

Door and Hardware notes:

In general, most of the doors being affected are existing stile and rail wood doors. Special attention must be paid by the installer of the hardware to insure proper installation and operation of the door unit.

1. Existing doors and frames: Remove existing hardware being replaced, tag and return to Smith College. Field modify and prepare existing doors and frames for new hardware being installed. Installer to provide necessary fillers, Dutchmen, reinforcements and fasteners for mounting new hardware and to cover existing door and frame preps. Raceways for low voltage wires will have to be made in the existing doors. Material being reused may have to be removed, remounted and adjusted as required.

2. Hardware supplier shall be responsible for a site survey to confirm finishes, door sizes, door thickness and swings. Hardware shall be detailed and supplied accordingly.

3. All cylinders must be provided with the hardware, including cylinder dogging cylinders. Keying of cylinders must be coordinated with Smith College. Master Ring cylinders are required on mortise locks as shown.

4. The narrative for doors with automatic operators is as follows:

Entry from exterior with card swipe: Latch or electric strike will release allowing the door to be pushed or pulled open. The card will also authorize the momentary release of the exterior push button allowing the user to push the button activating the door operator thereby opening the door.

Egress will always be allowed. Interior push button will release the latch or the electric strike and activate the automatic door operator thereby opening the door. Manual operation of panic device or lockset will always be allowed. Request to exit switch will send signal as required for monitoring.

5. Some openings have existing automatic operators which will have to be integrated with the new hardware to make it function as described in the narrative. Most of these already have an interior push button and need a new push button on the exterior. The hardware groups indicate where automatic operators are being reused.

6. All hardware for doors with card access should have “request to exit” signaling built in to the unit.

7. For the most part existing doors will be existing to remain. However, some openings will need doors replaced due to condition or need. **The contractor shall carry an allowance of \$15,000 in their bid for the replacement of entry doors in this project.**