



NORTH LYON COUNTY FIRE PROTECTION DISTRICT

Permit Application Requirements Fire Alarm / Sprinkler Systems

Contact Information:

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Permit #

NORTH LYON COUNTY FIRE PROTECTION DISTRICT

Date

195 East Main Street, Fernley, NV 89408
 (775) 575-3310 Phone • (775) 575-3314 Fax
 northlyonfire.com

PERMIT APPLICATION

Project Address:		Area:
Project Name:		
Project Description:		
Owner:	Email	Phone:
Address:		Cell:
Builder:	Email	Phone:
Address		Cell:
Contact:	Email	Phone:
Address		Cell:
PERMIT TYPE:	Detection System: <input type="checkbox"/>	Suppression System: <input type="checkbox"/>
	Civil: <input type="checkbox"/>	Other: <input type="checkbox"/>

Project Value	
Based on: <input type="checkbox"/> Actual Value (<i>Proof Enclosed</i>) <input type="checkbox"/> Building Standards Valuation: \$ _____	Payment Enclosed: <input type="checkbox"/> Yes <input type="checkbox"/> No
All Fire Alarm plans must have Fire District Fire Alarm Standard Notes included. We have attached theses.	Permit Amount: \$ _____ Amount Paid: _____ Date: _____ Balance: _____ Receipt #: _____

I will save, indemnify and hold harmless North Lyon County Fire Protection District, its officers, employees, and agents against all liabilities, judgments, costs, and expenses which may accrue against them in consequence of the results of the review, inspections, or use of any on-site or off-site improvements placed by virtue hereof, and will in all things strictly comply with all applicable rules, ordinances, and laws.

Applicant Signature: _____ Date: _____

Permit Fee

PERMIT FEE TABLE 105.1.1
(Adjusted UBC 1997 Table 1A)

TOTAL VALUATION	FEE
\$1.00 TO \$500.00	\$25.85
\$501.00 to \$2,000.00	\$25.85 for the first \$500.00 plus \$3.36 for each additional \$100.00 or fraction thereof, to and including \$2000.00
\$2001.00 to \$25,000.00	\$76.18 for the first \$2,000.00 plus \$15.40 for each additional \$1,000.00 or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$430.38 for the first \$25,000.00 plus \$11.11 for each additional \$1,000.00 or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$708.13 for the first \$50,000.00 plus \$7.70 for each additional \$1,000.00 or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$1,093.13 for the first \$100,000.00 plus \$6.16 for each additional \$1,000.00 or fraction thereof, to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$3,557.13 for the first \$500,000.00 plus \$5.23 for each additional \$1,000.00 or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$6,169.63 for the first \$1,000,000.00 plus \$4.02 for each additional \$1,000.00 or fraction thereof

Note attached notes need to be included on plans submitted for Alarms or Sprinkler Systems.

STANDARD DISTRICT FIRE ALARM NOTES

PLEASE INCLUDE ON ALL PLANS

The following information shall be on the title sheet of the blueprints under the heading of:

District Required Information:

1. The applicable codes and standards used for system design and installation are the 2012 IFC, IBC, UMC, UPC and 2013 NFPA 72.
2. The building construction type and occupancy classification in accordance with International Building Code (IBC).
3. Project location, including the full address of the facility containing the alarm system, name and phone number of the project coordinator, facility owner and system designer. [IFC]
4. The performance class and style of each initiating device circuit (IDC), signaling-line circuit (SLC), and notification appliance circuit (NAC). [NFPA 72]

Provide the following notes verbatim in blue line on the plan:

- A. At completion of the project, a copy of "as built" drawings shall be provided to the owner/occupant along with written operating instructions, and maintenance/testing information for the fire alarm system. A 24-hour emergency response phone number, for the alarm company representative shall be permanently installed adjacent to the control panel. [IFC]
- B. After installation and testing has been completed and witnessed by a Fire Inspector from District, a completed NFPA Certificate of Compliance shall be issued from the installing company and provided to the fire prevention department and business owner. [IFC]
- C. All equipment, e.g. automatic detection devices, manual pull stations, duct detectors, etc, shall be located in accordance with their listing(s), and all exterior devices shall be listed for outdoor use. [IFC; NFPA 72]
- D. Manual pull or break glass stations shall be mounted at a height of 36-inches to 54-inches on center from finished floor. Manual pull or break glass stations shall be located in the normal path of all exiting at every exit from every level and spaced at a distance not to exceed 200 feet. [NFPA 72; IFC]
- E. Sprinkler system water flow alarm and supervisory initiating devices and their circuits located outside of buildings shall be so designed and installed that they cannot be readily tampered with, opened, or removed, without initiating a signal. In addition, all cable used in wet/damp or underground locations shall be listed for this use. [NFPA 72]
- F. Central Station Monitoring Facility (CSMF) shall be identified on the drawings including the name, address, phone number, and copy of the U.L. or F.M. listing number and certificate. [NFPA]
- G. Through penetration fire stopping for all fire rated walls, floor/ceilings and assemblies shall have an "F" or "T" rating per the IBC and standards. Fire stopping detail(s) with UL System Number shall be provided on the blueprints. All Fire Stopping shall comply with an approved "F" and "T" methods. This will be field inspected. [IBC]

STANDARD FIRE SPRINKLER NOTES
PLEASE INCLUDE ON ALL PLANS

District Fire Sprinkler Notes:

1. The District will require the following inspections and tests as a minimum:
 - Thrust block pre-pour, trench and backfill inspection.
 - Underground hydrostatic test.
 - Underground flush.
 - Weld Inspection (Fire Sprinkler)
 - Overhead installation and hydrostatic test.
 - Final fire sprinkler and underground inspections.Contact the District 48 hours in advance to schedule and inspection.
2. The installation of the sprinkler system shall comply with the following:
 - NFPA 13 2010 edition.
 - International Building Code 2012 edition.
 - International Fire Code 2012 edition.
3. In addition to and exterior bell, an interior audible device shall be provided at a normally occupied location and be provided with a sign stating “FIRE SPRINKLER ALARM – WHEN ALARM SOUNDS CALL 9-1-1”
4. Upon completion of the sprinkler system, the owner shall be provided with a copy of NFPA 25.
5. Automatic fire sprinkler systems design shall be limited 90 percent or the available water supply in hydraulically calculated systems.
6. If a system riser is to be connected by means of a wall, soffit, column, or other building construction it shall be provided with an opening with a minimum dimension of two feet six inches wide by six feet eight inches tall.
7. All control valves and water flow switches on all sprinkler systems shall be electronically monitored.
8. All systems shall have a Post Indicator Valve on the exterior of the building, unless approved without by Fire Official.
9. The end sprinkler on a line shall be restrained against excessive vertical and lateral movement by use of a wrap-around U-hook or by other approved means.
10. All electrical rooms, upright sprinklers at the roof or in the attic space, or exterior sprinkler heads shall be of an intermediate temperature head.