

## SECTION 06 40 00 -- FINISH CARPENTRY AND MILLWORK

### PART 1 - GENERAL

#### 1.1 Finish Carpentry:

- A. Quality level shall meet or exceed American Woodwork Standards, Custom.
- B. Meet code requirements for fire-resistance and flamespread ratings for each project.
- C. Expansion joints shall be designed into all projects. Architect and installer shall coordinate all requirements.
- D. When wood is used for trim on exterior in new construction or renovation, cedar, mahogany, redwood or approved engineered composite products may be used. Review and approved with Brown Project Manager.
- E. Generally avoid exterior woodwork on new construction unless approved by Brown Project Manager.
- F. Clear vertical grains shall be required. Finger joints shall not be allowed.
- G. In carpet installations the wood base shall be installed before the carpet. In wood flooring installations, the base shall be installed after the wood floor.
- H. Exterior woodwork shall be backprimed.

#### 1.2. Design Requirements, Custom Casework:

- A. Quality level shall meet or exceed American Woodwork Standards, Custom. Premium level shall be used for laboratory casework and when approved by the Brown Project Manager.
- B. High density fiberboard shall not be used under laminate cabinets. Plywood required.
- C. Medium density fiberboard shall not be used for painted casework. Plywood required.
- D. Plastic laminate exposed finish with melamine interior finish may be used for casework only with review and approval by the Brown University Project Manager.
- E. Plastic laminate casework shall be installed in dormitory kitchenettes, with fixed shelves and no doors.

- F. Casework in dormitory multi-use kitchens with ranges shall accommodate an integral hood with an Ansul type fire-suppression system. The components of the system (pulleys, canisters, pipes) shall be concealed within fixed access panels of the casework.

### 1.3 Design Requirements, Countertops:

- A. Plastic laminate shall not be used in moist areas; instead, a solid surface material (cast plastic, stone, stainless steel etc.) shall be used.
- B. All laminate substrates shall be plywood.
- C. Synthetic and cast plastic manufacturers shall be Avonite, Corian, Samsung, Wilsonart unless otherwise approved in writing by the Brown University Project Manager.
- D. Solid surfacing shall be used for counters at recycling stations. Coordinate cutouts with recycling countertop detail ie: glass/metal/etc. Discuss integral labeling with Brown Project Manager.
- E. Manufactured or natural stone countertops are permissible.
- F. Backsplash shall be a minimum of 4 inches. Integral backsplash or shop chemical welding shall be required in damp areas.

END OF SECTION