

STATE UNIVERSITY CONSTRUCTION FUND

PROGRAM DIRECTIVES

DIRECTIVE 8-1

Issue Date: September 2012

DOOR HARDWARE

1. Locks and Keying Systems: The Campus must be consulted during the design regarding their needs and preferences for keying, access control and other hardware required by the work.
2. Exterior Doors – See SUCF directive 8-3 for main entrance doors.
 - a. All exterior doors shall be fitted with locks that are convertible to the existing Campus Grand Master System by the changing of lock cylinders by the Campus after the building is accepted.
 - b. Mortise lock sets shall be specified unless panic hardware is required. They shall be heavy duty type.
 - c. Provide power operated ADA access control at all accessible entrances—coordinate with Campus on the preferred location and style of ADA access control features.
 - d. Thresholds of bronze or stainless steel are recommended for all doors, shall be thermally broken and shall not exceed 1/2" in height.
 - e. Hardware for the door of exit stairs at roof level shall be provided allowing free entry (unlocked) from the roof to the stairs. The door operation shall be monitored (local alarm or centrally reported) according to the Campus preference.
3. Interior Functions
 - a. Each building is to have a separate master key system for the control of interior functions.
 - b. Interior doors may be fitted with heavy duty mortise lock sets, heavy duty cylindrical lock sets, or other type preferred by the Campus.
 - c. Coordinate the need for cylinders at locations other than door lock sets, such as dogging of panic bars, access doors to mechanical chases, etc.

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4. General
 - a. Cylinders shall match the campus standard type(s). The hardware manufacturer shall deliver master cylinders and keys directly to the Campus locksmith by registered mail with return receipt requested.
 - b. During construction, the cylinders shall be operated by a Construction master key system. Immediately prior to occupancy, the cylinders shall be converted to the permanent building key system by the Campus.
 - c. Coordination with local fire department is required to determine the fire departments requirements for keys to be supplied in the exterior fire department box (Knox box)
5. Door Butts shall be properly sized and spaced for the type, width and weight of door. Permanently furnished door butts, plated or factory coated, are to be used on all Fund projects. Painted door butts must not be used. Number, size and type of hinge shall be standard and readily available in the local market. Continuous hinges shall be used in all high traffic areas and all exterior doors.
6. The selection of hardware must match fire labels. For example, armor plating shall not be used on fire-rated doors unless such plating is consistent with the plating covered by the specific UL test for the rated door assembly. It may be appropriate to obtain a specific statement from the door manufacturer during the shop drawing approval process stating they have reviewed the scheduled hardware and its installation in their doors will not void the labels
7. Electric Hardware: Special attention must be given, prior to bidding, to coordinate specified electric hardware with the Campus access control system and their security vendor, if any; however, for proprietary items see Directive 1C-2. Provide a wiring diagram of the campus standard power and control methods.
8. Panic Hardware: Locations shall be in accordance with the applicable Codes of New York State (see Directive 1B-1). Dogging may be controlled by cylinder and key where permitted by Code.
9. Hardware Finish: Provide hardware finishes that match the Campus standard, unless otherwise approved by the Fund.
10. Lever type handles shall be used throughout – style to be approved by Campus or match Campus standard.

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11. Lined or RF shielded hardware shall match the room protection requirements. See SUCF directive 8-2 doors and frames.

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