

## **DIVISION 6 - WOOD AND PLASTICS**

### **Section 06000 - General Discussion**

#### **Introduction**

This General Discussion Section contains material which is important to successful millwork, wood framing and wood structural installations, in construction projects. The issues are fundamental to the basic design of the project, and the long term success of those elements of the project, as well as the fabrication and installation process.

#### **General Carpentry and Wood Design**

Although not a material of choice for exposed conditions in our desert climate, wood is used extensively as a building material. When used in University projects and in structural conditions requiring structural design and/or calculations, Consultant shall use a professional structural engineer currently registered in Arizona. Installations shall be by contractors and tradesmen skilled in framing and carpentry work.

#### **Architectural Woodwork / Custom Casework**

Because the University anticipates a longer than average building life and higher than average use and abuse, durable, high quality architectural woodwork (millwork) is essential to the long term success and serviceability of any project. Section 06402 - Architectural Woodwork / Custom Casework specifies current Standards of the American Woodworking Institute (AWI) but modifies the standard to omit the use of certain materials in certain conditions and in certain portions of the work. Although used extensively industry wide, in the experience of the University, these materials have proven unsatisfactory and must be specifically excluded from the specifications.

#### **Laboratory Casework**

These Standards differentiate between Architectural Woodwork / Custom Casework and Laboratory Casework because of the specialized nature and use of the product. Laboratory Casework shall be specified separately in **Division 12 Furnishings**. Additional standards are cited and specific pre-approved fabricators and manufacturers are listed. Also, it may be necessary to include additional sections in **Division 11 Equipment** to cover acrylic counter tops, laboratory bench tops and surfaces for acid and chemical resistance and for Laboratory Fixtures.

#### **End of Section 06000**