

080000 Openings

087000 Hardware

Door Hardware

Interior Doors

Finish color shall complement design or existing conditions.
Review lockset functions with end users.
JHFRE and occupants to coordinate access control (J-Card) locations.

Locks, Latches and Cylinders: "Best Access Systems" only.

45H Best mortise locks are preferred, if cylindrical locks are needed stay with the 9K Best lever locks.

Lever handles and thumb turns shall meet ADA standards.

Cylinders need to accept 7-pin interchangeable core small format.

Multi-stall restrooms shall have 40H deadbolt w/ egress only thumb turn.

Single use restrooms shall have keyed deadbolt with vacancy notification.

Lactation areas shall have hotel function electrified locks for J-Card access and thumb turn locks with vacancy notification.

Electrified locksets: "Best Access Systems" only.

Electrified locksets are preferred with J-Card access.

Electric strikes are acceptable with J-Card access where existing conditions prohibit electrified locksets.

Exit Devices: "Von Duprin, Inc." only.

Metal doors concealed vertical rods preferred over surface mount.

Wood doors surface mount rods preferred over concealed.

Fire Exit Devices shall be labelled and follow NFPA guidelines.

Hinges: "Stanley "preferred.

Butt hinges shall be full mortised and have removeable pins for interior doors and non-removeable pins for exterior out-swing doors.

Hinges for labeled doors shall follow NFPA guidelines.

Continuous hinges shall be used in heavy-duty and high traffic openings.

Automatic Flush Bolts and Coordinators:

Continuous coordinators across headers. Prime for field painting.

Standard strikes for top bolts.

Closers: "LCN Closers" preferred.

LCN 4010 Series is preferred for stairwells and exterior doors.

LCN 4040 Series is preferred for restrooms and high traffic areas.

Concealed closers are acceptable upon JHFRE review.

Field adjust forces to comply with ADA standards.

Coordinate with acoustical seals or weather stripping.

**Johns Hopkins University
Hardware Standards**

Architectural Door Trim:

Install kickplates at locations where custodial and moving carts are utilized, such as:

- Kitchenettes
- Restrooms
- Copy Rooms
- Work Rooms
- Custodial Rooms

Kickplates shall not be installed at office doors.

Push and Pull Plates shall be used at restroom doors.

Stops and Holders:

Floor stops are preferred.

Wall stops and overhead holders and stops are acceptable.

Silencers required where no stripping or seals are required.

Kick stops required on restrooms doors.

Kick stops are discouraged on all other spaces.

Electromagnetic door holders are required in fire rated assemblies and corridors.

Thresholds, Weather-stripping and Seals:

Smoke seals shall be installed as required.

Acoustic seals, automatic sweeps, and thresholds shall be specified at offices requiring acoustical separation.

Sliding Door Hardware:

Sliding doors are acceptable based on expected acoustical separation.

When recommending sliding doors to private or shared offices, consider specifying demountable partitions.

Locksets are at the discretion of department and per manufacturer selections.

Locksets need to accept small format interchangeable 7 pin core.

Magnetic Door Locks:

Magnetic door locks are discouraged. JHFRE and Jcard services shall evaluate the need for an exception.

Electric Power Transfers:

Required for electrified locksets, at J-Cards discretion.

Keying:

All keying goes through JHFRE's Lock Shop, No Exceptions.

JHFRE and occupants will schedule and keying meeting and identify a key coordinator for their department.

**Johns Hopkins University
Hardware Standards**

Exterior

See hardware guidelines for Interior doors above. JHFRE shall coordinate access control (J-Card) locations with Security and occupants. All exterior entrances should have the ability to be locked down remotely. Finish color for traditional solid wood doors shall be oil rubbed bronze. Finish color for storefront doors shall complement building interior finishes.

Automatic Door Operators: "Stanley" is preferred.

Where required, connect and coordinate with J-Card access. Provide hold-open switch. Consider locating exterior push-buttons on building. Install on bollard where building mount is prohibited. Caution sticker shall be adhered to door in a location close to entry/exit device. Narrow push-buttons are preferred and square are acceptable. Aluminum plate push-buttons in aluminum frame are preferred.

Access Control

J-Card access system only.

Locations requiring J-Card access:

- Exterior Doors (with the exception to storeroom function locks, for lock down purpose)
- Lactation area
- Telecommunications room
- Registrar-controlled classrooms, upon review

Card Key (J-Card)

J-Card Services installs the J-Card device.

Electrified locksets are preferred with J-Card access systems.

Electric strikes are acceptable with J-Card access systems where existing conditions prohibit electrified locksets.

Magnetic door locks are discouraged. JHFRE and J-Card services shall evaluate the need for an exception.

Keypad "Best Access Systems" only.

Keypads are discouraged.

JHFRE and occupant shall evaluate the need for an exception.

Window Hardware

For operable windows, the following shall be included:

- Sash locks
- Limiters
- Insect screens
- Sash handle