



These guidelines are to be followed when a building, or facility within the City of Rockwall, is provided with an approved, entry and exit access controlled or delayed egress door for pedestrian traffic.

All access control criteria for the purposes of these guidelines and any other guidelines or requirements of the Rockwall Fire Prevention Education and Investigation (FPE&I) Division shall conform to the 2021 International Fire Code, as adopted and amended by the City of Rockwall. These guidelines do not replace, nor supersede any codes and/or ordinances adopted by the City of Rockwall, or determinations and positions of the Rockwall FPE&I.

- 1) The doors in a means of egress in any occupancy except Group H are permitted to be equipped with an approved entrance and egress access control system which shall be installed in accordance with IFC 1010.2.11, 1010.2.12, 1010.2.13, 1010.2.14, or 1010.2.15, or shall be readily openable from the egress side without the use of a key or special knowledge or effort.

Access-Controlled Doors in Group R-1 and R-2 (Hotels and apartments)

- 2) Exterior doors or gates on R-1 and R-2 occupancies that are equipped with electronic locks or strikes shall have a Knox key switch, Model #3502, mounted above the access control pad. The switch shall be installed so that it will interrupt the power to the lock allowing entry.

Access-Controlled Doors in Group F and S over 10,000 square feet

- 3) Exterior doors in a F or S occupancy larger than 10,000 square feet may have the capability of being unlocked by a signal or Knox KS-2 switch located in the fire sprinkler riser room or other approved locations approved by the fire code official. The signal device or KS-2 switch shall be labeled as "Access Control Override".

Inspection Requirements

- 4) Operational test under normal conditions.
- 5) Back-up Power Verification: Test emergency backup power to the access control system, where provided
- 6) Fail Safe Verification: Loss of power, or function to that part of the access control system, which locks the doors, shall automatically unlock.
- 7) If door is part of a fire rated assembly, verify the door remains latched upon loss of power to locking devices.
- 8) Connection to Fire Sprinkler/Alarm System: Activation of the building fire alarm or automatic sprinkler system, if provided, shall automatically unlock the doors. In addition, remain unlocked until the fire alarm system is reset.
- 9) Manual Operation: Manual operation of the access control system, independent of any automatic function, will be tested.
- 10) Egress: Electric strike, or designated access doors shall be tested to verify free egress.
- 11) Required Signage: All required signage shall be in place.

Submittal Requirements

- 12) Plans shall contain sufficient detail to enable the plan reviewer to accomplish a complete review.



ACCESS CONTROL / DELAYED EGRESS

- 13) Sequence of operation details shall be submitted that is a written description of the operation of the Access-Control/Delayed Egress System in normal mode, loss of power mode, activation of a fire protection system and manual modes.
- 14) Construction plan drawings detailing the installation location and layout, including all hookups/integration into building systems (i.e. fire alarm) and wiring.
- 15) Submittal shall include:
 - a) Construction Plans
 - b) Equipment Specifications
 - c) Sequence of operation details
 - d) Installer License.