

Door Hardware

SUMMARY

This Section includes items known commercially as finish or door hardware that are required for swing, sliding and folding doors, except special types of unique hardware specified in the same sections as the doors and door frames on which they are installed. Stanley Hardware is Basis of Design. Substitutions are allowed at Owner's discretion.

This Section includes but not limited to the following:

- Hinges.
- Pivots.
- Spring hinges.
- Key control system.
- Lock cylinders and keys.
- Lock and latch sets.
- Boils.
- Exit devices.
- Push/pull units.
- Closers.
- Overhead holders.
- Miscellaneous door control devices.
- Door trim units.
- Protection plates.
- Weatherstripping for exterior doors.
- Sound stripping for interior doors.
- Automatic drop seals (door bottoms).
- Astragals or meeting seals on pairs of doors.
- Thresholds.

INTENT

The major intent of the work of this section is to provide hardware for every door in the project, except as indicated, so that each door functions correctly for its intended use. Provide only hardware that complies with applicable codes and requirements or authorities having jurisdiction including requirements for barrier-free accessibility.

SUBMITTALS

Product data including manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.

Final hardware schedule coordinated with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

Final Hardware Schedule Content: Based on hardware indicated, organize schedule into "hardware sets" indicating complete designations of every item required for each door or opening. Include the following information:

- Type, style, function size, and finish of each hardware item.
- Name and manufacturer of each item.
- Fastenings and other pertinent information.
- Location of each hardware set cross referenced to indications on Drawings both on floor plans and in door and frame schedule.
- Explanation of all abbreviations, symbols, and codes contained in schedule.
- Mounting locations for hardware.
- Door and frame sizes and materials.
- Keying information.

Submittal Sequence: Submit final schedule at earliest possible date particularly where acceptance of hardware schedule must precede fabrication of other work that is critical in the Project construction schedule. Include with schedule the product, data, samples, shop drawings of other work affected by door hardware, and other information essential to the coordinated review of schedule.

Keying Schedule: Submit separate detailed schedule indicating clearly how the Owner's final instructions on keying of locks has been fulfilled.

Templates for doors, frames, and other work specified to be factory prepared for the installation of door hardware. Check shop drawings of other work to confirm that adequate provisions are made for locating and installing door hardware.

Single Source Responsibility: Obtain each type of hardware (latch and lock sets, hinges, closers, etc.) from a single manufacturer.

Fire Rated Openings: Provide door hardware for fire rated openings that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by UL, Warnock Hersey, FM, or other testing and inspecting organization acceptable to authorities having jurisdiction for use on types and sizes of doors indicated in compliance with requirements of the rated door and door frame labels.

Opening	Hardware Set
Common Areas	
1000a	02
1000b	02
1000c	02
1000d	02
1000e	02
1001	09
1002	09
1003	03
1004	05
1005a	03
1005b	03
1006a	08
1006b	08
2001	01
2002	01
2003	06
2004	05
2005	04
3001	01
3002	01
4001	01
4002	01
5001	01
5002	01
6001	01
6002	01
7001	01
7002	01
7003	07
8001	01
8002	01
8003	07

CONDITIONALLY APPROVED
SAF-Ebuild

City of Portland

D.A. Mactoxy, P.E.

8414519 / 15433 3/16/18

SET #01 - GARAGE STAIRWELL SINGLE

3 Hinges	CB199 SERIES AS SPECIFIED	US32D
1 Exit Device	FL 2114 X 4914A	630
1 Door Closer	QDC111 BF R	689
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Door Stop	1211/1270WV AS REQUIRED	630
1 Smoke Seal	5020CL (HEAD & JAMBS)	
1 Door Sweep	200 NA	
1 Handicap Threshold	513	AL

SET #02 - EXTERIOR SINGLE - RETAIL ENTRY

1 Continuous Hinge	661HDD UL	AL
1 Exit Device	2403 X C03 CD	630
1 Mortise Cylinder	AS REQUIRED	626
1 Rim Cylinder	AS REQUIRED	626
1 Offset Pull	1191-3	630
1 Door Closer	QDC115 BF R	689
1 Overhead Stop	CONCEALED HEAVY DUTY 1000 SERIES	630
1 Perimeter Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY	
1 Handicap Threshold	513	AL

SET #03 - EXTERIOR - BIKE STORAGE SINGLE WITH CARD READER

3 Hinges	CB199 NRP SERIES AS SPECIFIED	US32D
1 Storeroom Lock	QMS170 E	626
1 Electric Strike	ES5 A S	630
1 Door Closer	QDC113 BF R	689
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Door Position Switch	PROVIDED/SPECIFIED BY SECURITY VENDOR	
1 Card Reader	PROVIDED/SPECIFIED BY SECURITY VENDOR	
1 Power Supply	800031H	630
1 Gasketing	706E (HEAD & JAMBS)	
1 Door Sweep	C627 A	
1 Handicap Threshold	513	AL

NOTE: NOTE: ALL WIRING AND CONNECTIONS BY ELECTRICAL DRAWINGS AND SPECIFICATIONS.

OPERATIONAL DESCRIPTION:
IMMEDIATE EGRESS ALWAYS ALLOWED. ACCESS BY KEY OR BY CARD READER. CARD READER WILL RELEASE ELECTRIC STRIKE AND ALLOW ACCESS. DOOR CONTACT TO BE CONNECTED TO BUILDING'S SECURITY SYSTEM.

SET #04 - INTERIOR - STORAGE SINGLE - INSWING

3 Hinges	CB179 SERIES AS SPECIFIED	US26D
1 Storeroom Lock	QMS170 E	626
1 Door Closer	QDC111 BF R	689
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Door Stop	1211/1270WV AS REQUIRED	630
1 Smoke Seal	5020CL (HEAD & JAMBS)	

SET #05 - SINGLE WITH PRIVACY SET - INSWING

3 Hinges	CB179 SERIES AS SPECIFIED	US26D
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Door Stop	1211/1270WV AS REQUIRED	630
3 Door Silencers	1229A	

SET #06 - PARKING OFFICE SINGLE - INSWING

3 Hinges	CB191 SERIES AS SPECIFIED	US32D
1 Office Lock	QMS150 E	626
1 Door Closer	QDC111 BF R	689
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Door Stop	1211/1270WV AS REQUIRED	630
3 Door Silencers	1229A	GREY

SET #07 - ELEVATOR MACHINE ROOM - OUTSWING

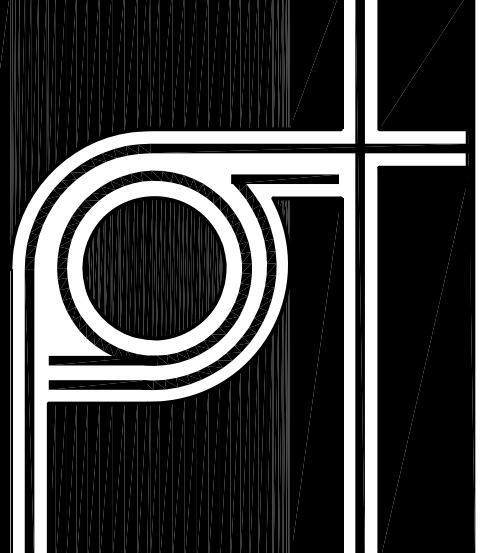
3 Hinges	CB191 NRP SERIES AS SPECIFIED	US32D
1 Storeroom Lock	QMS170 E	626
1 Door Closer	QDC113 BF R	689
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Smoke Seal	5020CL (HEAD & JAMBS)	

SET #08 - EXTERIOR AT WATER SERVICE ROOM

3 Hinges	CB199 SERIES AS SPECIFIED	US32D
1 Storeroom Lock	QMS170 E	626
1 Door Closer	QDC111 BF R	689
1 Kick Plate	K0050 8" X 2" LDW B4E CSK	630
1 Door Stop	1211/1270WV AS REQUIRED	630
1 Gasketing	706E (HEAD & JAMBS)	
1 Door Sweep	200 NA	
1 Handicap Threshold	513	AL

SET #09 - EXTERIOR PAIR AT STAIRWELL - LEVEL 1

2 Continuous Hinge	661HDD UL	AL
2 Exit Device	2603 X C03 CD	630
2 Mortise Cylinder	AS REQUIRED	626
2 Rim Cylinder	AS REQUIRED	626
2 Offset Pull	1191-3	630
2 Door Closer	QDC115 BF R	689
2 Overhead Stop	CONCEALED HEAVY DUTY 1000 SERIES	630
1 Perimeter Seals	INTEGRAL TO DOOR/FRAME ASSEMBLY	
1 Handicap Threshold	513	AL



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midtown Portland

Somerset Street
Elm Street
Portland, ME

Building 2
Door Hardware
Schedule

Structural Engineer
Becker Engineering
MEP Engineer
McCabe & Associates
FP Engineer
McCabe & Associates

SCALE:
ISSUED / DRAWN BY
June 2, 2016
REVIS/ED / REVIS/ED BY
March 22, 2018

JOB NO.: 15001
SHEET NUMBER

A-6.2

Permit Set