



# International Energy Conservation Code (2021) Final Inspection Form



|                  |   |                              |                                   |
|------------------|---|------------------------------|-----------------------------------|
| Account:         | Indrasena Varakantham                                 | Site Contact:                | Susan Horak                       |
| Address:         | 817 Brett Drive Allen, TX 75013                       | Community/Development:       | Montgomery Farm                   |
|                  |   | Model/Plan:                  | 817 Brett Drive                   |
| Program(s):      | City Forms, Home Energy Rating, Residential IECC 2021 | Cond. Area (SF)/Volume (CF): | 5356.0 / 65040.5                  |
| Inspector/Rater: | Sporkey Ewbanks                                       | Certification #:             | HERS: 7427364 , IECC: 10333490    |
|                  |   | Email:                       | sewbanks@foxenergyspecialists.com |
| Phone:           | 346-901-0066  | Date:                        | 09/06/2024                        |

2021 IECC Compliance Path ☐ R401-R404 - Prescriptive ☒ R405 - Performance ☐ R406 - ERI ☐ ENERGY STAR ☐ TX HB 3215

Final Visual Inspection Type: ☒ FINAL VISUAL INSPECTION ☐ FINAL VISUAL RE-INSPECTION

## Inspector Comments

Notes: All testing items passed. Please insulate water heater pipes with R3 pipe insulation. Sporkey Ewbanks

## Visual Inspection Items

### Furnace & A/C Coil

| A/C Coil 1                   | A/C Coil 2                        | A/C Coil 3                        | A/C Coil 4                |
|------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| Model#: 4TXCC009DS3HCBB      | Model#: 4TXCB004DS3HCBV           | Model#:                           | Model#:                   |
| Serial#: 230940PKCG          | Serial#: 22312W18CV               | Serial#:                          | Serial#:                  |
| Location: Conditioned area   | Location: Conditioned area        | Location:                         | Location:                 |
| Furnace 1                    | Furnace 2                         | Furnace 3                         | Furnace 4                 |
| Model#: 89V2C100U5PSBDA      | Model#: S9V2B040U3PSBDA           | Model#:                           | Model#:                   |
| Efficiency (AFUE): 90        | Efficiency (AFUE): 90             | Efficiency (AFUE):                | Efficiency (AFUE):        |
| Output Capacity (kBtu/h): 90 | Output Capacity (kBtu/h): 36      | Output Capacity (kBtu/h):         | Output Capacity (kBtu/h): |
| Fuel Type Natural gas        | Correct A/C filter installed? Yes | Setback thermostat installed? Yes |                           |

### A/C Unit (Condenser)

| A/C Condenser 1              | A/C Condenser 2              | A/C Condenser 3           | A/C Condenser 4           |
|------------------------------|------------------------------|---------------------------|---------------------------|
| Brand: Trane                 | Brand:                       | Brand:                    | Brand:                    |
| Model#: 4TTV8X60A1000AA      | Model#: 4TTV8X36A1000AA      | Model#:                   | Model#:                   |
| Serial#: 23405MC6JF          | Serial#: 242351S8JF          | Serial#:                  | Serial#:                  |
| Output Capacity (kBtu/h): 60 | Output Capacity (kBtu/h): 36 | Output Capacity (kBtu/h): | Output Capacity (kBtu/h): |
| SEER: 16                     | SEER: 16                     | SEER:                     | SEER:                     |
| Location: Ambient            | Location: Ambient            | Location:                 | Location:                 |

## Heat Pump

| Heat Pump 1                 | Heat Pump 2                 | Heat Pump 3               | Heat Pump 4               |
|-----------------------------|-----------------------------|---------------------------|---------------------------|
| Brand:                      | Brand:                      | Brand:                    | Brand:                    |
| Model#:                     | Model#:                     | Model#:                   | Model#:                   |
| Serial#:                    | Serial#:                    | Serial#:                  | Serial#:                  |
| Output Capacity (kBtu/h): 0 | Output Capacity (kBtu/h): 0 | Output Capacity (kBtu/h): | Output Capacity (kBtu/h): |
| SEER: 0                     | SEER: 0                     | SEER:                     | SEER:                     |
| HSPF: 0                     | HSPF: 0                     | HSPF:                     | HSPF:                     |
| Location: None              | Location: None              | Location:                 | Location:                 |

Piping insulation protected from weather damage and shielded from solar radiation per R403.4.1?

Yes ☒ No ☐ N/A ☐

## Mechanical Ventilation

|                   |                 |               |                |
|-------------------|-----------------|---------------|----------------|
| Type: Supply Only | Rate (CFM): 312 | Fan Watts: 53 | Hours/Day: 7.1 |
|-------------------|-----------------|---------------|----------------|

## Utility Details

|                        |                          |
|------------------------|--------------------------|
| Meter Manufacturer: LG |                          |
| ESID/Meter#: 181337111 | Electric Provider: Oncor |

## Water Heating

| Brand  | Model#      | Serial#    | Fuel Type   | Size (gal) | EF   | Location                   | Extra Tank Ins. (R-Value) | Pipe Ins. (R-Value) |
|--------|-------------|------------|-------------|------------|------|----------------------------|---------------------------|---------------------|
| Navien | NPE-240A2(I | 2087D24116 | Natural gas | 0          | 0.97 | Garage or open crawl space | 0                         | 3                   |
|        |             |            |             |            |      |                            |                           | 3                   |
|        |             |            |             |            |      |                            |                           | 3                   |

## Attic Insulation

|  |                                |   |   |
|--|--------------------------------|---|---|
| <b>Flat Ceiling</b>  |                                |   |   |
| Type: <input type="checkbox"/> Batt <input type="checkbox"/> Blown<br><input type="checkbox"/> Foam <input type="checkbox"/> None  | Insulation Thickness (in): 0   | R-value: 0 0  | Insulation Grade:<br><input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III |
| <b>Attic Slope</b>   |                                |   |   |
| Is the attic space foam encapsulated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |                                |   |   |
| Attic Slope Insulation Type:<br><input checked="" type="checkbox"/> Foam <input type="checkbox"/> Other  | Insulation Thickness (in): 5.5 | R-value: 20   | Insulation Grade:<br><input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III |
| Attic Insulation Certification Document Posted & Facing Attic Access? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |                                | Attic Insulation Depth Marker Installed (min of 1 ever 300 sq ft)? <input type="checkbox"/> Yes <input type="checkbox"/> No |   |
| Are there any attic or crawlspace access points that must be installed/left open for proper insulation verification at final inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                | If yes, please list their locations:  |   |
| Are there any areas in the home that have batt insulation ceiling assemblies? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |                                | If yes, please list their locations:  |   |

*This Home is also in compliance with the following Energy Code and/or Energy Programs (Please see appropriate attached inspection and/or testing form for results)*

☐ GBT ☐ ENERGY STAR ☐ EFL-Gold ☐ EFL-Diamond ☐ EFL-Platinum ☐ LEED ☐ NGBS-ICC700  
☐ 2018 IECC ☒ 2021 IECC

IECC Code Label Applied? ☒ Yes ☐ No

Final Visual Inspection Results: PASSED

Fox Energy Specialists

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