

SECTION 087100

DOOR HARDWARE – (MECHANICAL LOCKSETS)

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Hardware for wood and hollow steel doors.
- B. Thresholds and weatherstripping.

1.2 SUBMITTALS

- A. Shop Drawings: Indicate locations and mounting heights of each type of hardware and electrical characteristics and connection requirements.
- B. Operating and Maintenance Instructions: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.

1.3 QUALITY ASSURANCE

- A. Perform Work in accordance with ANSI A117.1 - Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People.
- B. Hardware Supplier: Company specializing in supplying commercial door hardware with two years experience approved by manufacturer.

1.4 COORDINATION

- A. Coordinate work of this section with other directly affected sections requiring any integral reinforcement for door hardware.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Package hardware items individually. Label and identify package with door opening code to match schedule.
- B. Deliver keys to Owner by security shipment direct from hardware supplier.

1.6 MAINTENANCE

- A. Provide manufacturer's maintenance services on door closers for one year from Date of Substantial Completion.
- B. Provide special wrenches and tools applicable to each different or special hardware component.

PART 2 PRODUCTS

2.1 SUPPLIERS: Equal to those on the Hardware Schedule.

2.2 KEYING

- A. Door Locks: Master keyed.
- B. Supply 4 change keys for each lock and 8 master keys.
- C. Key Cabinet: Sheet steel construction, enameled finish, hinged door with key lock, internal hooks for 300 keys, identification labeling. Aristocrat by Telkee.

2.3 FINISHES

- A. Finishes are identified in Schedule at end of this Section.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify that doors and frames are ready to receive work and dimensions are as instructed by the manufacturer.
- B. Verify that electric power is available to power operated devices and of the correct characteristics.

3.2 INSTALLATION

- A. Install hardware in accordance with manufacturer's instructions.
- B. Use templates provided by hardware item manufacturer.

3.3 SCHEDULE

A. Set 1

Bedroom Door Type A (Bedroom Entrance Door)

Bedroom Nos.: 101-118, 201-222

Each Doorway to have:

Hinge: (3) Stanley FBB179 4 ½ x 4 ½ US26D

Closer: Norton 850/BRALUM

Lockset: Schlage Jupiter L9453

Stop: Stanley CD7090 US26D

Peep Hole: Baldwin No. 0155

Silencers: (3) Ives No. 20

B. Set 2

Apartment Door Type B (Bathrooms)

Apartment Nos: 101-118 & 201-222

Each Doorway to have:

Hinges: (3) Stanley FBB 179 4 ½ x 4 ½ US26D

Lockset: Schlage Jazz F40N (Privacy Set) US26D

Stop: Ives 069 US26D
Silencers: Ives 581 US26D

C. Set 3

Bedroom Door Types C (Sliding Closet Doors)
Bedroom Nos.: 101,108,109,110,117,118,201,209,210,213,221,222
Each Doorway to have:
Sliding Door Hardware: Stanley 405665
Sliding Door Pulls: (2) Ives No. 22 – US26D

D. Set 4

Apartment Door Type D (Bedroom)
Apartment Nos.: 101-118, 201-222
Each Doorway to have:
Hinges: (3) Stanley F179 3 ½ x 3 ½ US26D
Lockset: Schlage Jazz F40N (Privacy Set) US26D
Stop: Ives 069 US26D

E. Set 5

Door Nos.: B01,B20,106,148
Each Doorway to have:
Hinges: Door Manufacturer's Standard
Exit Device: Von Duprin 88L-07 US26D
Closer: Norton 8501 BF ALUM
Weatherstripping: Door Manufacturer's Standard
Sweep: Door Manufacturer's Standard
Threshold: Door Manufacturer's Standard

F. Set 6

Door Nos.: B02,B03,B04,B13,B15,102,103,104,143,146,202,203,204,205,226,227,228,230
Each Doorway to have:
Hinges: Door Manufacturer's Standard
Lockset: Schlage Jupiter AL80 PD US26D (Storeroom Function)
Closer: Norton 8501 BF ALUM with backcheck
Stop: Baldwin 4028 US26D

G. Set 7

Door No.: B05
Each Doorway to have:
Hinges: (6) Stanley FBB179 4 ½ x 4 ½ US26D
Lockset: Schlage Jupiter AL 80 PD US26D (Storeroom Function)
Flush Bolt: Ives FB32 US26D
Closer: Norton 8501 BF ALUM with backcheck
Silencers: (6) Ives No. 20 Rubber

H. Set 8

Door Nos.: B06, B12
Each Doorway to have:
Hinges: (6) Stanley FBB179 4 ½ x 4 ½ US26D
Exit Device: (2) Von Duprin 8827L-07 US26D
Closer: (2) Norton 8501 BF ALUM
Weatherstripping: Pemko 303 AV

Sweep: Pemko 315 SNN
Threshold: Pemko 253 X 3 AFG
Silencers: (3) Ives No. 20 Rubber

I. Set 9

Door Nos.: B07,B10,B10A,B16,108,124,125,126,208,210,211,212,215,219,222

Each Doorway to have:

Hinges: (3) Stanley F179 4 ½ x 4 ½ US26D
Lockset: Schlage Jupiter AL70 PD US26D (Classroom Function)
Closer: Norton 8501 BF ALUM with backcheck
Stop: Baldwin 4028 US26D
Silencers: (3) Ives No. 20 Rubber

J. Set 10

Door Nos.: B08,114,127,128,129,132,217

Each Doorway to have:

Hinges: (3) Stanley FBB179 4 ½ x 4 ½ US26D
Lockset: Schlage Jupiter AL 50 PD US26D (Office Function)
Stop: Ives WS406 CCV US26D
Silencers: (6) Ives No. 20 Rubber

K. Set 11

Door Nos.: B11,138,139,220,221,229

Each Doorway to have:

Hinges: (3) Stanley F179 4 ½ x 4 ½ US26D
Lockset: Schlage L9486XL583-370-07 Lever – US26D (Privacy Function with Occupancy Indicator)
Closer: Norton 8501 BF ALUM
Stop: Ives WS102 CXV US26D
Hook: Ives 581 US26D
Silencers: (3) Ives No. 20

L. Set 12

Door No.: B14

Each Doorway to have:

Hinges: (3) Stanley F179 4 ½ x 4 ½ US26D
Lockset: Schlage Jupiter AL80 PD US26D (Storeroom Function)
Closer: Norton 8501 BF ALUM with backcheck
Stop: Baldwin 4028 US26D
Silencers: (3) Ives No. 20 Rubber

M. Set 13

Door Nos.: B17,B18,131,214

Each Doorway to have:

Hinges: (3) Stanley F179 4 ½ x 4 ½ US26D
Lockset: Schlage L9486XL583-370-07 Lever – US26D (Privacy Function with Occupancy Indicator)
Stop: Baldwin 4276 US26D
Hook: Baldwin 0783 US26D
Silencers: (3) Ives No. 20

N. Set 14

Door No.: B19

Each Doorway to have:

Hinges: Door Manufacturer's Standard

Lockset: Schlage Jupiter AI 70 PD US26D (Classroom Function)

Closer: Norton 8501 BF ALUM

Weatherstripping: Door Manufacturer's Standard

Threshold: Handicap Type – by Door Manufacturer

O. Set 15

Door Nos.: 101,105,140,142,147,201,206,222,225,231

Each Doorway to have:

Hinges: (3) Stanley FBB179 4 ½ x 4 ½ US26D

Exit Device: Von Duprin 88L-07-US26D

Closer: Norton 8501 BF ALUM with backcheck

Silencers: (6) Ives No. 20 Rubber

Stop: Baldwin 4028 US26D

P. Set 16

Door Nos.: 107,141,207,224

Each Doorway to have:

Hinges: (6) Stanley F179 4 ½ x 4 ½ US3

Exit Device: (2) Von Duprin 8827L-07 Lever – US26D

Closer: (2) Norton 8501 BF GB

Stop: Baldwin 4028 US3

Mag Hold: By FA Contractor

Q. Set 17

Door Nos. 109,113,115,116,121,122,130,135,136,209

Each Doorway to have:

Hinges: (3) Stanley 179 4 ½ x 4 ½ US26D

Lockset: Schlage Jupiter AL70 PD US26D (Classroom Function)

Stop: Baldwin 4028 US26D

Silencers: (3) Ives No. 20 Rubber

R. Set 18

Door Nos.: 110,123

Each Doorway to have:

Hinges: (6) Stanley F179 4 ½ x 4 ½ US3

Exit Device: (2) Von Duprin 8827L-07 Lever – US26D (Classroom Function)

Closer: (2) Norton 8501 BF GB

Stop: Baldwin 4028 US3

Mag Hold: By FA Contractor

S. Set 19

Door Nos.: 111,112

Each Doorway to have:

Hinges: (3) Stanley FBB179 4 ½ x 4 ½ US26D

Deadbolt: Schlage B 460P with thumb turn US26D

Pull Plate: Baldwin 2365 US26D

Push Plate: (1) Baldwin 2103 US26D

Closer: Norton 8501 BF AL with holdopen

Silencers: (3) Ives No. 20

T. Set 20

Door Nos.: 117,119,120

Each Doorway to have:

Hinges: Manufacturer's Standard Offset Pivot - #14 Clear Anodized

Exit Device: (2) Von Duprin 88L-07 US26D (Classroom Function)

Closer: Norton 8501 BF AL with backcheck

Weatherstripping: Manufacturer's Standard

Sweep: Manufacturer's Standard

Threshold: Manufacturer's Standard

U. Set 21

Door No.: 118

Each Doorway to have:

Hinges: Manufacturer's Standard Offset Pivot - #14 Clear Anodized

Push Bar: Manufacturer's Standard

Pull Bar: Manufacturer's Standard

Closer: Norton 8501 BF AL with backcheck

V. Set 22

Door Nos.: 133,134,137,144,145

Each Doorway to have:

Hinges: (3) Stanley FBB179 4 ½ x 4 ½ US26D

Lockset: Schlage Jupiter AL 50 PD US26D (Office Function)

Closer: Norton 8501 BF ALUM with backcheck

Silencers: (3) Ives No. 20 Rubber

END OF SECTION