

SECTION 08 10 00 – Doors & Frames

Document revision history: 08/2019 – Original Publication

Date	Section	Description of Change
4/22/2021	08 1000 1.1.b	Added information pertaining to door hardware finishes at historic buildings.

PART 1 – GENERAL**1.1 Summary**

- a. Design teams will be notified at the start of a project as to whether or not the building and/or the scope qualifies as 'historic' and is exempt of any following items.
- b. For more information regarding historic building rankings, refer to the UO Summary Table of Historic Rankings and Designations: https://cpfm.uoregon.edu/sites/cpfm2.uoregon.edu/files/histallindex_11-18-20151_o.pdf. All primary and secondary ranked buildings qualify as 'historic'.

1.2 Submittals

- a. Any item that requires special tools and/or test equipment must be approved through UO Substitution Request prior to specification and/or installation.

1.3 Qualifications

- a. Not applicable.

PART 2 – PRODUCTS**2.1 Materials**

- a. Aluminum doors are to be pivoting type only.
- b. Door cores shall be lumber, Agrifiber-Plastic, or wood composite; non-formaldehyde only products.
- c. No vinyl doors.
- d. No plastic doors.
- e. No proprietary door or window systems are allowed regardless of extended warranties that may be offered.

PART 3 – EXECUTION**3.1 Installation**

- a. Doors from frequently used spaces (not closets) with full swing into circulation require a visual warning; type and/or method will be determined by the project.

3.2 Interface with other products

- a. See also Division 06 – Wood, Plastics, & Composites.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.

SECTION 08 30 00 – Specialty Doors & Frames

Document revision history: 08/2019 – Original Publication

Date	Section	Description of Change

PART 1 – GENERAL

1.1 Summary

- a. Design teams will be notified at the start of a project as to whether or not the building and/or the scope qualifies as 'historic' and is exempt of any following item(s).

1.2 Submittals

- a. Any item that requires special tools and/or test equipment must be approved through UO Substitution Request prior to specification and/or installation.
- b. Revolving entrance doors require approval through UO Substitution Request.
- c. All access door access keys that vary from the below standard shall be approved through a UO Substitution Request.

1.3 Qualifications

- a. Not applicable.

PART 2 – PRODUCTS

2.1 Materials

- a. No automatic sliding entrance doors; like those at grocery stores.
- b. Revolving entrance doors require approval through UO Substitution Request.
- c. Access Doors and Access Panels:
 - Utility risers must be provided with a 'man door' (ex: 3ft x 7ft). Access panels are not allowed for riser access.
 - Access for entry of maintenance personnel must be a minimum of 24"x 30".
 - Valve access must be a minimum of 12"x 12"; 16"x 16" is preferred.
 - Access to shut-offs must be labeled as such, 'Emergency X Shut-Off'.
 - No plastic access doors and/or panels.
 - For all system components requiring maintenance panel size must be sufficient to repair the equipment.
 - No key access unless requested by CPFM or required by code.
 - Access must be possible by hand-actuated quarter turn hardware; removal of multiple screws is not acceptable.
 - The following are example images of acceptable access methods.



- d. Security screens on tracks require prior FS Lock & Door and FS approval.
- e. No smoke control doors are allowed.

PART 3 – EXECUTION**3.1 Installation**

- a. Doors from frequently used spaces (not closets) with full swing into circulation require a visual warning; type and/or method will be determined by the project.

3.2 Interface with other products

- a. See also Division 06 – Wood, Plastics, & Composites.
- b. For Access Door and Panel coordination requirements, see mechanical, electrical, plumbing, etc. requirements in following Divisions.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.

SECTION 08 40 00 – Entrances, Storefronts & Curtain walls

Document revision history: 08/2019 – Original Publication

Date	Section	Description of Change

PART 1 – GENERAL**1.1 Summary**

- a. Design teams will be notified at the start of a project as to whether or not the building and/or the scope qualifies as 'historic' and is exempt of any following items.

1.2 Submittals

- a. Any item that requires special tools and/or test equipment must be approved through UO Substitution Request prior to specification and/or installation.

1.3 Qualifications

- a. Not applicable.

PART 2 – PRODUCTS**2.1 Materials**

- a. Window screens are to be removable and maintainable from the interior of the building.
- b. No automatic sliding entrance doors; like those at grocery stores.
- c. Revolving entrance doors require approval through UO Substitution Request.

PART 3 – EXECUTION**3.1 Installation**

- a. Doors from frequently used spaces (not closets) with full swing into circulation require a visual warning; type and/or method will be determined by the project.

3.2 Interface with other products

- a. See also Division 06 – Wood, Plastics, & Composites.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.

SECTION o8 60 00 – Roof Windows & Skylights

Document revision history: o8/2019 – Original Publication

Date	Section	Description of Change

PART 1 – GENERAL

1.1 Summary

- a. Design teams will be notified at the start of a project as to whether or not the building and/or the scope qualifies as 'historic' and is exempt of any following items.

1.2 Submittals

- a. Any item that requires special tools and/or test equipment must be approved through UO Substitution Request prior to specification and/or installation.

1.3 Qualifications

- a. Skylights must meet OSHA fall-protection requirements.

PART 2 – PRODUCTS

2.1 Materials

- a. 1-piece and gasketed skylight assemblies only.

PART 3 – EXECUTION

3.1 Installation

- a. Not applicable.

3.2 Interface with other products

- a. See also Division o6 – Wood, Plastics, & Composites.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.

SECTION 08 70 00 – Hardware

Document revision history: 08/2019 – Original Publication

Date	Section	Description of Change
4/22/2021	1.2.b	Added information pertaining to door hardware finishes at historic buildings.
7/21/21	2.1.i	Updated table of products.
10/07/21	2.1.i	Updated cabinet locks.

PART 1 – GENERAL**1.1 Summary**

- a. Design teams will be notified at the start of a project as to whether or not the building and/or the scope qualifies as ‘historic’ and is exempt of any following item(s).

1.2 Submittals

- a. Any item that requires special tools and/or test equipment must be approved through UO Substitution Request prior to specification and/or installation.
- b. All of the following require approval through UO Substitution Request
 - Finishes matching existing/historic conditions. For buildings with historic significance, all exterior hardware proposed for publicly viewed areas on campus require Campus Planning review and approval. The hardware finish should align with historic preservation requirements. Therefore, an alternative finish, such as bronze, is a commonly acceptable option.
 - Special use items such as high security lock/alarm systems.
 - Decorative trims for specific design features.
 - Specialty lock and alarms include Locknetic locks, Simplex locks, Detex alarms (except for exterior fire exit doors), and stand-alone card access systems.
- c. Preliminary hardware schedules are to be prepared, by the Architect & Ingersoll-Rand Co., and then submitted to FS Lock & Door for review and approval within a minimum of 30 days prior to completion of final Contract Documents.

1.3 Qualifications

- a. The FS Lock & Door shop at the University of Oregon requests that all architectural firms please contact I.R.Technologies for the purpose of developing those schedules. Rick Jermain and Joe Cross both have many years of experience in the hardware field and will serve the campus well. Please contact them at 1-360-546-2613 or by email at joe_cross@irco.com or rick_jermain@irco.com.

PART 2 – PRODUCTS**2.1 Materials**

- a. Aluminum storefront doors are to have Rixon 180 top, 195 bottom and Mig intermediate offset pivot hinges, VD exit devices and LCN closers, NOT factory standards. Other hardware may be factory standard.
- b. A minimum of one building entry requires a power door operator.
- c. Finishes shall be 626 Satin Chrome.
- d. Magnetic holders must be tied into the fire alarm system.
- e. No narrow style hardware is allowed; medium or wide styles only.
- f. Oversized doors are to use wide-style hardware only.

- g. No electrified panic devices.
- h. Mullions with electric strikes allowed only with access control systems.
- i. Items listed in the following table are:
- FS Lock & Door provided and contractor Installed, OFCI.
 - Currently approved by FS Lock & Door for use in appropriate applications.
 - Shall be specified to maintain the campus standards.

Product:	Manufacturer:	Model:	Finish:
Automatic Flush Bolt	IVES	FB31P	626 Satin Chrome
Butts (3 Butts per leaf for 3070, add 1 butt for each foot in height.)	IVES	5BB1 4 ½ x 4 ½ (36" or less leaf)	626 (632 at exterior wet, or corrosive locations)
	IVES	5BB1 HW 4 ½ x 4 ½ (over 36" leaf)	626 (632 at exterior)
	IVES	Comparable Model	626 (632 at exterior)
		Comparable Model	626 (632 at exterior)
Closer	LCN	4041 REG Duty Arm	Standard Paint
	LCN	4041 EDA Duty Arm	Standard Paint
	LCN	4041 SHCUSH Duty Arm	Standard Paint
	LCN	4041 SCUSH Duty Arm	Standard Paint
Code Button Lock (Not Mortise)	Schlage	Schlage CO200 40,70,993	626 Satin Chrome
Lockset / Latch set	Schlage	ND Series "Rhodes" with LF Interchangeable Core Function	626 Satin Chrome
	Schlage	Exit Lock ND25D	626 Satin Chrome
	Schlage	Privacy Lock ND40S	626 Satin Chrome
	Schlage	Office Lock ND53JD	626 Satin Chrome
	Schlage	Vestibule Lock ND60JD (verify appropriate application)	626 Satin Chrome
	Schlage	Classroom Lock ND70JD (verify appropriate application)	626 Satin Chrome
	Schlage	Storeroom Lock ND80JD	626 Satin Chrome
	Schlage	Institutional Lock ND82JD	626 Satin Chrome
	Schlage	Privacy Lock Indicator L9496 (Single occupant public access)	626 Satin Chrome
Rim Devices (Non-rated)	VonDuprin	98 x Hex Key Dogging	632 Stainless Steel
	VonDuprin	996 (vandal resistant where appropriate)	632 Stainless Steel

Product:	Manufacturer:	Model:	Finish:
Rim Device (Rated)	VonDuprin	98F	632 Stainless Steel
	VonDuprin	996 (vandal resistant where appropriate)	632 Stainless Steel
	VonDuprin	996 (vandal resistant where appropriate)	632 Stainless Steel
Surface Vertical Rod, Electrified (Non-rated)	VonDuprin	9827 LBR Hex Key Dogging	632 Stainless Steel
	VonDuprin	996 (vandal resistant where appropriate)	632 Stainless Steel
Surface Vertical Rod (Rated)	VonDuprin	9827F	632 Stainless Steel
	VonDuprin	996 (vandal resistant where appropriate)	632 Stainless Steel
	VonDuprin	996 (vandal resistant where appropriate)	632 Stainless Steel
Overhead Stop	Glynn Johnson	To be approved	626 Satin Chrome
Auto Door Operator	LCN Benchmark LCN Equalizer LCN Senior Swing	9142 REG (Hard wired ONLY with keyed switch at interior beside push button.) 4642 REG 9540 REG	626 Satin Chrome
Reader / Operator / Intercom Posts		-	6-inch square aluminum posts provided by Access Shop, Contractor installed.
Mullions with Electric Strikes (Keyed & Removable ONLY)	VonDuprin	Part No. KR 4954; KR4854 (Elect. RHR)	-
Mullions Keyed Removable ONLY	-	-	-
Cylinder Body	Schlage	LFIC core housing (Exit Devices) or IC core mortise body 20-090 (Mortise-applications)	626 Satin Chrome
Removable Core Cylinders	Access Shop Furnished & Installed		-
Electromagnetic Holder (Provide wall backing.)	LCN	7850 (24VDC)	-
Manual Flush Bolts	IVES	FB458,FP51P	-
Meeting Stiles	ZERO	Style to suit need	-
Smoke seals	ZERO	188S,488S	-
Threshold	ZERO	Style to suit need (ADA compliant)	-

Product:	Manufacturer:	Model:	Finish:
Wall Stop (Provide wall backing)	IVES	WS406/407-CCV, FS436,FS438	US32D
Electrified Strikes	VonDuprin	6000, 5100 series	632 Stainless Steel
	ASSA ABLOY	310 Series	632 Stainless Steel
Cabinet locks	Olympus	777ICP-DR (Door) 888ICP-DW (Drawer)	626 Satin Chrome

PART 3 – EXECUTION

3.1 Installation

- a. Construction keying and final keying is by FS Lock & Door.

3.2 Interface with other products

- a. Not applicable.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.

SECTION 08 80 00 – Glazing

Document revision history: 08/2019 – Original Publication

Date	Section	Description of Change

PART 1 – GENERAL**1.1 Summary**

- a. Design teams will be notified at the start of a project as to whether or not the building and/or the scope qualifies as 'historic' and is exempt of any following items.

1.2 Submittals

- a. Any item that requires special tools and/or test equipment must be approved through UO Substitution Request prior to specification and/or installation.

1.3 Qualifications

- a. Provide minimum manufacturer's warranty period of ten (10) years from the date of Substantial Completion for dual seal units vertically glazed. Insulating units in sloped glazing applications shall be warranted for a period of five (5) years from date of Substantial Completion. Warranty to include all costs associated with unit replacement.

PART 2 – PRODUCTS**2.1 Materials**

- a. No reflective glazing or reflective window film shall be used.
- b. Glazed units must be serviceable from the interior of the building.
- c. Glazing systems that require access from the exterior to complete the removal and installation of insulated glazing units are not permitted without approval through UO Substitution Request.
- d. Breaking of existing insulated glazing units to accommodate unit removal and/or access to glazing sealant/tape systems is not permitted.
- e. Interior Wet/Dry Method (Tape and Sealant) or Interior Dry Method (Tape and Tape) are permitted.
- f. West facing glazing requires shading strategies coordinated with UO Design and Construction.

PART 3 – EXECUTION**3.1 Installation**

- a. Not applicable.

3.2 Interface with other products

- a. See Toilet Room Appendix for mirror requirements.

3.3 Testing

- a. Not applicable.

3.4 Training

- a. Not applicable.