

SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Hardware schedule.
- B. Deliver keys to Owner.
- C. Fire-Resistance-Rated Assemblies: Provide products that comply with NFPA 80 and are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction for applications indicated. On exit devices provide label indicating "Fire Exit Hardware."

PART 2 - PRODUCTS

2.1 HARDWARE

- A. Manufacturers:
  - 1. Sargent 10 Series lock and latch sets, in design and finish to match existing.
- B. Hinges:
  - 1. Ball-bearing hinges for doors with closers and entry doors.
  - 2. Nonremovable hinge pins for exterior and public interior exposure.
  - 3. 3 hinges for 1-3/4-inch- thick doors 90 inches or less in height; 4 hinges for doors more than 90 inches in height.
- C. Locksets and Latchsets:
  - 1. BHMA A156.2, Series 4000, Grade 1 for bored locks and latches.
  - 2. BHMA A156.3, Grade 1 for exit devices.
  - 3. Lever handles on locksets and latchsets, match existing.
  - 4. Provide trim on exit devices matching locksets.
- D. Key locks to Owner's existing master-key system.
  - 1. Cylinders with six-pin tumblers and removable cores.
  - 2. Provide construction keying.
  - 3. Provide key control system, including cabinet.
- E. Closers:
  - 1. Mount closers on interior side (room side) of door opening. Provide regular-arm, parallel-arm, or top-jamb-mounted closers as necessary.
  - 2. Adjustable delayed opening (accessible to people with disabilities) feature on closers.

- F. Provide wall stops or floor stops for doors without closers.
- G. Provide hardware finishes as follows:
  - 1. Hinges: Matching finish of lockset/latchset.
  - 2. Locksets, Latchsets, and Exit Devices: Bright brass, clear coated;.
  - 3. Closers: Aluminum enamel.
  - 4. Other Hardware: Matching finish of lockset/latchset.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mount hardware in locations recommended by the Door and Hardware Institute unless otherwise indicated.

3.2 HARDWARE SCHEDULE

- A. See drawings for hardware schedule.

END OF SECTION 087100