

PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DIVISION 08 – OPENINGS Updated 2021 – May – Modified for HDS

Housing and Dining Facilities (HDS) has adopted amendments for all HDS facilities. Confirm applicable standards with Project Representative on a per Project basis.

Housing and Dining Services takes the following exceptions highlighted in Gray.

DIVISION 08 – OPENINGS 08

08 10 00 – DOORS AND FRAMES

A. Door Requirements:

1. Interior doors shall be wood or hollow metal.
 - a. HDS: At least 1/8" reveal is need on the top and the bottom on the latch side of the door.
5. HDS: All high traffic doors and doors wider than 3'-7" shall have heavy duty continuous geared hinges
 - b. Hagar/Roton or equal

08 14 00 – WOOD DOORS

A. Acceptable Manufacturers:

1. Marshfield, Lynden, Eggers, Algoma
 - a. HDS: Marshfield
2. HDS: Not Accepted Manufacturers:
 - a. HDS: Maiman

C. Types of Doors and Frames:

3. Interior wood doors shall be 1-3/4" thick solid core rotary cut birch veneer.
 - a. HDS: Thermal fused doors, standard color lines

08 41 13 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

B. Materials, Systems and Hardware:

4. Use pivot hinges on new installations.
 - a. Existing installations shall have pivot hinges replaced with specified Manufacturer.
 - b. HDS: Pivot hinges are not allowed.
5. HDS: Use Heavy Duty continuous geared hinges (Hagar/Roton).

08 51 13 – ALUMINUM WINDOWS

A. Construction:

4. Screens shall accompany all windows as an integrated unit.
 - b. Wickets required for cam handle operation shall be integral to the screen frame.
 - i. HDS: Wickets not allowed.
5. HDS: Sliding windows are acceptable when equipped with stainless steel security screens.

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- b. Screen material shall be black.

6. HDS: High theft areas or residential window shall have stainless steel screens when operable opening is greater than 4”.

08 71 00 – DOOR HARDWARE

A. Always verify products with FM Locksmith through the Project Representative.

- 1. HDS: Verify products with HDS Facilities Access Control through the Project Representative.

B. Required Products, no substitutions:

1. Locksets:

- a. Sargent 11 Line
- b. HDS: Schlage ND Series

3. Closers:

- a. LCN 4041 Reg/PA
- b. HDS: LCN 4040 XP

4. Hinges:

- a. Hagar #BB1279 or Stanley #FBB179
- b. HDS: Continuous Geared Hinges
 - i. Hagar/Roton
 - 1. Heavy duty
 - 2. Flush or ½ surface
 - 3. Profile to meet clearances.

5. Lock Cylinders:

- a. Medeco
- b. HDS: BEST quad-milled 7-pin to match existing

9. Automatic Door Operators:

- a. See 08 71 13 - Automatic Door Operators
- b. HDS: LCN 4640/4630 Series

B. General Information:

- 8. Where Corbin Russwin locksets are required, use CL3300Nzd series.
 - a. HDS: Use Schlage ND Series

C. Locksets:

- 1. Locksets for new buildings shall be heavy duty lever set with heavy duty key-in-lever.
 - a. Knobs shall be used in certain locations such as mechanical, electrical, custodial closets and electrical rooms where levers are not required as determined by the Locksmith.
 - b. HDS: Locksets for new buildings shall be heavy duty lever set with heavy duty key-in-lever.
- 2. On large projects of duration greater than 6 months, locksets shall be ordered with cylinders keyed to Colorado State University (CSU) Master System as directed by Locksmith through the Project Representative.
 - a. HDS: Verify products with HDS Facilities Access Control through the Project Representative.

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5. Finish shall be US26D, US10 or US10B. Other finishes shall be submitted to the Project Representative for approval by FM Design and Construction.
 - a. HDS: Verify products with HDS Facilities Access Control through the Project Representative.
6. Lever handles shall be used for all doors except doors with exit devices, mechanical/electrical/utility rooms.
 - a. HDS: Lever handles shall be used for all doors except doors with exit devices.

D. Hinges:

3. HDS: Heavy duty continuous geared hinges on all high frequency doors.

08 71 13 – AUTOMATIC DOOR OPERATORS

A. Automatic Door Operators:

2. Operators:
 - a. Stanley Access Technologies Magic Access
 - b. HDS: LCN 4640/4630 Series
3. Activation Plates:
 - c. All Activation Plates shall be vertical in style with a minimum height of 36"
 - i. Vertical Activation Plates:
 - a) Mounted 5" AFF
 - b) New Construction and Remodels when feasible shall use hard-wired activation plates.
 - i. Model: BEA 10LPR36HW
 - ii. HDS: Model BEA MS41

08 80 00 – GLAZING

C. Standard wire glass shall be allowed for fire-rated assemblies only in locations where the glazing is not subject to human impact loads, such as transoms and windows.

1. Wire glass shall not be acceptable for security.
 - a. Laminated glass or polycarbonate shall be used.
 - i. HDS: Polycarbonate is not permitted.

END OF DIVISION