



Cold Weather

ACI 308-8

R5.12 – Cold Weather Requirements

Recommendations for cold weather concreting are given in detail in ACI 306R.

ACI 306R

Chapter 4 – Preparation before Concreting

4.1 – Temperature of surfaces in contact with fresh concrete

Preparation for concreting, other than mentioned in Section 2.1, consists primarily of insuring that all surfaces that will be in contact with newly placed concrete are at temperatures that cannot cause early freezing or seriously prolong setting of the concrete. Ordinarily, the temperatures of these contact surfaces, including subgrade materials, need not be higher than a few degrees above freezing, say 35F (2C), and preferably not more than 10 F (5C) higher than the minimum placement temperatures given in Line 1 of Table 3.1.

4.3 – Removal of snow and ice

All snow, ice, and frost must be removed so that it does not occupy space intended to be filled with concrete.

Hot-air jets can be used to remove frost, snow, and ice from forms, reinforcement, and other embedments.

Unless the work area is housed, this work should be done immediately prior to concrete placement to prevent refreezing.

4.4 – Condition of subgrade

Concrete should not be placed on frozen subgrade material. The subgrade sometimes can be thawed acceptably by covering it with insulating material for a few days before the concrete placement, but in most cases external heat must be applied. Experimenting at the site will show what combinations of insulation and time causes subsurface heat to thaw the subgrade material. If necessary, the thawed material should be re-compacted.

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*The Building Department will be **CLOSED** January 16 and February 20*



Home Heating Tips

The City of Elko Fire Department is pleased to provide the community with the following winter home heating tips distributed by the U.S Fire Administration.

Following these simple tips will help preserve and protect your property and family.

Fireplace and Home Fire Safety

More than one-third of Americans use fireplaces, wood stoves and other fuel-fired appliances as primary heat sources in their homes. Unfortunately, many people are unaware of the fire risks when heating with wood and solid fuels.

Heating fires account for 36% of residential home fires in rural areas every year. Often these fires are due to creosote buildup in chimneys and stovepipes. All home heating systems require regular maintenance to function safely and efficiently.

The United States Fire Administration (USFA) encourages you to practice the following fire safety steps to keep those home fires safely burning. Remember, fire safety is your personal responsibility ...

Fire Stops With You!

Keep Fireplaces and Wood Stoves Clean

- Have your chimney or wood stove inspected and cleaned annually by a certified chimney specialist.
- Clear the area around the hearth of debris, decorations and flammable materials.
- Leave glass doors open while burning a fire. Leaving the doors open ensures that the fire receives enough air to ensure complete combustion and keeps creosote from building up in the chimney.
- Close glass doors when the fire is out to keep air from the chimney opening from getting into the room. Most glass fireplace doors have a metal mesh screen which should be closed when the glass doors are open. This mesh screen helps keep embers from getting out of the fireplace area.
- Always use a metal mesh screen with fireplaces that do not have a glass fireplace door.
- Install stovepipe thermometers to help monitor flue temperatures.
- Keep air inlets on wood stoves open, and never restrict air supply to fireplaces. Otherwise you may cause creosote buildup that could lead to a chimney fire.
- Use fire-resistant materials on walls around wood stoves.



Home Heating Tips

Safely Burn Fuels

- Never use flammable liquids to start a fire.
- Use only seasoned hardwood. Soft, moist wood accelerates creosote buildup.
- Build small fires that burn completely and produce less smoke.
- Never burn cardboard boxes, trash or debris in your fireplace or wood stove.
- When building a fire, place logs at the rear of the fireplace on an adequate supporting grate.
- Never leave a fire in the fireplace unattended. Extinguish the fire before going to bed or leaving the house.
- Soak hot ashes in water and place them in a metal container with a lid outside your home.

Protect the Outside of Your Home

- Stack firewood outdoors at least 30 feet away from your home.
- Keep the roof clear of leaves, pine needles and other debris.
- Cover the chimney with a mesh screen spark arrester.
- Remove branches hanging above the chimney, flues or vents.

Protect the Inside of Your Home

- Install smoke alarms on every level of your home and inside and outside of sleeping areas. Test them monthly and change the batteries at least once a year. Consider installing the new long life smoke alarms.
- Provide proper venting systems for all heating equipment.
- Extend all vent pipes at least three feet above the roof.

Please feel free to contact us to assist you in providing and or maintaining the highest level of property protection and life safety.

Thank you for allowing our family at Elko Fire Department to help yours!

Sincerely,
Joshua Carson
Deputy Fire Marshal
Elko Fire Department
775 777-7352





CITY OF ELKO

Building Department
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Elko, NV 89801

Need To Contact The City Building Department?

Building Official:

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Phone: 775-777-7221
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Building Inspector:

Layne Kenley

Permit Technician:

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Technical Assistant:

Christine Kuhlman
ckuhlman@ci.elko.nv.us

Building Department Phone: 775-777-7220

Meet Our New City Planner

Greg Evangelatos, AICP is the new City Planner for the City of Elko. He came on board November 28, 2011. Greg has an extensive background in both government and the private sector relative to municipal planning and development. Greg has been in the State of Nevada since 1977. He spent over 16 years with the City of Sparks, Nevada as Zoning Officer, Senior Planner, Principal Planner and finally Planning and Community Development Director for 8 years. Greg was also a partner in a planning and engineering firm for 8 years and spent nearly 5 years working for Landmark and Centex Homes on projects in Reno, Sparks, Carson City, Fernley and Dayton. He has been married for 34 years to his wife Jeanine and they have one son Gregory Michael who will be going to medical school this upcoming year. Greg truly enjoys the process of “community building” and is here to assist the building and development community in achieving the goal of building a better Elko. You can reach him at 775-777-7162, e-mail at gevangelatos@ci.elko.nv.us or come by city offices to visit.



January Did you Know?

1. January is known as National Soup month in America.
2. In January of 1964, the 1st Country Music Album became #1 on the Billboard Pop Music Chart: the Johnny Cash record ‘Ring of Fire’.
3. Did you know that President Lincoln issued the EMANCIPATION PROCLAMATION on New Years Day in 1863, ending slavery in America?