

060000 - WOOD AND PLASTICS

I. DESIGN

- A. Refer to the Fire Station Design Manual for fire station kitchen cabinets and countertops.
- B. Counter tops shall be either cabinet supported or front/side leg or panel supported. Unsupported spans in excess of 3'-6" are unacceptable. Larger spans to be supported with structural member or vertical support. All counter tops in wet and humid locations must have all undersides, edges and cutouts sealed with waterproof coating. Ensure that pipes, etc., do not interfere with recessed mountings. Counter supports and base cabinets must not preclude handicap accessibility requirements.
- C. All counter tops at wet areas such as public restrooms, kitchens, and other high use areas are to be a solid surface material. Particleboard counters are not to be specified at wet areas such as pools, shower rooms, locker rooms, kitchens, kitchenettes, bathrooms etc.
- D. Counters shall be supported by a continuous rail along the wall fastened to structural members in the wall at maximum 16" on center.
- E. All surfaces of solid wood used for finishes at interior spaces must be sealed to prevent damage due to fluctuations in humidity and temperature. Wood paneling must have built-in expansion strips.
- F. All millwork and cabinetry shall be specified to be custom grade, as a minimum, as defined by the Architectural Woodworking Institute (AWI).
- G. All millwork and cabinetry substrate shall meet ANSI Standards for Medium Density Fiberboard for interior use.
- H. All cabinetry and millwork hardware shall be specified to be quality grade and meet minimum Builders Hardware Manufacturers Association (BHMA) standards for each type. Verify with BDCD Project Manager for instances where heavy duty hardware may be applicable and/or required.
- I. Shop drawings for wooden roof trusses must be submitted to Land Development Services (LDS) for review and approval; and, drawings and calculations must be sealed, signed and dated by a Professional Engineer (PE), licensed in the Commonwealth of Virginia. Specifications shall reflect that the Contractor shall be responsible for paying LDS review fees for wood truss shop drawings.
- J. Accessible Design:
 - 1. Evaluate use of rounded corners and top edges (drip lines) for counters, cabinetry and protruding trim.

Guidelines for Architects and Engineers
Fairfax County, BDCD

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2. Provide roll under counters in all kitchenette and kitchen areas for access by wheelchairs to sinks and appliance use. Minimum clear width of the opening and the knee clearances must meet ADA Guidelines. Provide “dummy” cabinet doors in kitchenettes as may be applicable to conceal the sink pipes for ADA access.
3. A conveniently and centrally located portion of all public counters should be accessible from a standard seating position to the maximum extent possible.