grade: Softwood Plywood – PS 1 Custom Grade Fir.
  - 2. Hardwood Lumber – PS 58 Custom Grade Birch: Hardwood Plywood – PS 54 Custom Grade Birch.
- C. Storage Room Shelving: Storage room(s) shall have five (5) 18” wide shelves constructed of 3/4” wood with a pre-finished, plastic, melamine laminated material. Shelves shall be adequately reinforced to support 100 lbs/ft<sup>2</sup>.
  - 1. Color: white.
- D. Counters: Counters shall have a plastic laminate finish and be able to support a 250-lb point load.
  - 1. Plastic laminate shall meet FSL-P-508, and be as manufactured by Wilsonart Laminates, or approved equal.
    - a. General purpose Grade HBS-20, 0.050” thickness shall be used on all surfaces unless noted otherwise.
    - b. Colors shall be as follows:

- (1) Administrative Offices, including Counter at Contractor Check-In on Warehouse Side of Office Wall: "Hunter Nebula", #4627-60 with matte finish.
  - (2) Service Manager Check-in, Contractor Check-in, and Remote P&D Centers (if any): "Navy Legacy", #4651-60 with matte finish.
  - (3) Linehaul Service Manager and Contractor Check-in: "Grey Nebula", #4662-60 with matte finish.
- E. Fiber Cement Siding (Guardhouse Building(s) when required): Fiber cement siding shall be 5/16" thickness (nominal) cedar weather board pattern with vertical grooves located at 8" spacing. Siding will be furnished in panels of continuous length for the application. Horizontal joints are prohibited.
1. Manufacturers:
    - a. CertainTeed Corporation
    - b. James Hardie Building Products
    - c. FXG approved equal.
- F. Wainscot System:
1. Wainscot system shall consist of chair rail moulding, plywood paneling, and resilient base applied over gypsum wall board.
  2. Chair rail molding shall be, as a minimum, Pine, painted, conforming to Wood Molding and Millwork Producers Association (WMMPA) standard profile #WM-301, or approved equal, and shall be rabbetted to accept the plywood panel.
  3. Wainscot plywood paneling shall be unfinished real wood paneling, 3/16" nominal thickness, Birch veneered, bead-board pattern, and shall be equal in quality to the "Bedford Village" Unfinished White Birch panel by Georgia Pacific.
  4. Vinyl Wall Base: Refer to Division 9, Finishes.

END OF SECTION