



City of North Richland Hills
Residential Energy Compliance Path
Energy Code Requirements of the 2021 IECC (IRC) as amended
Submit with application for either



☐ **A building permit OR** ☐ **A Certificate of Occupancy**

Project Address: _____

Project shall comply with one of the following:

☐ **Option #1 – Prescriptive Compliance: Sections R401 through R404 (N1101 through N1104)**

☐ **Option #2 – Total Building Performance Compliance: Section R405 (N1105)**

- Includes compliance with requirements from Sections R401 through R402 as indicated in Table R405.2

☐ **Option #3 – IECC Energy Rating Index Compliance: Sections R406 (N1106)**

- Includes compliance with requirements from Sections R401 through R402 as indicated in Table R406.2

- Note: The HERS[®] index is not valid for code compliance.

☐ **Option #4 – ENERGY STAR Certified Homes[®] R102.1.1 (N1101.4.1)**

- Includes compliance with requirements from Sections R401 through R402 as indicated in Table R405.2
- Includes compliance with requirements from Section R402.4.1.2 (N1102.4.1.2), R403.3.3 (N1103.3.3), and R403.6.3 (N1103.6.3).

- Note: Each 1- and 2-family dwelling shall be tested.

☐ **Option #5 – HB 3215 (87R) Home Energy Rating System Index Compliance**

- 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 Building thermal envelope provision of 2018 IECC R402.1.2 or 2018 IECC R402.1.4.

Attach appropriate site-specific design compliance report and inspection checklist. Name and version of the compliance software (if selecting Option 2 through 5): _____

I certify that I have verified 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, mechanical ventilation, sizes and efficiencies; equipment and system controls; duct sealing, duct and piping insulation and location; air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above.

Agency and Certification Number: _____

Signature of Responsible Party: _____

Printed Name and Title of Responsible Party: _____