

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 01 74 19 – Construction/Demolition Waste Management And Disposal
- .2 Section 01 61 00 – Common Product Requirements
- .3 Section 01 78 00 – Closeout Submittals
- .4 Section 06 40 00 – Architectural Woodwork: hardware for woodwork doors
- .5 Section 08 11 14 – Metal Doors
- .6 Section 08 14 10 – Flush Wood Doors
- .7 Section 08 50 50 – Windows: hardware for operable sash.
- .8 Section 26 - Electrical: electrical wiring for electric door strikes, and door contacts.

1.2 COORDINATION

- .1 Electrical service coordination meetings:
 - .1 During performance of Work, set up times for meetings to initiate coordination of services for electrically activated hardware devices. Such meetings are intended to allow trades involved in installing electrically activated hardware devices, to coordinate electrical and fire alarm service requirements.
 - .2 Coordinate electrical and fire alarm service requirements for electrically activated hardware devices.

1.3 SUBMITTALS

- .1 Submit product data, hardware list, manufacturer's instructions and keying schedule in accordance with Section 01 33 00.
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheets.
- .3 Hardware List:
 - .1 Submit contract hardware list.
 - .2 Indicate specified hardware, including make, model, material, function, size, finish and other pertinent information.
- .4 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.

.5 Keying schedule:

- .1 In consultation with Departmental Representative, prepare and submit a keying schedule for review and acceptance.

1.4 CLOSEOUT SUBMITTALS

- .1 Provide operation and maintenance data for door closers, locksets, and electrified strikes for incorporation into manual specified in Section 01 78 00.

1.5 DELIVERY, STORAGE, AND HANDLING

.1 Packing, Shipping, Handling and Unloading:

- .1 Deliver, store, handle and protect materials in accordance with Section 01 61 00.

.2 Storage and Protection:

- .1 Store finishing hardware in locked, clean and dry area.

1.6 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 19.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, and other packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.

Part 2 Products

2.1 DOOR HARDWARE

- .1 Refer to Hardware Schedule at end of this Section for types and quantities of door hardware required. All hardware is to match existing.

2.2 FASTENINGS

- .1 Use only fasteners provided by manufacturer. Failure to comply may void warranties and applicable licensed labels.
- .2 Supply screws, bolts, expansion shields and other fastening devices required for satisfactory installation and operation of hardware.
- .3 Exposed fastening devices to match finish of hardware.
- .4 Use fasteners compatible with material through which they pass.

2.3 KEYING

- .1 Key locksets and deadlocks to match existing keying system. Prepare detailed keying schedule in conjunction with Departmental Representative.

- .2 Provide keys in duplicate for every lock.
- .3 Stamp keying code numbers on keys and cylinders.
- .4 Provide all permanent cores and keys to Departmental Representative.

Part 3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.
- .2 Furnish metal door and frame manufacturers with complete instructions and templates for preparation of their work to receive hardware.
- .3 Furnish manufacturers' instructions for proper installation of each hardware component.

3.2 INSTALLATION

- .1 Do not install any door hardware, except for hinges and butts, until all painting work is complete, and doors and door frames have been completely painted. Do not install hinges and butts until doors and frames have received prime coat and first finish coat.
- .2 Use only manufacturer's supplied fasteners. Failure to comply may void manufacturer's warranties and applicable licensed labels. Use of "quick" type fasteners, unless specifically supplied by manufacturer, is unacceptable.
- .3 Remove construction cores when directed by Departmental Representative. Install permanent cores and check operation of locks.

3.3 ADJUSTING

- .1 Adjust door hardware, operators, closures and controls for optimum, smooth operating condition, safety and for weather tight closure.
- .2 Lubricate hardware, operating equipment and other moving parts.
- .3 Adjust door hardware to provide tight fit at contact points with frames.

3.4 CLEANING

- .1 Perform cleaning after installation to remove construction and accumulated environmental dirt.
- .2 Clean hardware with damp rag and approved non-abrasive cleaner, and polish hardware in accordance with manufacturer's instructions.
- .3 Remove protective material from hardware items if present.

- .4 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

3.5 **HARDWARE SCHEDULE**

- .1 Doors to Bedroom 1, 2, 3 and 4; wood door with metal frame; for each door:

2	only Butts	AB700 114 x 101	652
1	Spring Hinge	1250 114 x 101	652
1	Lockset	ND53PD x RHODES x MK	626
1	Deadlock	B664P x MK	626
1	Wall Stop	S120 x WS/LS	626
1	Door Seal	W-21 1/DW x 2/DH	WHT
1	Auto Dr. Bottom	CT-50 x DW	689

- .2 Doors to exterior; metal doors and frames; for each door:

3	only Butts	AB850 114 x 101 x NRP	630
1	Lockset	L9485 x 06 x KA1	626
2	Medeco Cylinders	10-0200 x MK	626
1	Door Closer	4040 CUSH	689
1	Electric Strike	1006 x N-2 x 24 VDC	630
1	Power Supply By Electrical		
1	Door Position Switch By Electrical		
1	Weatherstrip	W-16S 1/DW x 2/DH	689
1	Door Sweeps	W-24S x DW	689
1	Threshold	CT-75 x DW	689

Lockset to have cylinder hole drilled on the inside.

Mode of Operation: electric strike released from guard station.

END OF SECTION