

RECD1-6-22

IECC: R405.2

Proponents: Ian Finlayson, representing IECC RE Economics, Modeling, Metrics subcommittee

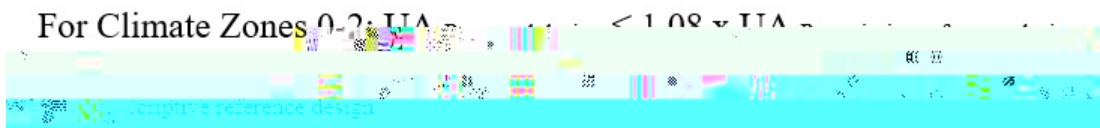
2024 International Energy Conservation Code [CE Project]

Revise as follows:

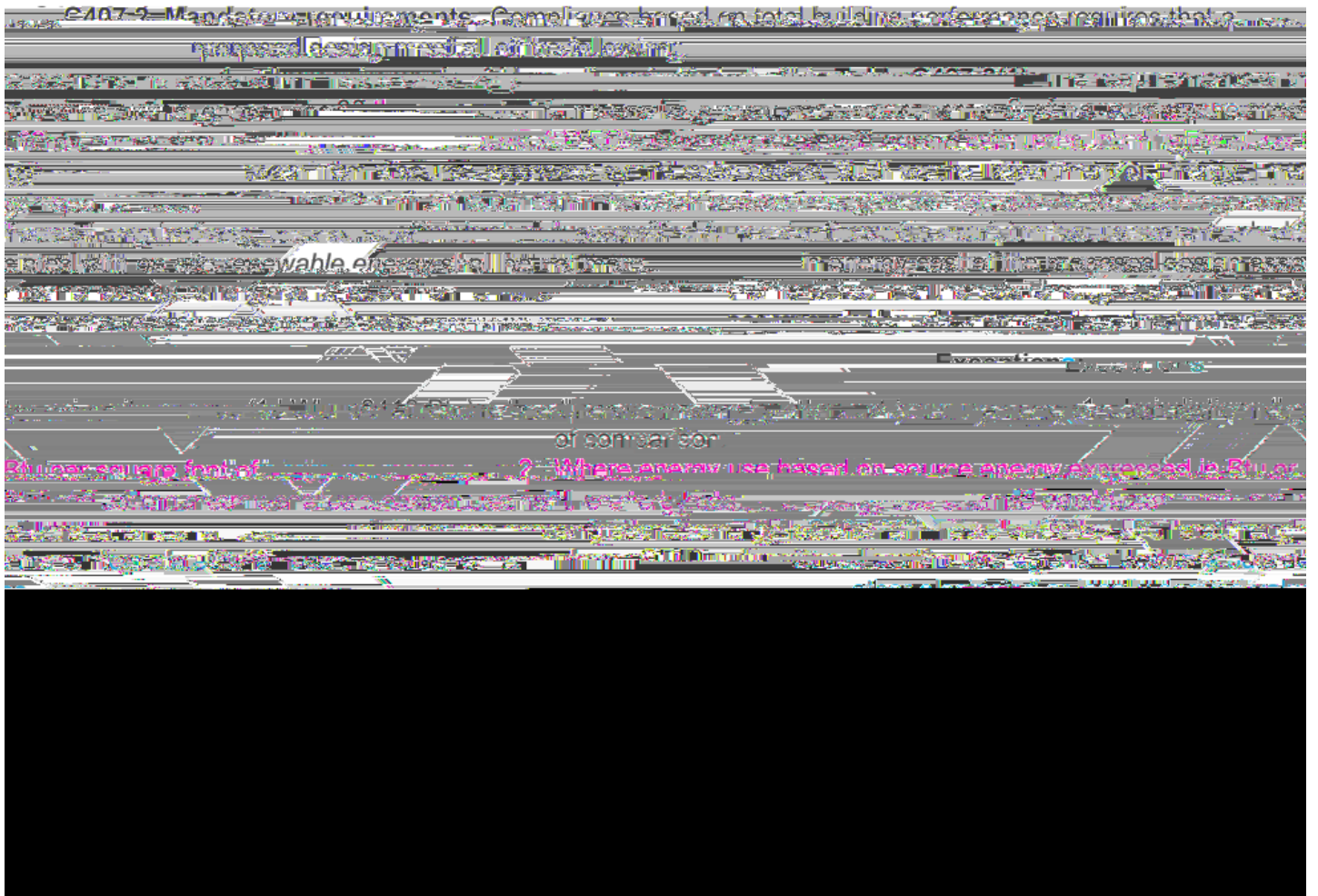
R405.2 Simulated performance compliance. Compliance based on total building performance requires that a proposed design meets all of the following:

1. The requirements of the sections indicated within Table R 405.2.
2. The proposed total building thermal envelope UA, which is the sum of the U-factor times assembly area, shall be less than or equal to the building thermal envelope UA using the prescriptive U-factors from Table R402.1.2 multiplied by 1.15 in accordance with Equation 4-1, the building thermal envelope UA using the prescriptive U-factors from Table R402.1.2 multiplied by 1.15 in accordance with Equation 4-1. The area-weighted maximum fenestration SHGC permitted in Climate Zones 0 through 3 shall be:

(Equation #)



3.



Cost Impact: The code change proposal will neither increase nor decrease the cost of construction.
No cost impact

See cost effectiveness calculator <https://www.iccsafe.org/wp-content/uploads/Copy-of-Source-Multipliers.xlsx>