



## Fire Alarm System Plan Review Submittal Requirements

Lake Cities Fire Department requires that a construction permit be obtained for the installation of/or modification to a fire alarm system. The Fire Department also requires that construction documents must be submitted for review and approval prior to system installation.

### Reference Notes:

- A separate address, floor, suite or system requires a separate submittal and permit. Please do not include more than one job per plan submittal.
- Installation of a fire system related panel will require a cut sheet and battery calculations.
- A full set of plans and equipment submittals are required. (Exclude equipment list if only relocating).
- Refer to the latest edition of the IBC, IFC, IMC and Lake Cities Fire Department for specific fire alarm requirements. Lake Cities Fire Department recognizes the most recent edition of the NEC.
- Per NFPA 72, strobes in view of one another must synchronize even if on separate systems. You will be responsible to see that your devices synchronize with existing devices – **Plan Accordingly.**

**All fire alarm systems 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 Lake Cities Fire Department.**

**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.**

**Provide the following on all plan sheets (3 Sets required):**

1. Company Name, Address, City, State & Zip, Phone Number and State Registration Number
2. Planner's Name, License Number and Original Signature 3. Project Name, Address, City, State & Zip
3. Scale (1/8" = 1' Minimum, 1/16" = 1' Acceptable for Large Buildings)
4. Identification of areas that are "Not in Scope"
5. Room Identification as to use
6. Ceiling Construction and Height (if Devices are Ceiling Mounted)
7. Point-to-Point Wiring from Fire Related Panels to all Devices
8. Zone or Address Point Identification of Initiating Devices
9. Circuit Identification of Indicating and Releasing Devices
10. Strobe Candela Rating
11. Speaker Voltage and Tap Information
12. "Cloud", or Indicate, Revisions on Re-submittal or Additional Submittal
13. Occupancy Classification and Occupant Load
14. Indicate New or Existing Building
15. Fully Sprinkled or Not
16. Conduit Types and Sizes
17. Symbol Legend – quantities of each device

18. Schematic Riser Diagram
19. Input/ Output Matrix or Narrative Defining the Sequence of Events
20. Description of System Monitoring
21. Cover Sheet Indicating Name, Address, City, State & Zip and Permit Number of the Project
22. Scope of Work
23. Manufacturer Cut Sheet for all Fire Related Panels, Wire and all Devices.
24. Battery Calculations for all Fire System Related Panels
25. Voltage Drop Calculations for Indicating and Releasing Devices
26. Amplifier Load Calculations
27. U.L. Compatibility Listing between System Components and the FACP

***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**