

## SECTION 08 71 00 - DOOR HARDWARE

### PART 1 - GENERAL

#### 1.1 SYSTEM PERFORMANCE REQUIREMENTS

##### A. Design Requirements

1. Provide Mortise and Rim Cylinders capable of accepting small format (7 pin) interchangeable cores.
  - a. Dull chromium (626) finish, unless otherwise specified and approved by the University Locksmith through the University Project Manager.
2. Consult with the University Locksmith, through the University Project Manager, regarding the various lock functions and keyway for each building.
3. Provide dull chromium (626) finish durable door stops, holders, flush bolts, etc.
4. Provide backing behind doorstops.
5. Provide quality weather stripping on all exterior doors.
6. Computer operated proximity card access systems are allowed. Coordinate design with the University Project Manager.
7. Provide electric strikes or electric locks where required. Use of electrified hinges must be approved by the University Project Manager. Refer to 28 13 00 – Access Control for additional information.
8. Provide manual lock-down capability via locking doors or manual key override to electronic lock systems at all buildings. Egress doors must maintain all required egress characteristics.
9. Concealed rods are not permitted.
10. Coordinate door hardware with security hardware requirements. Refer to Division 28 for additional information.
11. Coordinate all hardware and access control at the University of Colorado Denver with the University Locksmith.

##### B. Performance Requirements

1. Key interchangeable cores at factory.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

##### A. Acceptable Manufacturers:

1. Lock Sets:
  - a. University of Colorado Anschutz Medical Campus:
    - 1) Best 9K Series Heavy-Duty Lockset with 14D Lever Style Cylindrical Lever sets.
  - b. University of Colorado Denver:
    - 1) Schlage Falcon T Series with quantum lever 626 satin chrome finish and Schlage interchangeable everest B core
2. Automatic Door Opener:
  - a. Stanley Magic Door, Magic Swing Micro (preferred)
  - b. Dorma ED800
3. Closers:
  - a. LCN 4041
  - b. Norton 1600 Series at storefront applications
  - c. LCN Door Closer, 1460 Series Aluminum
4. Hinges:
  - a. Hager
  - b. Stanley – FBB179
  - c. Stanley – FBB168
5. Exit Device:

- a. Von Duprin (preferred)
- 6. Key Lock Box:
  - a. Knox Company, 3200 Series

## 2.2 MATERIALS

- A. Lock Sets:
  - 1. Lock Functions: Selected by the University locksmith through the University Project Manager. Stock numbers provided by the University Locksmith from acceptable manufactures.
- B. Door Guards:
  - 1. Kickplates: Stainless steel with 626 finish.
- C. Key Lock Box
  - 1. Recessed, heavy-duty, high-security key box with hinged door. No tamper alarm.
  - 2. Color: As determined by design team.
  - 3. Coordinate location with the University Fire and Life Safety Officer.
  - 4. Mounting Height: 5 feet above finished surface.

## PART 3 - EXECUTION (Not Applicable)

**END OF SECTION 08 71 00**