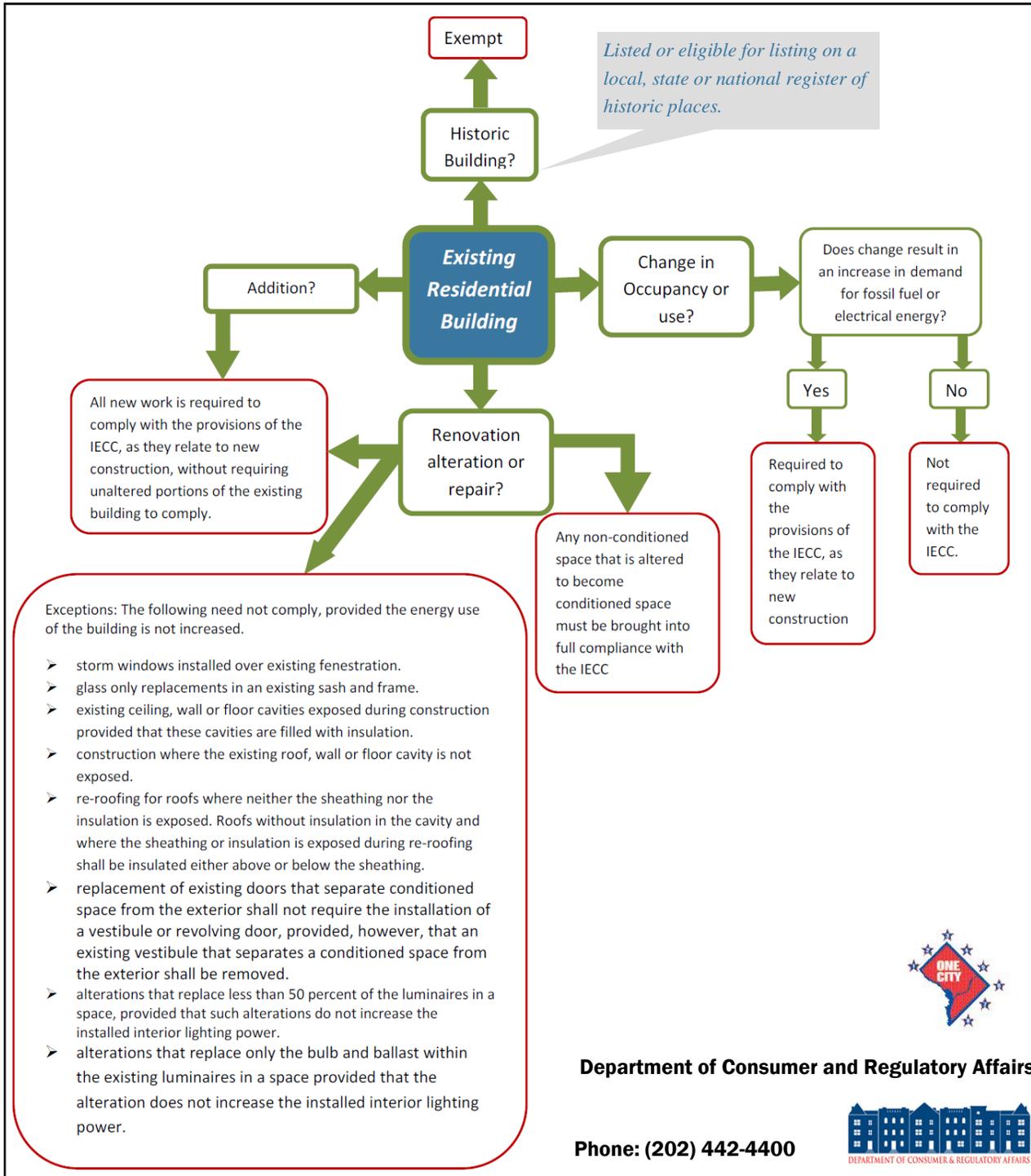
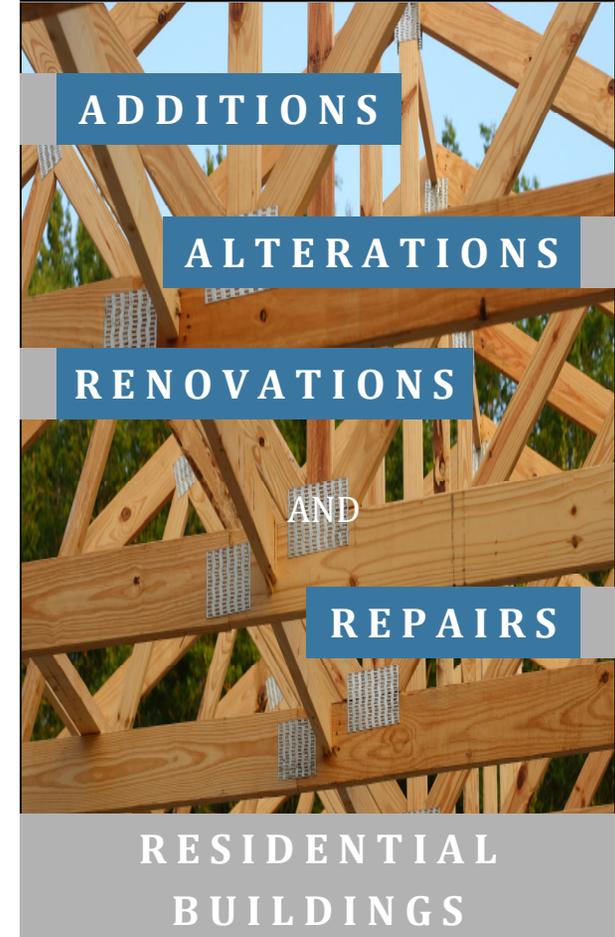


DOES MY PROJECT HAVE TO COMPLY?



The
International Energy Conservation Code
as applied to:



Definitions

Alteration is any construction or renovation to an existing structure other than repair or addition that requires a permit. Also a change in a mechanical system that involves an extension, addition or change to the arrangement, type or purpose of the original installation that requires a permit.

Repair is the reconstruction or renewal of any part of an existing building.

Addition is the extension or increase in the conditioned space, floor area or height of a building or structure.

Conditioned Space is an area or space within a building being heated or cooled, containing uninsulated ducts, or with a fixed opening directly into an adjacent conditioned space.

Residential Building in the IECC includes single- and multi-family buildings (R-2, R-3 and R-4) three stories or less in height above grade.

Building Thermal Envelope is the basement walls, exterior walls, floor, roof, and any other building elements that enclose conditioned space. This boundary also includes the boundary between conditioned space and any exempt or unconditioned space.

Requirements



Photo courtesy of Landis Construction



Photo courtesy of Landis Construction

Any attic or other non-conditioned space that is altered to become conditioned space shall be brought into full compliance with the IECC¹.



Photo courtesy of Landis Construction

If a cavity within the building thermal envelope is exposed and contains no insulation, or the insulation does not completely fill the cavity, the exposed cavity is required to be "filled" with insulation.



Photo credit: U.S. Dept. of Energy

World's Best Window Co. Millennium 2000™ Vinyl Clad Wood Frame Double-Pane, Angled 5th Case E Product Type: Vertical Slider	
ENERGY PERFORMANCE RATINGS U-Factor (U.S./F) Solar Heat Gain Coefficient	
0.35	0.32
ADDITIONAL PERFORMANCE RATINGS Visible Transmittance Air Leakage (U.S./F)	
0.51	0.2
Condensation Resistance	51

When replacing a window assembly, it must comply with the IECC requirements (U-factor, solar heat gain, and air leakage). When only replacing the glass in an existing sash and frame, the glass is not required to comply with the IECC.



Photo credit: U.S. Dept. of Energy

The replacement of a HVAC unit is required to comply with the IECC. This would include the sealing of the air handler, filter boxes, plenums and any connecting ductwork as well as equipment sizing.

All portions of an addition shall comply with the applicable provisions of the IECC without requiring unaltered portions of the existing home to comply.



Photo courtesy of Landis Construction

Project Checklist

- Insulation
- Air Sealing
- Fenestration (windows/doors)
- Ducts
- Heating/Cooling Equipment
- Lighting



Department of Consumer and Regulatory Affairs

Phone: (202) 442-4400



¹IECC is the International Energy Conservation Code and is published by the International Code Council (ICC). For more information about the IECC or to purchase a copy, visit www.iccsafe.org.

*This brochure is NOT an ICC publication, but has been reviewed by ICC Technical Staff for accuracy. Specific code requirements and the interpretation thereof, are the sole authority of the adopting jurisdiction.

Specific questions regarding your project should be directed to your local code official.