



Carson City Building Division

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FIRE ALARMS COMMERCIAL PLAN SUBMITTAL REQUIREMENTS

Plan Submittal:

Provide *one* complete set of digital plans on a CD or USB in **PDF format**. The digital files need to have the plans and all supporting documents in individual folders that are correctly labeled. Please ensure all pages within the plan set are facing the same direction to ensure legibility for the reviewer. **Documents submitted to the building official for review are required to be stamped or sealed, pursuant to the legal requirements for that design professional.**

Digital Requirements with every submittal:

Within the CD or USB the Folder should be named **Plans**. Within each complete set of digital plans submitted, all sheets should be within one PDF Document (if applicable).

Physical Requirements with every submittal:

Provide *two* complete sets of physical plans. **Documents submitted to the building official for the review are required to be stamped or sealed, pursuant to the legal requirements for that design professional.** Incomplete plan submittals will not be accepted.

General Requirements

- Plans shall be on **11" x 17" or larger** paper sizes, and all design sheets within the plan set should be the same size.
- Plans **shall be photocopies, or original drawings**.
- Plans shall be fully dimensioned, and drawn to a minimum 1/8"-1'-0" scale or greater. Interior elevations or details shall be drawn to a minimum 1/2"-1'-0" or greater scale. The scale shall be indicated on each page, and separate detail or elevation.
- Commercial plan submittal shall include the following:
 - Two (02) complete plan sets, identified for "Fire Prevention" plan review.
 - These plans shall include a floor plan which indicates the use of all rooms.
 - Locations of alarm-initiating and notification appliances.
 - Alarm control and trouble signaling equipment.
 - Annunciation.
 - Power connection.
 - Battery calculations.
 - Conductor type and sizes.
 - Voltage drop calculations.
 - Manufacturers, model numbers and listing information for equipment, devices and materials
 - Details of ceiling height and construction.
 - The interface of fire safety control functions.
 - Carson City Fire Department is currently using the 2016 edition of NFPA 72

A designer of fire sprinkler and alarm systems must hold a Level II certification from the National Institute for Certification in Engineering Technologies (NICET), be licensed as a professional engineer pursuant to [chapter 625](#) of NRS or hold an equivalent certification. To obtain further information and copies of materials to receive a Level II certification from the National Institute for Certification in Engineering Technologies, a designer of fire sprinkler and alarm systems may contact the National Institute for Certification in Engineering Technologies, 1420 King Street, Alexandria, Virginia 22314-2794, telephone (888) 476-4238.