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and shall conform to 780 CMR 1006.4.1. The distance of exit access travel from any point in a room or space to a required exit door shall not exceed the limitations of 780 CMR 1006.5.

1017.2.3 Door arrangement: The space between doors in series shall not be less than seven feet (2134 mm) as measured when the doors are in the closed position.

Exception: Power-operated doors and occupancies in Use Groups I-1 and R-3.

1017.3 Size of doors: The minimum width of each door opening shall be sufficient for the occupant load thereof and shall provide a clear width of not less than 32 inches (813 mm). Where 780 CMR 1017.0 requires a minimum clear width of 32 inches (813 mm) and a door opening includes two door leaves without a mullion, one leaf shall provide a clear opening width of 32 inches (813 mm). The maximum width of a swinging door leaf shall be 48 inches nominal. Means of egress doors in an occupancy in Use Group I-2 used for the movement of beds shall be at least 44 inches (1118 mm) wide. The height of doors shall not be less than 80 inches (2032 mm).

Exceptions:

- 1. A means of egress door serving a storage area of not more than 800 square feet (74 m²) and which is normally unoccupied shall have a maximum width of ten feet (3048 mm).
- 2. The minimum and maximum width shall not apply to doors that are not required for means of egress in occupancies in Use Groups R-2 and R-3.
- 3. Door openings to resident sleeping rooms in occupancies in Use Group I-3 shall have a clear width of not less than 28 inches (711 mm).
- 4. Door openings to storage closets less than ten square feet (0.93 m²) in area shall not be limited by the minimum width.
- 5. Width of door leafs in revolving doors that comply with 780 CMR 1018.0 shall not be
- 6. Door openings within a dwelling unit shall not be less than 78 inches (1981 mm) in height.
- 7. Exterior door openings in dwelling units, other than the required exit door, shall not be less than 76 inches (1930 mm) in height.
- 8. Interior egress doorways within a dwelling unit not required to be adaptable or accessible shall have a minimum clear width of 29%-inches (755 mm).

1017.4 Door hardware: Door handles, pulls, latches, locks and other operating devices shall be at a maximum height of 48 inches (1219 mm) above the finished floor. The operating devices shall be capable of operation with one hand and shall not require tight grasping, tight pinching or twisting of the wrist to operate. All means of egress doors shall be of a side-swinging type. All doors shall swing in the direction of egress where serving an occupant load of 50 or more persons or where serving a highhazard occupancy. The opening force for interior sideswinging doors without closers shall not exceed a five-pound (24 N) force. For all other sideswinging, sliding and folding doors, the door latch shall release when subjected to a 15-pound (73 N) force. The door shall be set in motion when subjected to a 30-pound (146 N) force. The door shall swing to a full-open position when subjected to a 15-pound (73 N) force. Forces shall be applied to the latch side.

Exceptions:

- 1. Doors to private garages, factory and storage areas with an occupant load of ten or less.
- 2. Horizontal sliding-type doors complying with 780 CMR 410.4.2 shall be permitted in a means of egress in occupancies in Use Group I-3.
- 3. Doors within or serving a single dwelling unit which is not required to be accessible or adaptable by 780 CMR 11, are not required to be provided with lever handled operating devices.
- 4. Revolving doors conforming to 780 CMR 1018.0.
- Horizontal sliding doors complying with 780 CMR 1017.4.4 shall be permitted in a means of egress in areas of refuge as described in 780 CMR 1007.5 and areas, other than highhazard occupancies, that serve an occupant load of less than 50.

1017.4.1 Locks and latches: All means of egress doors shall be readily openable from the side from which egress is to be made without the use of a key or special knowledge or effort. Refer to M.G.L. c. 143 § 3R for locking devices on the exterior doors of apartment houses.

Exceptions

- Key operation shall be permitted from a dwelling unit provided that the key cannot be removed from the lock when the door is locked from the side from which egress is to be made.
- 2. Locking devices conforming to 780 CMR 409.3.2 shall be permitted in occupancies in Use Group I-2.
- 3. Locks conforming to 780 CMR 410.4 shall be permitted in occupancies in Use Group I-3.
- Means of egress doors from individual dwelling units and guestrooms of occupancies in Use Group R having an occupant load of ten or less shall be permitted to be equipped with a night latch, dead bolt or security chain, provided that such devices are openable from the inside without the use of a key or tool and are mounted at a height not to exceed 48 inches (1219 mm) above the finished floor.
- 5. Special locking arrangements conforming to 780 CMR 1017.4.1.2 or 780 CMR 1017.4.1.3.
- 6. In occupancies in Use Groups B, F, M and S, the main exterior means of egress door is permitted to be equipped with a key-operated locking device from the egress side where in

compliance with the conditions:

- 6.1. The locking device readily distinguishable as 6.2. A readily visible, du on the egress side on or a stating "This Door To When This Building Is O shall be in letters not less mm) high on a contrastin 6.3. The main exterior do or a pair of doors which, y door or both leafs of a p
- Locking arrangement 780 CMR 1017.4.5.
- 8. In occupancies in Use locks shall be permitted us conditions:
 - Patient sleeping ro provided with key loci restrict access to the corridor and that are staff from the corridor s device shall not restric sleeping room.
 - b. All other means of eg provided with key locki the clinical needs of th specialized security mu safety, or for the protecprovided keys are carried by staffing at all times in emerge. trained procedures.

1017.4.1.1 Flush and surfac operated edge or surface-m and surface bolts are prohibiof egress doors are used in 1 automatic flush bolts are us having the automatic flush t a door knob or surface-m The unlatching of any leaf more than one operation.

1017.4.1.2 Special locking: buildings that are equipped t automatic sprinkler syst accordance with 780 CMR automatic fire detection sy means of egress serving o Group B, E, F, I, M, S or R or shall be equipped with control devices which accordance with items 780 (through 7. A building occ required to pass through m equipped with a special loc entering an exit.

1. Actuation of the at system or automatic fire

