



Clark County Department of Building & Fire Prevention

4701 W. Russell Road, Las Vegas, NV 89118 • (702) 455-3000

Jerome A. Stueve, P.E., Director

James Gerren, P.E., Assistant Director

Samuel D. Palmer, P.E., Assistant Director

Danny Horvat, Asst. Fire Chief

Wayne Dailey, Asst. Fire Chief

FIRE PREVENTION: PERMIT GUIDE STANDPIPE SYSTEMS-NFPA 14

This guide is to assist in the permitting process for a standpipe system. A permit is required for the installation of fire standpipe systems per 105.7.24 of the IFC.

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *Standard for the Installation of Standpipe Systems, NFPA 14, 2016 edition*
- *International Fire Code, 2018 edition (IFC)*
- *Clark County Fire Code Amendments, 2018 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 the NFPA 14.

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

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" saved to a .PDF file. Plans shall include all information applicable to project per NFPA 14 Section 8.1.2 as amended by the CCFC.
2. **HYDRAULIC CALCULATIONS:** Complete hydraulic calculations per NFPA 14 section 8.2.
3. **MATERIAL DATA:** Provide manufacturer's specification sheets for all components.
4. **SUPPORTING DOCUMENTS:** Provide documents that support the design. These would include an approved civil plans, approved Fire Protection Report (FPR)/Alternative Material and Method Report (AMMR), structural approval letter, originally approved plans, flow test results, fire pump acceptance test/curve, and existing component specification sheets that affect system performance such as pressure reducing valves or backflow preventers.
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 CFCC. **Submittals shall include the designer's name, certification number and signature.**

HOW TO SUBMIT:

Plans are to be submitted electronically. Paper plans are no longer accepted. Files should be uploaded via the Clark County Citizen Access Portal:

<https://citizenaccess.clarkcountynv.gov/CitizenAccess/Default.aspx>

Consolidate your pdfs and upload your submittal into the requirement categories that apply to your project shown above; **Plans, Hydraulic Calculations, Material Data and Supporting documents.**

COMMUNICATION:

Once your plans are submitted you will receive a permit number (example= FP20-00000). Plan status can be viewed by logging into your account in the Customer Portal and typing in your fire permit number. <https://citizenaccess.clarkcountynv.gov/CitizenAccess/Default.aspx>

CONTACT PERSON ON APPLICATION: Ensure that the correct contact person is provided on the application. This will be the correspondent who receives all the email updates and correction comments once plan is submitted.

ADDITIONAL INFORMATION NEEDED: If you receive this request; Fire Intake has reviewed your submittal and there is additional information is needed for the review to proceed. It will be placed back in the Review Queue as soon as the additional information is received.

PLANS APPROVED: Once plans are approved, and fees are verified; an email will be sent to the contact person. Inspections can be scheduled after any outstanding **fees** are paid.

PLANS-CORRECTIONS REQUESTED: Once corrections are issued an email will be sent to the contact person. Customers should log in to customer portal and download the redlined plans and plan review comments.

FIRE PLAN REVIEW STAFF CONTACT LINK:

<https://cms8.revize.com/revize/clarknv/Building%20&%20Fire%20Prevention/Phone/Fire%20Prevention%20Contact%20LIST.pdf?t=1598331557874&t=1598331557874>

RE-SUBMITTALS AND REVISIONS:

1. **CORRECTIONS:** Corrected plans are to be submitted using the Customer Access Portal. A letter describing the changes shall be provided with your revised submittal. **Please Note:** The Redlined plans are already in the file and do not need to be uploaded again.
2. **REVISIONS:** If plans are revised after approval; revisions will need to be submitted and approved prior to **FINAL** system acceptance. Revisions are to be submitted the same manner as the original submittal. The following items should be included with a revision;
 - All changes should be **clouded and keyed** to Plan Revision# (FP20-00000-R001).
 - If any piping or fittings are added thus creating a greater hydraulic demand **revised** hydraulic calculations will need to be provided.
 - A revision letter shall also be provided indicating what changes were made and where they occur.
 - A copy of the original approved plans should be included.

Link to CITIZEN ACCESS HOW TO GUIDES:

https://www.clarkcountynv.gov/government/departments/building_fire_prevention/citizen_access_knowledge_base.php

SUBMITTAL SERVICE LEVEL OPTIONS/FEE SCHEDULE:

Service levels, base fees and an expected plan review due dates are established at the time of submittal. Different plan review service levels are available depending on scope of work, fees and staff availability. All service levels may not be available. Plans are reviewed in the order received

according to the expected due date. Note that due dates cannot be guaranteed. Refer to section 106.6 of the CCFC for additional information on fees.

INSPECTION OPTIONS/INSPECTION SCHEDULING:

https://www.clarkcountynv.gov/government/departments/building_fire_prevention/inspection/schedule_an_inspection.php