



# Carson City Building Division

*Kevin Gattis, Chief Building Official*

## FIRE SPRINKLER SUBMITTAL REQUIREMENTS: New Construction & Additions

### 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. The plans shall be designed to comply with applicable minimum approved scale. In addition, the plan cover sheet shall allow enough space on the cover sheet to allow staff to insert the necessary approvals, which translate to a blank area roughly 4" x 8 ½".
- Plans **shall be photocopies, or original drawings**. Plans with original pencil drawings or notes, will be rejected.

Note: When allowed by the Plans Examiner, the designer may make handwritten corrections to plan submittals, using an ink color other than red. Only Carson City Development Services staff may use red ink for comments on plans.

- 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 **three (03) 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 2013 edition of NFPA 13 for the design of fire sprinkler systems. NFPA 13 D & 13R are also the 2013 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.