

SOUTHERN MANATEE FIRE RESCUE PLANS REVIEW PROCESS



Fire Alarm Check List

To assist you with the plans review, this check list contains the **minimum** requirements for reviewing a Fire Alarm Permit. Additional information may be required to complete the review depending on the complexity of each system.

Job value in excess of \$5,000 for Fire Alarm drawings shall be signed and sealed by a Florida Registered Professional Engineer. A copy of the bid shall be available upon request of the plans reviewer. Provide a copy of a current Contractors License for department files if one is not already on file. Plans shall be approved by the engineer of record.

Area detection, as required during Certificate of Occupancy, may still be required as part of the renovation. Check with this office for the requirements prior to submittal of plans.

- Three sets of plans shall be provided at time of submittal along with a Southern Manatee permit application. Include the Building Departments master permit number if it applies.
- Plans shall be 24" x 36" in size.
- Plans shall include project name, address, city, state and zip.
- The contractor's name, address, city, state, zip and phone number shall be located on the plans.
- Plans shall have a directional arrow, symbol list and equipment identification for each device.
- Location of each device shall be shown on plans (strobes shall indicate candela).
- Plans shall identify the location of the FACP, annunciators, expanders, communicators. VOIP service is currently NOT accepted as a form of communication.
- Any fire alarm panel that cannot be with six feet of the main entrance shall require an annunciator panel within six feet of the main entrance (or as advised by the plans reviewer).
- Identify flow and tamper switches if it applies.
- A Weather Proof Strobe (WP) device shall be located in the vicinity of the main entrance and seen from street.
- Duct detection shall be identified and initiate a supervisory signal upon activation.
- Provide scope of work, cut sheets, battery calculations, voltage drops and type of communication method.
- Identify any surge protection as required per NFPA 70 and NFPA 72.
- When using a NEMA rated enclosure, identify location of box on plans and provide documentation the box meets the requirements of NFPA 72 for temperature and humidity control. Multi-tenant buildings shall have only one control panel reporting to a central station.
- A Recessed Knox Box (new construction) or Surface Mount Knox Box (existing) shall be required on all structures containing a fire alarm.
- Mercantile occupancies require area smoke detection in all spaces where the commodity may be stored over 12' (twelve feet) above FFL.