



CARSON CITY FIRE DEPARTMENT

Station 51

777 S. Stewart Street

Carson City, Nevada 89701

(775) 887-2210—Hearing Impaired: 711

www.carson.org/fire

"Service with Pride, Commitment, and Compassion"

COMMERCIAL FIRE ALARM 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.
- Plan set shall include the following: Design standard – NFPA 72 (current edition)
 - Permit application, Scope of Work and data sheets if minor TI; otherwise include with permit application:
 - Plans shall include:
 - Floor plan which indicates the use of all rooms
 - Locations of alarm-initiating, supervisory and notification appliances
 - Alarm activation, supervisory, and trouble signaling equipment (legend)
 - Annunciation/communications
 - Power connection
 - Battery calculations
 - Conductor type and sizes
 - Voltage drop calculations
 - Details of ceiling height and construction
 - The interface of fire safety control functions
 - Fire alarm riser/one-line diagram that matches floor plan layout
 - Data Sheets including Manufacturer's model numbers and listing information for equipment, devices and materials

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.