A. **Access Control:** All exterior entrance doorways shall be provided with electrical conduit for security access control including sensors, latches, locksets and controls.

B. **Exterior Entrances:** Primary entrance doors shall be swing doors.
   The doors shall have the following features:
   1. A door hold-open device.
   2. The door must be able to be unlocked and locked opened with a cylinder key.

C. **Accessible Entrances:** At least one main entry door set shall be ADA accessible. In addition to the features in item B above, the ADA doors shall add the following features:
   1. Doors shall be installed by American Association of Automatic Door Manufacturers (AAADM) certified installers.
   2. Doors shall be operated by radio controlled push button actuators in the 433 MHZ frequency range.
   3. Electrical power to doors shall be connected to the emergency power system. Doors shall remain operable during power outages.
   4. Provide Gyro Tech GT710 door operator or equivalent. In order to be considered for acceptance as an equivalent, door operators must have the following minimum features:
      a. Hardened steel gears shall be used in the drive train. No plastic or nylon gears accepted.
      b. Hydraulic back check, operable whether door is opened manually or automatically.
      c. Door close speed and back check adjustable without removing cover.

D. **Exterior Double Doors:** Exterior double doors shall have cylinder key removable center mullions, only where needed. All other double doors shall have permanent mullions.
08 51 00 METAL WINDOWS

A. Maintenance: All windows to be accessible for cleaning and glazing replacement in a simple manner.

08 70 00 HARDWARE, LOCKS & KEYS

A. General: The University has a master key system on campus. All locks shall be Grade One. Any lockset, passage set, or exit device shall meet ADA specifications. Any lever is to have a full return at the end of the handle. The style shall match Schlage Sparta or Rhoads.

B. Locks: All locks shall be provided with construction cylinders that are Schlage Everest cylinders, zero bitted.

1. For any project, there shall be six percent (6%) extra locks left on the job for maintenance. These locks shall be as follows with one minimum of each type:

   a. Two percent (2%) - Classroom function type (key to lock and unlock).

   b. Four percent (4%) - Entry function.

2. Remodels require hardware to match existing finish.

C. Extra Locks: Extra locks and keys shall be delivered to the FD&C office upon completion of the project. The Contractor shall verify quantities before delivery.

D. Additions: Where additions are built to existing buildings, the locks shall be of a matching type to be consistent with building master key.

E. Exit Devices: Exit devices must have dead latching feature. Install with sex-bolts or through bolts as required. These devices shall meet ADA specifications. Von Duprin 99 series or equivalent, shall be used. In addition provide overhead door restrictors included. Fire exit devices shall be used on fire-rated doors as required.

F. Keys: Door keys and cylinders shall be part of the contract.

1. Where exit devices are installed, the Contractor shall supply at least one (1) dogging or lockdown key with each exit device that is not fire rated.
2. All other keys for cabinets, lockers, panels, dogging, electrical operator, water valve and special purpose keys shall be identified and tagged. These shall be delivered to the Construction Coordinator at the time of final acceptance.

END OF SECTION