

QUALITY ASSURANCE OPTIONS

(continued)

Special Notice (continued)

Within Section 10:

Expansion of Exposed Surface definitions into Exposed Exterior Surfaces **and** Exposed Interior Surfaces, to better define the proper use of exposed materials.

Expansion of the grain or pattern direction of cabinet face components by Grade.

Please Note these Specific Changes within AWS, Section 10:

Glass clips, in lieu of a continuous stop, are now allowed at Custom Grade (see page 272, Item 4.4.6.10.4.1.1).

The *Manual of Millwork's* use of Cabinet Construction Nomenclature (Style A Frameless / Style B Face-frame, and Type I Multiple self-supporting units / Type II single length unit), have been replaced with:

Construction TYPE A - Frameless construction and TYPE B - Face-frame construction.

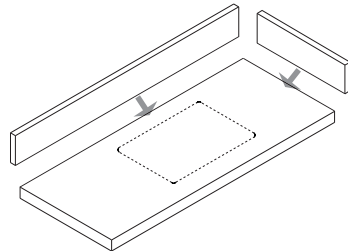
Cabinet and door INTERFACE STYLE 1 - Overlay or STYLE 2 - Flush Inset.

(See pages 250-251; Items 1.2.17 and 1.2.18)

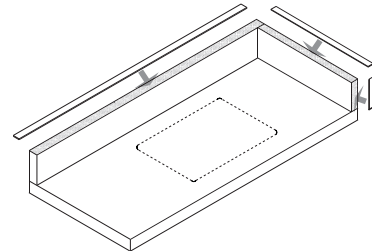
As is the case with most collaborations, not everyone gets all of what they want. Although the Institute is very pleased with the *Architectural Woodwork Standards* as published, there are a few particular areas of concern that the Institute believes need to be brought to the attention of all design and specification professions.

High Pressure Decorative Laminate (HPDL) Tops

The AWS now provides for two methods of HPDL countertop splash assembly which, regardless of Grade, become manufacturer's option if not otherwise specified:



ASSEMBLY 1
Wall Mount, Jobsite Assembled



ASSEMBLY 2
Deck Mount, Manufacturer Assembled

It is the Institute's position that you should always specify ASSEMBLY 2.

Laboratory Casework

The *Architectural Woodwork Standards* does not include a specific Laboratory Grade; however, AWS Custom or Premium Grade can be modified by plans and specifications for laboratory use.

Such modifications may include: Chemical Resistance which will specify that Exposed Vertical Surfaces and Semi-Exposed surfaces meet the requirements of the one hour chemical resistance test as found in the appendix of the AWS. Water resistant cabinet bases and all other materials within 3 inches of the floor shall be solid wood, water resistant MDF, or exterior plywood. Removable backs at base cabinets and mechanical chase provisions. Core material at sink cabinets should be water resistant particle board or MDF. Core material at laminated plastic countertops should be water resistant particleboard, MDF, or exterior grade hardwood plywood with a non-telegraphing grain, and drip groove with sealer.

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.