



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit Submittal Guideline

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 105.6.35 of the CCFC.

PLEASE NOTE: For Civil Plans for new Fire Protection underground service mains, hydrants, and fire access lanes please see NFPA 24-Fire Service mains and access Fire 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 2022 edition
- *Standard for the Installation of Automatic Sprinklers*, NFPA 13, 2022 edition.
- *International Fire Code*, 2024 edition (IFC)
- *Clark County Fire Code Amendments*, 2024 edition (CCFC)

Standpipe systems shall be installed in accordance with Section 905 of the IFC as amended by the CCFC. The design shall be in accordance with NFPA 14.

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; customers 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:	

