



# Carson City Building Division

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## FIRE SPRINKLERS 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. The scale shall be indicated on each page, and separate detail or elevation.
- Fire Sprinkler plan submittal shall include the following:
  - Provide **two (02) copies** of the following:
    - **Hydraulic calculations**
    - **Project "Spec" Book** – provide parts listings within this book. i.e.; pipe, valves, sprinkler heads, etc.
    - **Seismic Bracing calculations.**
    - **Copy of approved civil sheet (utilities).**
    - **Title Block to include the correct address and suite numbers as issued by the Carson City Geographical Information System Division.**
    - **Carson City Fire Department is currently using the 2016 edition of NFPA 13 for the design of fire sprinkler systems. NFPA 13 D & 13R are also the 2016 edition**

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.