

DOOR HARDWARE STANDARD

Central Michigan University approved manufacturers for the following door hardware

- A. Continuous Hinges:** *Use on all exterior doors. Use on interior doors over 36" wide & high traffic doors.*
1. Select-Hinges: Geared Aluminum Continuous Hinge.
 2. No Exceptions
- B. Cylindrical Locksets:** *Use on doors inside suites and residence hall rooms*
1. Best 9K Grade 1, *use on residence hall bedroom and bathroom doors*
 - a. Lever Style: 15 – contour / angle return
 - b. Rose Style: 3-1/2" convex
 - c. Strike: S3 – 4-7/8" ANSI
 - d. Finish: 626
 2. No Exceptions
- C. Mortised Lockset:** *Use on doors located on corridors and in certain cases exterior doors*
1. Best 45H series
 - a. Lever Style: 15 – contour / angle return
 - b. Trim Style: J
 - c. Finish: 626
 2. All classrooms to be provided with T-Dormitory (F13) function lock.
 3. No Exceptions.
- D. Access Control Hardware:** *Where access control is to be utilized, use the following in new door and frame installation. No electric strikes or hinges allowed in new work. For retrofit applications, please review with CMU UEP, OIT and FM Locksmith. Refer to [Hyperlink` Division 1-General Requirements– Security & Access Control Standards.](#)*
1. Electrified Mortised Lockset: Best 40HW
 2. Electric Power Transfer:
 - a. Von Duprin EPT-10: Finish SP28
 - b. Assa Abloy CEPT-10: Finish US32
 3. Transact DR5000-OF Card Reader standard. (*No exceptions*)
 4. Power Supply Unit: Selectronic BPS-24-10 located in IDF/Network Closets if practical.
- E. Panic/Exit Devices:**
1. Von Duprin Rim 98/33 series (98 preferred)
 - a. CD - Cylinder dogging (exterior entries only)
 - b. US26D Finish (Chromium, Dull)
 2. At all double doors requiring mullion, Von Duprin key removable required.
 3. All cylinders will be Best Manufacturer cylinders. No Exceptions.
 4. All panic/exit devices at classrooms to be provided with Von Duprin intruder function, thumb turn lock.
 5. Rated exit devices required at all rated door conditions
- F. Closers:**
1. LCN 4040XP Series
 - a. Powder coat finish (Aluminum preferred)
 - b. Plastic cover
 - c. Arm configuration as designated per construction documents.
 2. No Exceptions.
 3. All ADA Operators to be [Dormakaba ED-100LCN](#).

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G. Key System:

1. Stanley/Best: 7-pin small format interchangeable core, as designated by Owner.
2. Factory keyed Final building cores supplied by the contractor and installed by CMU Locksmith

H. Aluminum Doors: *Use on all exterior doors and interior extreme condition applications.*

1. Special-Lite
 - a. Exterior Glass Doors:
 - I. Monumental with 10 inch FRP mid-panel
 - II. Door Pull: SL-82 Flush pull
 - III. Side Lites: 10 inch FRP Bottom Rail
 - b. All door and side-lite panels to be: Pebblegrain FRP, Standard Color: Beige

I. General Information

1. All remaining miscellaneous hardware to be turned over to CMU Locksmith
2. No anti wrenching screws to be installed in any mortise cylinders.
3. No 6 pin spacers allowed.
4. All new buildings, additions or major renovations to provide ADA operators on first floor toilet rooms, at a minimum.

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DOCUMENT CONTROL PAGE:

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8.13.15	Revised per Bioscience Building Review	Steve Lawrence
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12.16.21	Revised section D Card Readers and Power Supply Unit. Omit Iris Reader. Change Section Title by removing Interior .	Andy Reihl
02.24.22	Change ADA Operator standard to Dormakaba ED-100	Andy Reihl