



CLARK COUNTY FIRE DEPARTMENT  
Fire Hazard & Prevention Services  
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105.8.f.2-1

**TITLE: IN-BUILDING SPRINKLER RISERS**

**SCOPE:** In-building sprinkler risers shall be installed and permitted in accordance with this guide and the requirements contained in the 2005 Clark County Fire Code.

**PURPOSE:** To provide standardized Fire Department requirements relating to the installation and permitting of in-building sprinkler risers.

**SPECIFICATIONS AND REQUIREMENTS**

At the time of permit application, three (3) sets of plans, drawn to an indicated scale and legible, must be submitted for review and approval. This plan will be reviewed as an Express Plan Review for a fee of \$160, which is due at time of submittal. The plan will be reviewed within 5 to 7 days. Please check our website for plan status. Any additional fees will be indicated on the website. Once the plans have been approved and any outstanding fees have been paid, an inspection can be scheduled.

Our website is <http://www.accessclarkcounty.com/fire/firedept.htm>. To check on plan status, click on the "Plan Status" button and follow the instructions. To schedule an inspection, click on "Services" in the teal strip on the top. On the left side under **Inspection** click on "Fire Inspection" and follow the instructions.

Submittal must contain, as a minimum, the following information:

- Name and address of the project
- Plans shall be suitably dimensioned and shall include the following (see example attached):
  - Site plan indicating building name, physical address, and Assessor's Parcel Number (APN) with a North arrow
  - Location of the in-building riser in the building on a plan view with a North arrow
  - Annular space around the riser – minimum 2 inches
  - The size of the riser
  - The kicker/thrust block
  - Depth of bury must be minimum 3 feet from grade to top of pipe
- Specification sheets for pre-manufactured risers
- Label each component of field-built risers
- All metallic piping shall be protected against corrosion.

Upon inspection of the in-building riser, the installer must have his/her State Fire Marshal's G/GU card available.