INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

———— TELLER COUNTY BUILDING DEPARTMENT ————

Email: cdd@tellercounty.gov • P: 719-687-3048 • www.tellercounty.gov/Building-Division

PROPERTY INFORMATION

Property Address: _____

Property Owner Name: _____

Phone Number: _____ Email: _____

This certificate is based on the 2018 International Energy Conservation Code (IECC), as adopted by the 2023 Teller County Building Code. This certificate is applicable to One- and Two-family Dwellings as well as R-2, R-3, and R-4 buildings three stories or less in height. This certificate is required to be submitted as part of the plan review package.

METHOD OF ENERGY CODE COMPLIANCE

The IECC provides various options for compliance with minimum standards. **Check a circle below** to indicate the method of compliance:

- o Prescriptive Method (IECC Sections R402 through R404)
- o U-Factor Alternative (IECC Section R402.1.4)
- o Total UA Compliance (IECC Section R402.1.5) *1
- o Compliance materials approved by Building Official (RES-check) *1
- o Simulated Performance Alternative (IECC Section R405) *2
- o Energy Rating Index Compliance Alternative (IECC Section R406)

> ***1: Please attach documentation and calculations to substantiate compliance.**
>
> ***2: If the Simulated Performance Alternative is selected, please attach a summary of compliance. Complete third-party documentation of compliance must be submitted at the time of final inspection.**

PRESCRIPTIVE METHOD REQUIREMENTS BY COMPONENT (2018 IECC Table R402.1.2)

Climate Zone 5B	Fenestration U-Factor	Skylight U-Factor	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value	Floor R-Value	Basement Wall R-Value	Slab R-Value & Depth	Crawlspace Wall R-Value
0.32^b	0.32^b	.55^b	49	20 or 13+5^f	13/17^g	30^e	15/19^c	10, 2 ft^d	15/19^c

a. R-values are minimums. U-factors are maximums. Where insulation is installed in a cavity that is less than the label or design thickness of the insulation, the installed R-value of the insulation shall be not less than the R-value specified in the table above.
b. The fenestration U-factor column excludes skylights.
c. "15/19" means R-15 continuous insulation on the interior or exterior of the home or R-19 cavity insulation on the interior of the basement wall. Alternatively, compliance with "15/19" shall be R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulation on the interior or exterior of the home.
d. R-5 insulation shall be provided under the full slab area of the heated slab in addition to the required slab edge insulation R-value for slabs, as indicated in the table above. The slab edge insulation for heated slabs shall not be required to extend below the slab.
e. Alternatively, insulation sufficient to fill the framing cavity providing not less than an R-value of R-19.
f. The first value is cavity insulation, the second value is continuous insulation. Therefore, as an example, "13+5" means R-13 cavity insulation plus R-5 continuous insulation.
g. Mass walls shall be in accordance with Section R402.2.5. The second R-value applies where more than half of the insulation is on the interior of the mass wall.

INSULATION DATA

Enter the appropriate values and type of insulation (ex: blow-in, fiberglass, foam plastic, other) for the scope of work that coincide with the compliance method selected above. This data is required for all methods of compliance. Prescriptive method is based on the table above.

_____ Wall R-Value (wood frame or mass)   _____ Floor R-Value (above unheated space)   _____ Ceiling R-Value

_____ Slab Perimeter R-Value (24" minimum)   _____ Basement Wall R-Value

_____ Floor R-Value (above exterior space)   _____ Skylight U-Factor

_____ Glazing U-Factor   _____ Crawlspace Wall R-Value

I certify all the above information is true and correct to the best of my knowledge.

Homeowner Signature: _____ Date: _____

Contractor Signature: _____ Date: _____

Permit applications, permit information and contractor information available at https://www.tellercounty.gov/Building-Division