



# Clark County Fire Department

## FIRE PREVENTION BUREAU

4701 W. Russell Road • Las Vegas, NV 89118

**John Steinbeck, Fire Chief**

Kelly Blackmon, Sr. Deputy Fire Chief/Fire Marshal

Danny Horvat, Assistant Fire Chief • Wayne Dailey, Assistant Fire Chief



## **PERMIT GUIDE: NFPA 24 IN-BUILDING RISER**

This guide is to assist in the permitting process for in-building fire suppression system risers. In-Building Risers are just the connection piece from the main underground fire supply to the building's overhead fire system through a custom unit or build in-place fitting. A permit is required for installation of new in-building riser per section 105.7.19 of the IFC.

**PLEASE NOTE:** For Civil Plans for new Fire Protection underground service mains, hydrants, and Fire Access lanes please see Fire Service Mains and Department Access for Commercial Properties Permit Guide.

### **APPLICABLE CODES:**

The following codes and standard apply to this permit.

- *Standard for the Installation of Private Fire Service Mains and Their Appurtenances, NFPA 24 2016 edition*
- *Standard for the Installation of Automatic Sprinklers, NFPA 13, 2016 edition.*
- *International Fire Code, 2018 edition (IFC)*
- *Clark County Fire Code Amendments, 2018 edition (CCFC)*

In-building risers shall be installed in accordance with Section 907.2.1 of the IFC as amended by the CCFC. The design shall be in accordance with NFPA 24 and NFPA 13.

**Link to CCFC:** See the amendments to codes and standards using the link below:

[https://cms8.revize.com/revize/clarknv/Building%20&%20Fire%20Prevention/Codes/ClarkCounty\\_FireCodeAmendments2018.pdf?t=1598331770575&t=1598331770575](https://cms8.revize.com/revize/clarknv/Building%20&%20Fire%20Prevention/Codes/ClarkCounty_FireCodeAmendments2018.pdf?t=1598331770575&t=1598331770575)

### **SUBMITTAL REQUIREMENTS:**

**These submittal requirements are not all inclusive, nor are they a limit to the extent of the information, etc., which may be necessary to properly evaluate the submitted plans and documents. Not all items may apply to your project.**

- 1. CONSTRUCTION DOCUMENTS:** Submittals shall include the following information;
  - a) Completed In-Building Riser Information sheet (see page 2)
  - b) Civil Site Utility Plan with location identified. In-Building Riser Size must match Civil Site utility plan.
- 2. MATERIAL DATA:** Provide manufacturer's specification sheets for all components.

Please note: For Field built risers; customer will have to generate their own section detail with each component and fitting labelled on section cut and material data sheets provided for all components.

## IN-BUILDING RISER INFORMATION SHEET:

### PROJECT INFO:

PROJECT NAME:	
PROJECT ADDRESS:	
BUILDING PERMIT#	

### CONTRACTOR INFORMATION:

COMPANY NAME:	
ADDRESS:	
CONTRACTOR'S LICENSE #	
CONTACT PERSON:	
CONTACT PHONE#	

### SCOPE:

PROVIDE SCOPE:	
QUANTITY:	

### CONSTRUCTION DOCUMENTS: (CHECK BOXES)

CIVIL SITE UTILITY PLAN (with LABELLED LOCATION INCLUDE MAKE/MODEL/SIZE)	
SECTION DETAIL	
MATERIAL DATA SHEET FROM MANUFACTURER (CURRENT)	

### SECTION DETAIL:

MAKE AND MODEL:	
SIZE:	

