



City of Denton Texas 2021 IECC Residential Energy Compliance Certificate Path

PROVIDE THIS FORM AT PERMIT SUBMITTAL

Department of Development Services
Building Inspections

Permit Address: _____ **Permit #:** _____

R401.2 – Residential buildings shall comply with one of the following.

All mandatory provisions apply:

Option 1A – Prescriptive: Sections R401 through R404:

R401 General; R402 Building Thermal Envelope [Using table R402.1.2) Insulation and Fenestration requirements by component]; R403 Systems; R404 Electrical Power and Lighting Systems (Mandatory)

Option 1B – Prescriptive Using REScheck UA Approach Only: Sections R401 through R404

R401 General; R402 Building Thermal Envelope; R402.1.5 Total UA alternative; R403 Systems; R404 Electrical Power and Lighting Systems (Mandatory)

Option 2 – Performance Approach: Section R405 (Attach as-built report to final testing report)

R405 Total Building Performance

Option 3 – Energy Rating Index Compliance Alternative: Section R406

Includes compliance with requirements from Sections R401 through R402 as indicated in Table 406.2. MAX ERI is 63 until 8/31/2022; then goes to MAX ERI 59 from September 1, 2022 to August 31, 2025.

Option 4 – ENERGY STAR Certified Home (Attach certificate to final testing report)

R102.1.1 Above Code Programs; Includes compliance with requirements from Sections R401 through R402 as indicated in Table 405.2. And Sections R402.4.1.2; R403.3.3; and R403.6.3.

Option 5 – HERS -Home Energy Rating System 2018 IECC Texas HB 3215 (87R)

Includes compliance with ANSI/RESNET/ICC 301, as it existed on January 1, 2021.
Includes compliance with the Mandatory requirements of 2018 IECC Section R406.2.
Includes compliance with the Building Thermal Envelope provisions of the 2018 IECC R402.1.2 or 2018 IECC R402.1.4.

I certify that I have reviewed the construction documents including, but not necessarily limited to, insulation materials and R-values; fenestration U-factors and SHGC values; area-weighted average U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; equipment and systems controls; duct sealing, duct and piping insulation and location; and air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above.

Print Name: _____ **Certification Number:** _____

Energy Rater/Preparer Company: _____

Signature of Energy Rater/Preparer: _____ **Date:** _____

ATTACH THE APPLICABLE COMPLIANCE REPORT