



ACCESS CONTROLLED DOOR SYSTEM SUBMITTAL REQUIREMENTS

These guidelines are to be followed when a business, facility or organization proposes to install or modify any Access Controlled Door System within the Lake Cities Fire Department Jurisdiction. This document shall assist in the preparation of a submittal for permit. These guidelines are not to be interpreted as containing all data required for proper design, installation, or approval.

All Access Controlled Doors for the purposes of this guideline and the requirements of the Fire Department shall conform to the current adopted International Fire Code, and amendments by Hickory Creek, Shady Shores, Lake Dallas, and Corinth.

This guide does not replace, nor supersede any codes and/or ordinances adopted by Hickory Creek, Shady Shores, Lake Dallas, Corinth.

INCOMPLETE PERMIT APPLICATIONS WILL NOT BE REVIEWED.

These guidelines are to be followed when a building or facility within the Cities and or Township of Corinth, Lake Dallas, Hickory Creek, or Shady Shores proposes to install an entry and/or exit access-controlled egress door for pedestrian.

This guideline includes the use of electric strikes, magnetic locks and/or any device(s) intending to impede or restrict egress from a building.

PERMITTING REQUIREMENTS

1. Provide a written description of the operation of the Access Control/Egress Control System in normal, loss of power and activation of a fire protection system.
2. Two (2) sets of drawings detailing the installation location and layout, including all hookups/integration into building systems (i.e. fire alarm) and wiring.
3. Submittal shall include a full floor plan for the facility, to include the egress routes.
4. A full equipment listing and manufacturer documentation for all parts and materials used in the project.
6. Drawings shall be submitted for review and approval, **PRIOR** to installation.
7. Drawings shall be generated by the installing company specific to the installation. Drawings shall show plan view and other pertinent information.
8. Submittal package must identify and include all the above requirements to be accepted for review.
9. No doors and/or hardware shall be installed on the site until a Permit has been issued. Any work performed prior to the issuance of this permit may result in a citation being issued for violation.
10. To expedite the plan review and inspection processes, please refer to the information listed below. Incomplete submittals may result in a delay of the permit being issued.

GENERAL SUBMITTAL REQUIREMENTS

11. Each submittal shall have a completed Lake Cities Fire Department Plan Review Permit Application.
12. Plans approved by the Fire Code Official give authorization for installation. Final approvals are subject to field verification. Any approval issued by the Fire Code Official does not release the contractor or property owner from the responsibility of full compliance with all applicable codes and ordinances.

13. All fire department inspection forms and permits shall be kept on the job site until final inspection.

14. All installations shall comply with the approved plans. Any deviation from the approved plans requires a resubmittal to the Fire Code Official.

15. All access control criteria for the purposes of this guideline and any other guidelines or requirements of the Fire Department shall conform to the current adopted International Fire Code and amendments by Cities and Townships of Corinth, Lake Dallas, Hickory Creek, and Shady Shores.

MAGNETIC LOCK OPERATIONAL REQUIREMENTS

16. All access-controlled systems shall be UL 294 listed.

17. The use of a motion sensor, or equivalent, to detect and unlock the egress door shall be able to operate such that it can detect movement in both a tenable atmosphere and one obscured by smoke.

18. Push-To Exit buttons, or "mushroom buttons", shall be a minimum 2 ½ in. diameter and red in color with the words "PUSH TO EXIT" and be located within 5 ft. of the door. It shall have a minimum of a 30 second delay before re-engaging the magnetic locks.

19. Where panic hardware is required on doors, it shall be equipped with hardware complying with the current adopted IFC on door hardware release of electrically locked egress doors. The circuitry to the panic hardware shall be fail-safe and unlock the door.

20. Magnetic locks shall be fail-safe and in the event of loss of power to that part of the access control system which locks the doors shall automatically unlock the doors. This is to include both the access and egress side of the door.

21. Activation of the building fire alarm system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset. Reset of the fire alarm system may re-engage the access control system.

22. Activation of the building automatic sprinkler system or fire detection system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.

23. No other locks or locking device shall be allowed on path of egress doors.

24. Delayed egress shall comply with the current adopted IFC Section on delayed egress locking systems.

ELECTRIC STRIKE LOCK OPERATIONAL REQUIREMENTS

25. All access-controlled systems shall be UL 294 listed.
26. Electric strike locks are **RECOMMENDED** on exterior doors (not required).
27. Electric strike locks may be used and shall provide free egress.
28. Electric strike locks may be fail-secure and shall provide free egress.
29. No other locks or locking device shall be allowed on path of egress doors.

PERFORMANCE TEST

30. Controlled access systems shall be tested by the Fire Code Official upon completion of the installation.
31. Controlled access systems shall be test with the fire alarm company is applicable.
32. Controlled access systems shall not be placed in operation until acceptance test is complete and approved.

NOTE:

33. Re-inspection fee – If it is does not meet the requirements or fails to operate, there may be a re-inspection fee.

The issuance of a Fire Department Construction Permit from the Lake Cities Fire Department does not relieve the applicant of any permits required by the Cities of Hickory Creek, Shady Shores, Lake Dallas, or Corinth Building Department.

Submit Plans To
Lake Cities Fire Department
3501 FM 2181 Suite B Corinth, TX 76210
Phone: 940-279-4590 Fax: 940-497-3455