



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
Program(s):	City Forms, Home Energy Rating, Residential IECC 2021	Model/Plan:	817 Brett Drive
Inspector/Rater:	Sporkey Ewbanks	Cond. Area (SF)/Volume (CF):	5356.0 / 65040.5
Phone:	346-901-0066	Certification #:	HERS: 7427364 , IECC: 10333490
		Email:	sewbanks@foxenergyspecialists.com
		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#: 4TXXCB004DS3HCBV	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 (kBtuh): 90	Output Capacity (kBtuh): 36	Output Capacity (kBtuh):	Output Capacity (kBtuh):
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 (kBtuh): 60	Output Capacity (kBtuh): 36	Output Capacity (kBtuh):	Output Capacity (kBtuh):
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 (kBTUh): 0	Output Capacity (kBTUh): 0	Output Capacity (kBTUh):	Output Capacity (kBTUh):
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
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Utility Details

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

Water Heating

Brand	Model#	Serial#	Fuel Type	Size (gal)	EF	Location	Extra Tank Ins. (R-Value)	Pipe Ins. (R-Value)
Navien	NPE-240A2(1	2087D24116	Natural gas	0	0.97	Garage or open crawl space	0	3
								3
								3

Attic Insulation

Flat Ceiling			
Type: <input type="checkbox"/> Batt <input type="checkbox"/> Blown <input type="checkbox"/> Foam <input type="checkbox"/> None	Insulation Thickness (in): 0	R-value: 0 0	Insulation Grade: <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Attic Slope			
Is the attic space foam encapsulated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Attic Slope Insulation Type: <input checked="" type="checkbox"/> Foam <input type="checkbox"/> Other	Insulation Thickness (in): 5.5	R-value: 20	Insulation Grade: <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?		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

PASSED