



# CARSON CITY FIRE DEPARTMENT

## Station 51

777 S. Stewart Street  
Carson City, Nevada 89701  
(775) 887-2210– Hearing Impaired: 711  
[www.carson.org/fire](http://www.carson.org/fire)

*“Service with Pride, Commitment, and Compassion”*

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## RESIDENTIAL FIRE SPRINKLERS PLAN SUBMITTAL REQUIREMENTS

### General Requirements:

- Submit plans thru the Carson City Civic Access online portal - (<https://energovweb.carson.org/EnerGovProd/SelfService#/home>)
- Plans shall be on 11" x 17" or larger paper sizes, fully dimensioned and scaled pdf files. All design sheets within the plan set should be the same size.
- 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.
- Permit submittal shall include the following: Design standard – NFPA 13R or NFPA 13D (current edition)
  - Permit application, Scope of Work and data sheets if minor TI; otherwise include with permit application:
  - Plans: shall include a floor plan, locations of sprinkler protection, hangars, riser diagram, location of external bell (or horn/strobe), remote area(s), reference site plan, etc.
  - Hydraulic Calculations (ensure at least a 10psi safety margin if NFPA 13R)
  - Fire Sprinkler Data Sheets (including backflow preventer)

A designer of fire sprinkler and alarm systems must hold at least 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.