



Residential New Home Energy Inspections

There will be 2 inspections required, one at pre-drywall and one at final. Duct testing must be conducted at finals, but prior to the Building Final.

Pre-drywall inspection to include:

- Insulation R-Value Installed
- Quality of Insulation Installation
- Window Values
- Proper Sealing of Envelope
- Thermal Bypass Enclosure installed in appropriate locations
- Inspection of Duct System Connections for proper sealing techniques

Final Inspection to include:

- Attic Insulation Installed R-Value and Quality
- Space Heating and Cooling Equipment Efficiencies
- Water Heating Equipment Efficiency
- Weather Stripping of all Doors (and Attic Access located within Conditioned Space)
- Duct Leakage Testing
- Blower Door Testing

Third party energy inspectors must have one of the certifications listed below and must be registered with the City of Simonton prior to conducting any inspections.

ICC Certifications
BPI Certification

HERS Certification
Proof of Experience Performing Diagnostic Testing

The third party inspector must leave verification of compliance on site for city inspector. Building finals will not be approved unless all required documentation is received. Bureau Veritas inspectors will acquire the documentation in the field prior to completing any subsequent inspection past the stage of energy approval.