CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU
4701 W Russell Rd, Las Vegas, NV 89118 • (702) 455-7316
Website: Fire Department (clarkcountynv.gov)
Email: FPPCQ@clarkcountynv.gov
Permit Submittal Guideline

NFPA 13D FIRE SPRINKLER SYSTEMS

This guide is to assist in the permitting process for NFPA 13D Fire Sprinkler Systems. A permit is required for the installation per 105.6.2 of the IFC.

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *Standard for the Installation of Sprinkler Systems in One-and-Two Family Dwellings*, NFPA 13D 2022 edition
- *Standard for the Installation of Sprinkler Systems*, NFPA 13, 2022 edition
- *International Fire Code*, 2024 edition (IFC)
- *Clark County Fire Code Amendments*, 2024 edition (CCFC)

NFPA 13D Fire Sprinkler systems are required per section 903.3.1.3 of the IFC as adopted by CCFC. Design shall be in accordance with the 2022 edition of NFPA 13D.

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. **PLANS:** To be designed to an indicated architectural scale and sized 30 x 42 inch saved to a .PDF file. Plans shall include all information applicable to project per NFPA 13 D 2022 Edition as amended by CCFC Section 4.4.
2. **HYDRAULIC CALCULATIONS:** Complete calculation report per NFPA 13 2022 section 28.4 as directed by NFPA 13D Section 10.4.3 (3).
3. **MATERIAL DATA:** Provide the manufacturers' specification sheets for all components.
4. **SUPPORTING DOCUMENTATION: Provide** documents that support the design. These would include:
   - Approved civil engineering plans
   - Approved Fire Protection Report (FPR) and/or an Alternate Means and Method Report(AMMR)
   - Las Vegas Valley Water District (LVVWD) water supply information
   - If any chemical additives are used in the project under the permit application, provide a copy of the response from LVVWD concerning the system. The LVVWD is to be notified of the use of chemical additives in a sprinkler system.
5. **Plans to be REVIEWED AND SIGNED** by a NICET Level 2 Designer in Water-Based Fire Protection Systems or a Nevada registered Professional Engineer working in their area of expertise per section 901.2.2. of the 2024 CCFC. **Submittals shall indicate the designer's name, certification number and signature.**