



Elevation Certificates: Who Needs Them and Why

If your home or business is in a high-risk area, your insurance agent will likely need an Elevation Certificate (EC) to determine your flood insurance premium. Floods mean rising water. Knowing your building's elevation compared to the estimated height floodwaters will reach in a major flood helps determine your flood risk and the cost of your flood insurance. An EC documents the elevation of your building for the floodplain managers enforcing local building ordinance, and for insurance rating purposes.

How an EC Is Used

If your building is in a high-risk area—a zone indicated with the letters A or V on a Flood Insurance Rate Map (FIRM)—the EC includes important information that is needed for determining a risk-based premium rate for a flood insurance policy. For example, the EC shows the location of the building, Lowest Floor Elevation, building characteristics, and flood zone.

Your insurance agent will use the EC to compare your building's elevation to the Base Flood Elevation (BFE) shown on the map being used for rating and determine the cost to cover your flood risk.

The BFE is the elevation that floodwaters are estimated to have a 1 percent chance of reaching or exceeding in any given year. The higher your lowest floor is above the BFE, the lower the risk of flooding. Lower risk typically means lower flood insurance premiums.

Who Needs an EC

For certain high-risk structures, an EC is required by an insurer as a condition for issuing flood coverage. There are exceptions. For example, if your building was constructed before your community's first FIRM became effective (known as pre-FIRM) and you are eligible for a subsidized rate, you do not need an EC to purchase coverage. However, subsidized rates for pre-FIRM buildings are being phased out through annual premium increases. Your full-risk rate is specific to the property, and an EC will be needed to calculate the property-specific full-risk rate. Depending on your elevation, the full-risk rate could already be lower than the subsidized rate.

Where to Get an Elevation Certificate for Your Building

1. Ask your local floodplain manager. One might already be on file. Every National Flood Insurance Program (NFIP)—participating community has a floodplain manager, but that person might have a different title or serve in multiple capacities.
2. Ask the sellers. When buying a property, ask the sellers to give you their EC. If they don't have an EC, ask if they can provide one before settlement.
3. Ask the developer or builder. In a high-risk area, the developer or builder might have been required to get an EC at the time of construction.
4. Check the property deed. ECs sometimes are included with the property deed.
5. Hire a licensed land surveyor, professional engineer, or certified architect who is authorized by law to certify elevation information. For a fee, these professionals can complete an EC for you. To find a professional surveyor:
 - Check with your State professional association for land surveyors.
 - Ask your State NFIP coordinator.
 - Talk to your local building permit office.

ECs are not required and are not used for rating in moderate- to low-risk areas (Zones X, B, and C), undetermined risk areas (Zone D), or certain high-risk areas eligible for other subsidies (e.g., Zones AR and A99). If you need to document that your building is in one of these zones, you can simply provide a copy of the current FIRM that marks the building's location or obtain a letter signed and dated by a community official listing the building's address and flood zone. The property will remain eligible for the NFIP grandfather procedure if continuous coverage is maintained.

When You Need a New EC

If you make substantial changes to your building in a high-risk area—for example, you make an addition to your home or convert the garage to living space—you likely need a new EC to reflect the new building characteristics and Lowest Floor Elevation.

When You Do Not Need a New EC

As long as the structure information on your EC is accurate, you do not need a new one. If you get an EC from the previous property owner or have a copy of the one on file with your community, your insurance agent can use the EC to rate your policy.

If your community adopted new FIRMs and your building has not changed, your insurance agent can rate your policy using the information on the old EC and the FIRM used to rate your policy. However, you might need to provide additional information, such as new photographs of your home or business.

Plan for the Future

Building code requirements might change over time as flood risk changes and maps are updated. If you are remodeling or rebuilding, consider elevating to lower your flood risk, which, in turn, can lower your flood insurance rates and reduce the financial impact of the next flood.

USEFUL TERMS

- **Base Flood:** The flood having a 1 percent chance of being equaled or exceeded in any given year.
- **Base Flood Elevation (BFE):** The water surface elevation, expressed as an elevation above sea level, of the base flood. This is the minimum elevation a community must adopt for building standards.
- **Flood Insurance Rate Map (FIRM):** A map issued by the Federal Emergency Management Agency (FEMA) showing flood hazard areas, BFEs, and risk premium zones.
- **Pre-FIRM:** Buildings constructed before the community's first FIRM. Communities might not have elevation information on file for these properties.
- **Post-FIRM:** A building constructed on or after the date of the initial FIRM for your community. FIRM effective dates can be found at FEMA.gov/FEMA/csb.shtm.

Resources:

For flood insurance information and to find an agent: FloodSmart.gov

Find your flood zone: msc.FEMA.gov

Locate your State floodplain manager: floods.org

Contact a surveyor from your National Society of Professional Surveyors state affiliate: nsps.us.com

Download a copy of the Elevation Certificate: FEMA.gov/media-library/assets/documents/160



Unmapped Areas on Flood Hazard Maps

Understanding Zone D

BACKGROUND

Flood hazard maps, also known as Flood Insurance Rate Maps (FIRMs), are important tools in the effort to protect lives and properties in communities across the nation. By showing the extent to which areas of a community and individual properties are at risk for flooding, these flood maps help residents and business owners make better financial decisions about protecting their property.

However, flood risks are dynamic and can change over time. Water flow and drainage patterns can be altered dramatically due to surface erosion, land use, and natural forces. As a result, flood maps for those areas may no longer accurately portray the current flood risks. Consequently, the Federal Emergency Management Agency (FEMA) has been updating the nation's flood maps using the latest data gathering and mapping technology and new flood maps are being issued nationwide.

UNDERSTANDING ZONE D

The level of flood risk is indicated on the flood map by a letter. For example, flood zones labeled with the letters B, C or X represent moderate- and low-risk areas. Flood zones identified by the letters A or V represent high-risk areas, known as Special Flood Hazard Areas (SFHAs). On some flood maps, there may also be a zone labeled with the letter D. The Zone D designation is used for areas where there are possible but undetermined flood hazards, as no analysis of flood hazards has been conducted. The designation of Zone D is also used when a community incorporates portions of another community's area where no map has been prepared.

Flood insurance is available in Zone D and property owners should be encouraged to purchase it. However, flood insurance is not federally required by lenders for loans on properties in these zones. Although these areas are often undeveloped and sparsely populated when designated as Zone D, lenders may become aware that new development in such areas has increased the possibility of property damage from flooding. Consequently, they may require coverage as a condition of their loans, even though it is not federally required.

Flood insurance rates for properties in Zone D are commensurate with the uncertainty of the flood risk. Consequently, as seen in the table below, the Zone D premiums can be higher than a standard low-risk X zone premiums and significantly higher than the Preferred Risk Policy (PRP) premiums. If an area is being remapped and properties are going from Zone B, C, or X to Zone D, the insurance agent should determine if grandfathering the existing low-risk zone for future rating will provide a lower premium than using the new Zone D premium. Also, since Zone D is not considered an SFHA, a property that was designated in Zone D on the previous map and is newly designated in an SFHA by a map revision effective may be insured under the PRP based on the 2-year PRP eligibility extension. More details on grandfathering and PRP Extension can be found at www.fema.gov/library/viewRecord.do?id=3745.

Premium Comparison (October 1, 2011 Rates)

FIRM Date*/Building Type	Preferred Risk Policy (Zone B, C, X)	Standard Rates (Zone B, C, X)	Standard Rates (Zone D)
Pre-FIRM Home**	\$211	\$778	\$575
Post-FIRM Home**	\$211	\$778	\$952
Pre-FIRM Manufactured Home***	\$211	\$778	\$575
Post-FIRM Manufactured Home***	\$211	\$778	\$1,197

*Pre-FIRM buildings are constructed prior to 12/31/74 or the effective date of the initial flood map; Post-FIRM buildings are constructed on or after the effective date of the initial flood map

**Based on \$50,000 in building and \$20,000 in contents coverage; single family home on a slab with no garage; \$1,000 deductible for building and for contents for Zone B, C, X and post-FIRM D; \$2,000 deductible for pre-FIRM Zone D

***Based on \$50,000 in building and \$20,000 in contents coverage; permanently affixed to a lot with no enclosure; \$1,000 deductible for building and for contents for Zone B, C, X and post-FIRM D; \$2,000 deductible for pre-FIRM Zone D

To learn more about flood insurance coverage and options, visit www.FloodSmart.gov. For more information about FEMA's latest mapping initiatives, visit www.fema.gov/plan/prevent/fhm/index.shtm.