



Fire Alarm Plan Review Submittal Requirements

Introduction

This Fire Net is intended to provide a model plan review checklist to serve the needs of groups both inside and outside of UC Davis in preparing a complete initial submittal package for review and approval of fire alarm projects.

Much of the information contained in this Fire Net has been taken from the Fire Alarm System Plan Review Guide produced by the Office of the State Fire Marshal.

Basis for Requirements

The 2007 California Fire Code (CFC), Chapter 9, Section 907 - Fire Alarm and Detection Systems requires complete construction documents for fire alarm systems shall be submitted for review and approval prior to system installation.

CFC Chapter 9, Section 907.1.1 also states plans and specifications for fire alarm systems shall include, but not be limited to, a floor plan indicating use of all rooms; location of all alarm-initiating and notification devices; alarm control and trouble-signaling equipment; annunciation; power connection; battery calculations; conductor type and sizes; voltage drop calculations and manufacturer model numbers and listing information for all equipment, devices and materials; details of ceiling height and construction; interface of fire safety control functions, and state fire marshal listing numbers of all equipment, devices and materials requiring listing.

Complete vs. Correct

While correctness will speed along the review/approval process in requiring fewer resubmission cycles, lack of completeness will prevent a review. The submittal package must be complete for a complete review/approval process to take place.

Installation Codes and Standards (including edition)

The codes and standards applicable to fire alarm installation and design requirements typically include references to specific sections of Title 24, 2007 Edition; Part 2, California Building Code; Part 3, California Electric Code; Part 4, California Mechanical Code and Part 9, California Fire Code. References are also made to NFPA 72 (the National Fire Alarm Code), 2002 Edition as well as to the current UC Davis Campus Standards & Design Guide. Applicable code references must be identified on the plan cover sheet.

Checklist

The following link will take you to a Microsoft Word version of the [Fire Alarm Submittal Checklist](#). Each item on the checklist must be provided for a complete submittal. The submittal requirements for modifications to existing systems are the same as for new systems. The required submittal information for existing systems must come from as-built drawings or from field investigation.

All Fire Alarm Shop Drawings submitted to the UC Davis Fire Prevention Unit for approval must include the checklist with each item checked off to confirm that the submittal was checked for completeness.