

QUALITY ASSURANCE OPTIONS

(continued)

Laboratory Casework (continued)

Selection of countertop materials should be determined by the function of the laboratory. Materials might include: Chemical Resistant Laminate, Solid Phenolic Core, or Chemical Resistant Solid Phenolic Core, Epoxy Resin, Stainless Steel, or stone.

Laboratory casework specifications might include: fume hoods, laboratory sinks, plumbing fixtures, including gas cocks and vacuum cocks, while excluding the supplying of refuse piping, electrical fixtures, wiring, or conduit.

Guide specifications for laboratory casework and countertops may be found at www.woodworkinstitute.com/publications; click on the "Guide Specifications" link to further explore.

Seismic Casework

In active seismic areas, casework construction may need to be more robust in anticipation of possible seismic forces. The attachment of the backs and anchor strips to other cabinet components should be adequate to ensure the integrity of the cabinet. Anchor strips should be of adequate size and properly attached to the top, bottom, and sides of the cabinet. Tall storage cabinets should have a third anchor cleat at approximately mid-height, properly fastened to cabinet ends, and to a fixed shelf.

The Institute has developed seismic fabrication requirements through engineering and testing, which were approved by the California DSA. These approvals are in the process of being evaluated for compliance to the 2008 building code. The Institute is also working on generic cabinet installation requirements for approval by the DSA and OSHPOD.

Current availability of minimum seismic fabrication and/or installation requirements may be found on our website at: www.woodworkinstitute.com/seismic.asp

Specification Requirements

Should a design professional wish to take advantage of the *Architectural Woodwork Standards* (AWS), the following wording shall be included in the project specifications, as applicable:

All millwork shall be **manufactured** in accordance with the *Architectural Woodwork Standards*, latest edition, in the Grade or Grades hereinafter specified or shown on the drawings.

All millwork shall be **pre-finished** in accordance with the *Architectural Woodwork Standards*, latest edition, in the Grade or Grades hereinafter specified or shown on the drawings.

All millwork shall be **installed** in accordance with the *Architectural Woodwork Standards*, latest edition, in the Grade or Grades hereinafter specified or shown on the drawings.

For assistance in specification development, WI Guide Specifications which follows the CSI's three-part format, can be found online at www.woodworkinstitute.com/gs, for all applicable CSI Master Format Sections, including LEED's enhanced versions.

Cost Highlights

The Institute provides the AWS free of cost to all design professionals and specification writers within its service area of Arizona, California, Nevada, Oregon, and outside of its service area for those who choose to use its CCP and/or MCP quality assurance options.