



Design Standard Casework

Purpose:

This design standard has the purpose of creating a consistent installation of casework throughout the South San Francisco Unified School District therefore achieving a standard of aesthetic quality, maintenance and performance throughout all renovation and new building projects.

Design Standard:

Architectural Woodwork/ Casework

- Furnish a Woodwork Institute (WI) certified compliance label on each cabinet elevation.
- Casework finish to be maple patterned plastic laminate, or match existing casework in room where occurs.
- Casework shall be Manual of Millwork Construction, Custom Grade, Style A (Frameless), Type I or Type II.
- Door and Drawer pulls shall be DSA compliant. Include door silencers at the top and bottom of all doors.
- Core material for plastic laminates: 45# density particleboard, medium density fiberboard.
- Plastic laminate edge treatment: 3 millimeter solid PVC edging. Provide Bull nose at countertops.
- Classroom sink locations (excluding Science Lab casework): Provide fully formed, no edge drip, rolled counter tops over marine grade plywood.
- Science Lab Casework: Custom Grade with Epoxy resin tops, Solid phenolic resin tops, or Chemical resistant laminate tops.
- Science Room Casework: Custom Grade with solid surface tops.
- Kitchen Casework: Custom Grade with fully formed rolled counter tops over marine grade plywood.



South San Francisco Unified School District



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- Library Casework: Premium Grade; open casework is to be treated as “all exposed surfaces”.
- Art Rooms: Custom Grade with solid surface laminate tops or phenolic resin tops. (It is acceptable to install plastic laminate tops at this location if they are installed over marine grade plywood.)

Shelves

- 14 inches deep minimum; (measured front of shelf to back of shelf). Blocking is not to intrude into this space.
- Construction for shelves up to 36” long: 3/4 inch veneer core plywood.
- Construction for shelves from 36” to 48” long: 1” veneer core plywood with a 1 inch x 3/4-inch front rail.

Approved Manufacturers

- Shelf Standards- Knap & Vogt No. 255 recessed standard with KV 256 shelf support, or approved.
- Casework Hinges- Grade I, 2-1/2” RPC, 5 knuckle institutional wrap-around hinge: Stanley Hardware or approved equal.
- Casework Drawer Slides-
 - o Pencil and thin drawers- Accuride Model 2006, or approved
 - o Standard Drawers: Accuride Model 3832SC for drawers up to 16” wide. Accuride Model 7432 for drawers up to 24” wide, or approved.
 - o File Drawers: Accuride Model 4034 Full Extension, or approved.
- Casework Locks- Drawer and Cabinet Locks: CompX/ National Cabinet Lock, with Cabinets: C8173, C8174, or C8175 and Drawers: C8177, C8178 or C8179. Show locations on architectural drawings. Keyed alike in each classroom.

Substitutes Allowed?

- Yes, if performance and quality equivalency can be evidenced.

Associated Design Standards

- Woodwork Institute, Manual of Woodwork, Latest Edition.

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