

1 General

.1 Codes & Standards

- .a ADA Architectural Guidelines.
- .b Interior Architectural Woodwork
 - i. Follow the “Architectural Woodwork Quality Standards” published by Architectural Woodwork Institute (AWI) but need not comply.

.2 Coordination

- .a Electrical and data raceway shall be coordinated with countertops and electrical equipment.
- .b No wood shall be in contact with ground.

2 Products

.1 Lumber Standards

- .a Comply with PS 20 “American Softwood Lumber Standard”.
- .b Comply with grading rules of inspection agencies certified by American Lumber Standards Committee’s (ALSC) Board of Review.
- .c Provide factory-marked grade Stamp each piece of lumber.

.2 Preservative Treated Lumber

- .a Use: Treat all rough carpentry and any wood framing in contact with masonry or concrete.
- .b Comply with AWPA Standards C2 (Lumber) and C9 (Plywood).
- .c Fasteners: All fasteners for preservative treated lumber shall be stainless steel.

.3 Fire-Retardant Treated Lumber

- .a Comply with AWPA C20 (Lumber) and C27 (Plywood).
- .b Identify fire-retardant treated lumber with appropriate classification marking of Underwriter’s Laboratories, Inc., US Testing, Lumber Products Inspection, Inc.

.4 Structural Glue-Laminated Lumber

- .a Use: Interior and exterior specialty applications as approved by owner.
- .b Comply with AITC A190.1, “Structural Glued Laminated Timber”.
- .c Species: Designer preference, owner approved.
- .d Appearance Grade: Premium appearance grade complying with AITC 110.
- .e Adhesive: Wet-type, complying with ASTM D2559.
- .f Preservative Treatment: Penta-WR in accordance with AITC 109 per AWPA C28.
- .g Connectors, Anchors and Accessories: Structural steel shapes, plates and bars complying with ASTM A36.
- .h Finish: Manufacturer’s standard penetrating clear sealer

.5 Wood Casework for Transparent Finish

- .a Grade: Public areas grade shall be premium. In staff areas grade shall be custom.
- .b Cabinet Construction: Designer preference, subject to Owner approval.
- .c Wood Species: designer preference.
- .d Finish: AWI Finish System #5; catalyzed polyurethane; stain sheen.
- .e Contractor to submit samples of transparent finishes which show the range in color variation.

.6 Laminate Clad Casework

- .a Grade: Premium.
- .b Cabinet Construction: Designer preference, subject to Owner approval.
- .c Exposed Laminate Surfaces: Colors, patterns and finishes as selected by the Architect. GP-50 for horizontal and vertical surfaces.
- .d Semi-Exposed Laminate Surfaces: GP-28 laminate for open cabinets and shelves; thermofused melamine complying with NEMA LD-3 standards inside closed cabinets.
- .e Edge treatment: No glue molding. Must be "T" mold.

.7 Countertops (Owner to provide classification of space)

- .a Low Abuse Areas: GP-50 high pressure decorative laminate.
- .b Public/Wet/High Abuse Areas: Solid surfacing material or other durable material subject to owner approval.
- .c Edge Treatment: No wood edge banding. Must be "T" mold.
- .d Colors, Patterns and Finishes: Designer preference.
- .e Specialty Areas: Owner required input.
- .f All countertops to have full plywood backing.
- .g Public transaction/reception desks.
 - i. Edge of countertop must extend past face of surface below.
 - ii. Vertical surfaces public facing shall be solid surface or other durable material subject to owner approval. Use of wood only with owner's approval.

.8 Cabinet Hardware

- .a Pulls: Designer preference. No plastic pulls. Metal pulls only.
- .b Hinges: Butt hinges or concealed European type.
- .c Catches: Magnetic or roller type.
- .d Raceways and Cable Management: coordinate with electrical equipment. Owner to provide preferred raceway configuration.

.9 Window Sills

- .a Solid surface material or other durable material subject to owner's approval.
- .b Window sill must extend minimum ½" past face or surface below.

.10 Wainscote

- .a Use: Typically in high traffic areas
- .b Must be easily cleanable.

3 Execution

.1 Precautions

- .a Do not install interior architectural woodwork until the building is enclosed, the permanent heating and cooling system is in operation.
- .b Store lumber and plywood materials off the ground and under cover which has been vented to prevent condensation.
- .c Use of plastics, or exposed, stained or painted wood, in exterior applications is not accepted.
- .d Wood in contact with grade, concrete masonry or roof construction shall be pressure preservative treated.
- .e Wood shall not be in contact with ground.