City of Belle Isle Job Site Permit Card MECHANICAL 2022-04-032

Class: Residential
Parcel Number: 29-23-30-1876-02-050

Site Address: 3300 Trentwood Blvd. Belle Isle, FL. 32812
Municipality: Belle Isle

Description of Work: FIVE TON UNIT.
Air Conditioning: # of Units 1 Tons Per Unit 5 Total Tons 5
Heating: # of Units KWS Per Unit 1 Total KWS 10 BTU's 60,

Comments: SEE APPLICATION & ENERGY CALCS FOR NEW ADDITION

Issued: Shayne Stewart A/C & Heating Svcs. LLC – Stewart, Marcus
License # CAC058042
Contact # 321-363-6044

Payment/ Issued Date & Method: 4 / 28 / 2022
□ Picked up by _____ □ Forwarded to the mailing address □ Emailed
□ **Visa** ☒ **Master Card** □ **Amex** □ **Discover** □ **Check / Money Order#** 3440

OSHA approved ladder/access to the ROOF must be made available to the Inspector.

MECHANICAL	INSPECTOR	DATE	COMMENTS
500 Above Ceiling			
510 Rough			
520 Hood Vent			
530 Final			
540 Misc.			

To schedule your inspection(s), please visit our website:
http://uesbidportal.uesorl.com/citizenportal/
Please follow the prompts to schedule your inspection.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

RECEIVED APR 12 2022

APPLICATION FOR MECHANICAL PERMIT

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: 4/11/2022 **PERMIT NUMBER** 2022-04-032

PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address 3300 Trentwood Blvd, Belle Isle FL 32809 ✓ 32812
Property Owner Maruthi Enterprise LLC **Phone** 4079705571
Property Owner's Mailing Address yogibharath0@gmail.com **City** Winter Park
State FL **Zip Code** 32792 **Parcel Id Number:** 29-23-30-1876-02-050
REQUIRED! To obtain this information, please visit http://www.ocpafl.org/Searches/ParcelSearch.aspx
→ 3670 Wilde Ave, Winter Park, FL 32792

Class of Building: Old ☒ New ☐ **Type of Building:** Residential ☒ Commercial ☐ Other ☐
Type of Work: New ☐ Alteration ☒ Addition ☒ Repair ☐

Please indicate the nature of work by completing the information below:

Air Conditioning: # of Units 1 Tons Per Unit 5 Total Tons 5
Type of System: Water to Air ____ Chiller ____ Split System ____ Package ____ Heat Pump X — Estimated Cost $ 5,200

Heating: # of Units KWS Per Unit 1 Total KWS 10 BTU's 60,000 — Estimated Cost $ ____
Oil ____ Electric X Boiler ____ Gas ____

(A) Estimated Cost Fee $ ____

Fees for items below are based on valuation of all units, equipment, materials and labor supplied by owner or contractor.

Ventilation:
(Number of) Grease ____ Heat ____ Hoods, Air Intakes ____ Exhaust Fans ____ Dryer Vents ____ — Estimated Cost $ ____

Refrigeration: Number of units ____ — Estimated Cost $ ____

Piping: Air ____ Vacuum ____ Steam ____ Chill Water ____ — Estimated Cost $ ____

Others: (Specify) ____ — Estimated Cost $ ____

Was the space previously Air Conditioned? Yes X No ____ (B) Estimated Cost Fee $ ____

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances.

LICENSE HOLDER SIGNATURE [signature] **LICENSE #** CAC058042
LICENSE HOLDER NAME Marcus Stewart **COMPANY NAME** Shayne Stewart A/C & Heating svcs, LLC
Street Address 306 Idylwilde Dr.
City Sanford **State** FL **Zip Code** 32771 **Phone Number** 321-363-6044
Email Address shaynestewart8@hotmail.com

pre-approved on main bldg plans

Building Official: OTC **Date** ____

✓ Verified Contractor's Licenses & Insurance are on file ✓ **Date** 12 April 2022

Permit Fee	$ 67.-
Review Fee	$ 33.50
1% BCAIB Fee	$ 2 min
1.5% DCA Fee	$ 2 min
Total Permit Fee	$ 104.50

NOTE: The Building Permit Number is required if the Mechanical Installation is associated with any construction or alteration where a Building Permit has been issued.

Building Permit Number 2021-10-001

PAID 4-28-22 MC 3440 Stonsxc

37
30
67 ÷ 2
33.50
100.50

FORM R405-2020

RESIDENTIAL ENERGY CONSERVATION CODE DOCUMENTATION CHECKLIST

Florida Department of Business and Professional Regulation
Simulated Performance Alternative (Performance) Method

Applications for compliance with the 2020 Florida Building Code, Energy Conservation via the Residential Simulated Performance Alternative shall include:

- ☐ *This checklist*
- ☐ *Form R405-2020 report*
- ☐ *Input summary checklist that can be used for field verification (usually four pages/may be greater)*
- ☐ *Energy Performance Level (EPL) Display Card (one page)*
- ☐ *HVAC system sizing and selection based on ACCA Manual S or per exceptions provided in Section R403.7*
- ☐ *Mandatory Requirements (five pages)*

Required prior to CO:

- ☐ *Air Barrier and Insulation Inspection Component Criteria checklist (Table R402.4.1.1 - one page)*
- ☐ *A completed 2020 Envelope Leakage Test Report (usually one page); exception in R402.4 allows dwelling units of R-2 Occupancies and multiple attached single family dwellings to comply with Section C402.5*
  Testing is not required for additions in which the new construction is less than 85% of the thermal envelope. (R402.4.1.2, Florida Energy Code)
- ☐ *If Form R405 duct leakage type indicates anything other than "default leakage", then a completed 2020 Duct Leakage Test Report - Performance Method (usually one page)*

FORM R405-2020

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	3300 TRENTWOOD RESIDENCE			Address type:	Street Address
Building Type:	User	Bedrooms:	1	Lot #:	---
Owner:		Conditioned Area:	1022	Block/SubDivision:	---
		Total Stories:	1	PlatBook:	---
Builder Name:	Edward Yogi Bharath	Worst Case:	No	Street:	3300 trentwood blvd
Permit Office:		Rotate Angle:	0	County:	Orange
Jurisdiction:		Cross Ventilation:	No	City, State, Zip:	orlando, FL, 32812
Family Type:	Attached	Whole House Fan:	No		
New/Existing:	Addition	Terrain:	Suburban		
Year Construct:	2022	Shielding:	Suburban		
Comment:					

CLIMATE

✓	Design Location	Tmy Site	Design Temp 97.5%	Design Temp 2.5%	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily temp Range
___	FL, Orlando	FL_ORLANDO_INTL_ARPT	41	91	70	75	526	44	Medium

BLOCKS

✓	Number	Name	Area	Volume
___	1	Block1	1022	8176

SPACES

✓	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___	1	Master Bedroom	350	2800	No	2	1	Yes	Yes	Yes
___	2	Family Room	500	4000	No	2	0	Yes	Yes	Yes
___	3	Master Bathroom	89.25	714	No	0	0	Yes	Yes	Yes
___	4	Master Closet	82.8	662.4	No	0	0	Yes	Yes	Yes

FLOORS (Total Exposed Area = 1022 sq.ft.)

✓	#	Floor Type	Space	Exposed Perim	Perimeter R-Value	Area	U-Factor	Joist R-Value	Tile	Wood	Carpet
___	1	Slab-On-Grade Edge Ins	Master Bedroom	75	4.5	350 ft	0.128	---	0.00	0.00	1.00
___	2	Slab-On-Grade Edge Ins	Family Room	90	4.5	500 ft	0.151	---	0.00	1.00	0.00
___	3	Slab-On-Grade Edge Ins	Master Bathroom	38	4.5	89.25 ft	0.159	---	1.00	0.00	0.00
___	4	Slab-On-Grade Edge Ins	Master Closet	36.5	4.5	82.8 ft	0.128	---	0.00	0.00	1.00

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
___	1	Gable or shed	Composition shingles	1054 ft²	128 ft²	Medium	Y	0.85	Yes	0.9	Yes	38	14.04

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___	1	Full attic	Vented	300	1022.125 ft²	Y	N

FORM R405-2020

INPUT SUMMARY CHECKLIST REPORT

CEILING (Total Exposed Area = 1022 sq.ft.)

√	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
	1	Under Attic(Vented)	Master Bedroom	38.0	Blown	350.0ft²	0.035	0.11	Wood
	2	Under Attic(Vented)	Family Room	38.0	Blown	500.0ft²	0.035	0.11	Wood
	3	Under Attic(Vented)	Master Bathroom	38.0	Blown	89.3ft²	0.035	0.11	Wood
	4	Under Attic(Vented)	Master Closet	38.0	Blown	82.9ft²	0.035	0.11	Wood

WALLS (Total Exposed Area = 712 sq.ft.)

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area sq ft.	U-Factor	Sheath R-Value	Frm Frac.	Solar Absor.	Below Grade
	1	E	Family Room	Interior Fr. Wood	Master Bedroom	13.0	20.0	0	8.0	0	160.0	0.089		0.23	0.75	0 %
	2	W	Master Bath	Interior Fr. Wood	Master Bedroom	13.0	10.0	5	8.0	0	83.3	0.085		0.23	0.75	0 %
	3	E	Master Closet	Interior Fr. Wood	Master Bedroom	13.0	9.0	8	8.0	0	77.3	0.085		0.23	0.75	0 %
	4	N	Exterior	Frame - Wood	Master Bedroom	19.0	17.0	5	8.0	0	139.3	0.056	2	0.23	0.75	0 %
	5	N	Exterior	Frame - Wood	Family Room	19.0	25.0	0	8.0	0	200.0	0.056	2	0.23	0.75	0 %
	6	W	Master Bedrm	Interior Fr. Wood	Family Room	13.0	20.0	0	8.0	0	160.0	0.095		0.23	0.75	0 %
	7	E	Exterior	Frame - Wood	Family Room	19.0	20.0	0	8.0	0	160.0	0.056	2	0.23	0.75	0 %
	8	N	Exterior	Frame - Wood	Master Bathroom	19.0	8.0	6	8.0	0	68.0	0.056	2	0.23	0.75	0 %
	9	E	Exterior	Frame - Wood	Master Bathroom	19.0	8.0	5	8.0	0	67.3	0.056	2	0.23	0.75	0 %
	10	W	Master Bedrm	Interior Fr. Wood	Master Bathroom	13.0	10.0	5	8.0	0	83.3	0.095		0.23	0.75	0 %
	11	S	Master Closet	Interior Fr. Wood	Master Bathroom	13.0	8.0	5	8.0	0	67.3	0.095		0.23	0.75	0 %
	12	W	Exterior	Frame - Wood	Master Closet	19.0	9.0	8	8.0	0	77.3	0.056	2	0.23	0.75	0 %
	13	N	Master Bath	Interior Fr. Wood	Master Closet	13.0	8.0	5	8.0	0	67.3	0.095		0.23	0.75	0 %
	14	E	Master Bedrm	Interior Fr. Wood	Master Closet	13.0	8.0	5	8.0	0	67.3	0.095		0.23	0.75	0 %

DOORS (Total Exposed Area = 42 sq.ft.)

√	#	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
	1	E		Insulated	Family Room	None	0.40	6.00	0	7.00	0	42.0ft²

WINDOWS (Total Exposed Area = 78 sq.ft.)

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	Overhang Depth (ft)	Overhang Sep. (ft)	Interior Shade	Screen
	1	N	4	Vinyl	Low-E Double	Y	0.40	0.25	Y	N	24.0	2	3.00	4.00	1.0	1.0	IECC 2012	None
	2	N	5	Vinyl	Low-E Double	Y	0.40	0.25	Y	N	48.0	2	6.00	4.00	1.0	1.0	IECC 2012	None
	3	N	8	Vinyl	Low-E Double	Y	0.40	0.25	Y	N	6.0	1	2.00	3.00	1.0	1.0	IECC 2012	None

INFILTRATION

√	#	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)
	1	Wholehouse	Proposed ACH(50)	0.00036	954	52.33	98.25	0.1408	7.0	All

MASS

√	#	Mass Type	Area	Thickness	Furniture Fraction	Space
	1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Bedroom
	2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Family Room
	3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Bathroom
	4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Closet

FORM R405-2020

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

✓	#	System Type/Fl Addition	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump--- Entry	Power	Volt	Current	Ducts	Block
	1	Electric Heat Pump/Supplementa	None/Single		HSPF: 8.20	48.0		0.00	0.00	0.00	sys#1	1

COOLING SYSTEM

✓	#	System Type/Fl Addition	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___	1	Central Unit/Supplementa	Split/Single		SEER:14.0	60.0	1800	0.75	sys#1	1

HOT WATER SYSTEM

✓	#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins	Pipe length
___	1	Electric	None	Exterior	0.22 (0.63)	40.00 gal	60 gal	120 deg	Standard	=>R-3	99

		Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits
___	1	No		NA	NA	NA	No	NA	NA	NA	None

DUCTS

✓	Duct #	Supply Location	Supply R-Value	Supply Area	Return Location	Return R-Value	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
___	1	Attic	6.0	400 ft²	Attic	6.0	100 ft²	Proposed Qn	Master Bed	---	---	0.04	0.50	1	1

TEMPERATURES

Programable Thermostat: Y Ceiling Fans: N

Cooling	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec
Heating	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec
Venting	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec

✓	Thermostat Schedule: FloridaCode 2014 Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
___	Cooling (WD)	AM	75	75	75	75	75	75	75	75	75	75	75	75
		PM	75	75	75	75	75	75	75	75	75	75	75	75
___	Cooling (WEH)	AM	75	75	75	75	75	75	75	75	75	75	75	75
		PM	75	75	75	75	75	75	75	75	75	75	75	75
___	Heating (WD)	AM	72	72	72	72	72	72	72	72	72	72	72	72
		PM	72	72	72	72	72	72	72	72	72	72	72	72
___	Heating (WEH)	AM	72	72	72	72	72	72	72	72	72	72	72	72
		PM	72	72	72	72	72	72	72	72	72	72	72	72

FORM R405-2020

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 89

The lower the EnergyPerformance Index, the more efficient the home.

3300 trentwood blvd,orlando,FL,32812

1. New construction or existing		Addition
2. Single family or multiple family		Attached
3. Number of units, if multiple family		1
4. Number of Bedrooms		1
5. Is this a worst case?		No
6. Conditioned floor area above grade (ft²)		1022
Conditioned floor area below grade (ft²)		0

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.40	78.00 ft²
SHGC:	SHGC=0.25	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		1.000 ft
Area Weighted Average SHGC:		0.250

8. Skylights	Description	Area
U-Factor:(AVG)	N/A	N/A ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R= 4.5	1022.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(1478.0 sqft.)	Insulation	Area
a. Interior Frame - Wood, Interior	R=13.0	766.00 ft²
b. Frame - Wood, Exterior	R=19.0	712.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

11. Ceiling Types(1022.1 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=38.0	1022.10 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

12. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Master Be	6	400
b.		
c.		

13. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	60.0	SEER:14.00

14. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	48.0	HSPF:8.20

15. Hot Water Systems - Supplemental for addition	
a. Electric	Cap: 40 gallons
	UEF: 0.627
b. Conservation features	None
16. Credits	CF, Pstat

Reviewed for Code Compliance
Universal Engineering Sciences

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

Builder Signature: _____ Date: _____

Address of New Home: 3300 trentwood blvd City/FL Zip: orlando,FL,32812

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida Energy Rating. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

Florida Building Code, Energy Conservation, 7th Edition (2020)
Mandatory Requirements for Residential Performance, Prescriptive and ERI Methods

ADDRESS:	3300 trentwood blvd orlando, FL 32812	Permit Number:

MANDATORY REQUIREMENTS - See individual code sections for full details.

SECTION R401 GENERAL

☐ **R401.3 Energy Performance Level (EPL) display card - (Mandatory).** The building official shall require that an energy performance level (EPL) display card be completed and certified by the builder to be accurate and correct before final approval of the building for occupancy. Florida law (Section 553.9085, Florida Statutes) requires the EPL display card to be included as an addendum to each sales contract for both presold and nonpresold residential buildings. The EPL display card contains information indicating the energy performance level and efficiencies of components installed in a dwelling unit. The building official shall verify that the EPL display card completed and signed by the builder accurately reflects the plans and specifications submitted to demonstrate code compliance for the building. A copy of the EPL display card can be found in Appendix RD.

SECTION R402 BUILDING THERMAL ENVELOPE

☐ **R402.4 Air leakage (Mandatory).** The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections R402.4.1 through R402.4.5.

Exception: Dwelling units of R-2 Occupancies and multiple attached single family dwellings shall be permitted to comply with Section C402.5.

☐ **R402.4.1 Building thermal envelope.** The building thermal envelope shall comply with Sections R402.4.1.1 and R402.4.1.2. The sealing methods between dissimilar materials shall allow for differential expansion and contraction.

☐ **R402.4.1.1 Installation.** The components of the building thermal envelope as listed in Table R402.4.1.1 shall be installed in accordance with the manufacturer's instructions and the criteria listed in Table R402.4.1.1, as applicable to the method of construction. Where required by the code official, an approved third party shall inspect all components and verify compliance.

☐ **R402.4.1.2 Testing.** The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding seven air changes per hour in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

Exception: Testing is not required for additions, alterations, renovations, or repairs, of the building thermal envelope of existing buildings in which the new construction is less than 85 percent of the building thermal envelope.

During testing:
1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, if installed at the time of the test, shall be open.
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

☐ **R402.4.2 Fireplaces.** New wood-burning fireplaces shall have tight-fitting flue dampers or doors, and outdoor combustion air. Where using tight-fitting doors on factory-built fireplaces listed and labeled in accordance with UL 127, the doors shall be tested and listed for the fireplace. Where using tight-fitting doors on masonry fireplaces, the doors shall be listed and labeled in accordance with UL 907.

☐ **R402.4.3 Fenestration air leakage.** Windows, skylights and sliding glass doors shall have an air infiltration rate of no more than 0.3 cfm per square foot (1.5 L/s/m2), and swinging doors no more than 0.5 cfm per square foot (2.6 L/s/m2), when tested according to NFRC 400 or AAMA/ WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory and listed and labeled by the manufacturer.

Exception: Site-built windows, skylights and doors.

☐ **R402.4.4 Rooms containing fuel - burning appliances.** In Climate Zones 3 through 8, where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening shall be located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms shall be sealed and insulated in accordance with the envelope requirements of Table R402.1.2, where the walls, floors and ceilings shall meet not less than the basement wall R-value requirement. The door into the room shall be fully gasketed and any water lines and ducts in the room insulated in accordance with Section R403. The combustion air duct shall be insulated where it passes through conditioned space to a minimum of R-8.

Exceptions:
1. Direct vent appliances with both intake and exhaust pipes installed continuous to the outside.
2. Fireplaces and stoves complying with Section R402.4.2 and Section R1006 of the Florida Building Code, Residential.

MANDATORY REQUIREMENTS (Continued)

☐ **R402.4.5 Recessed lighting.** Recessed luminaires installed in the building thermal envelope shall be sealed to limit air leakage between conditioned and unconditioned spaces. All recessed luminaires shall be IC-rated and labeled as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested in accordance with ASTM E283 at a 1.57 psf (75 Pa) pressure differential. All recessed luminaires shall be sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.

SECTION R403 SYSTEMS

R403.1 Controls

☐ **R403.1.1 Thermostat provision (Mandatory).** At least one thermostat shall be provided for each separate heating and cooling system

☐ **R403.1.3 Heat pump supplementary heat (Mandatory).** Heat pumps having supplementary electric-resistance heat shall have controls that, except during defrost, prevent supplemental heat operation when the heat pump compressor can meet the heating load

☐ **R403.3.2 Sealing (Mandatory).** All ducts, air handlers, filter boxes and building cavities that form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section C403.2.9.2 of the Commercial Provisions of this code and shall be shown to meet duct tightness criteria below.

Duct tightness shall be verified by testing in accordance with ANSI/RESNET/ICC 380 by either individuals as defined in Section 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i), Florida Statutes, to be "substantially leak free" in accordance with Section R403.3.3.

☐ **R403.3.2.1 Sealed air handler.** Air handlers shall have a manufacturer's designation for an air leakage of no more than 2 percent of the design airflow rate when tested in accordance with ASHRAE 193.

☐ **R403.3.3 Duct testing (Mandatory).** Ducts shall be pressure tested to determine air leakage by one of the following methods:

1. Rough-in test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure if installed at the time of the test. All registers shall be taped or otherwise sealed during the test.
2. Postconstruction test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. Registers shall be taped or otherwise sealed during the test.

Exceptions:

1. A duct air leakage test shall not be required where the ducts and air handlers are located entirely within the building thermal envelope.
2. Duct testing is not mandatory for buildings complying by Section 405 of this code. Duct leakage testing is required for Section R405 compliance where credit is taken for leakage, and a duct air leakage Qn to the outside of less than 0.080 (where Qn = duct leakage to the outside in cfm per 100 square feet of conditioned floor area tested at 25 Pascals) is indicated in the compliance report for the proposed design.

A written report of the results of the test shall be signed by the party conducting the test and provided to the code official.

☐ **R403.3.5 Building cavities (Mandatory).** Building framing cavities shall not be used as ducts or plenums.

☐ **R403.4 Mechanical system piping insulation (Mandatory).** Mechanical system piping capable of carrying fluids above 105°F (41°C) or below 55°F (13°C) shall be insulated to a minimum of R-3.

☐ **R403.4.1 Protection of piping insulation.** Piping insulation exposed to weather shall be protected from damage, including that caused by sunlight, moisture, equipment maintenance and wind, and shall provide shielding from solar radiation that can cause degradation of the material. Adhesive tape shall not be permitted.

☐ **R403.5.1 Heated water circulation and temperature maintenance systems (Mandatory).** If heated water circulation systems are installed, they shall be in accordance with Section R403.5.1.1. Heat trace temperature maintenance systems shall be in accordance with Section R403.5.1.2. Automatic controls, temperature sensors and pumps shall be accessible. Manual controls shall be readily accessible.

☐ **R403.5.1.1 Circulation systems.** Heated water circulation systems shall be provided with a circulation pump. The system return pipe shall be a dedicated return pipe or a cold water supply pipe. Gravity and thermosiphon circulation systems shall be prohibited. Controls for circulating hot water system pumps shall start the pump based on the identification of a demand for hot water within the occupancy. The controls shall automatically turn off the pump when the water in the circulation loop is at the desired temperature and when there is no demand for hot water.

☐ **R403.5.1.2 Heat trace systems.** Electric heat trace systems shall comply with IEEE 515.1 or UL 515. Controls for such systems shall automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping in accordance with the times when heated water is used in the occupancy.

MANDATORY REQUIREMENTS (Continued)

☐ **R403.5.5 Heat traps (Mandatory).** Storage water heaters not equipped with integral heat traps and having vertical pipe risers shall have heat traps installed on both the inlets and outlets. External heat traps shall consist of either a commercially available heat trap or a downward and upward bend of at least 3 ½ inches (89 mm) in the hot water distribution line and cold water line located as close as possible to the storage tank.

R403.5.6 Water heater efficiencies (Mandatory).

☐ **R403.5.6.1.1 Automatic controls.** Service water-heating systems shall be equipped with automatic temperature controls capable of adjustment from the lowest to the highest acceptable temperature settings for the intended use. The minimum temperature setting range shall be from 100°F to 140°F (38°C to 60°C).

☐ **R403.5.6.1.2 Shut down.** A separate switch or a clearly marked circuit breaker shall be provided to permit the power supplied to electric service systems to be turned off. A separate valve shall be provided to permit the energy supplied to the main burner(s) of combustion types of service water-heating systems to be turned off.

☐ **R403.5.6.2 Water-heating equipment.** Water-heating equipment installed in residential units shall meet the minimum efficiencies of Table C404.2 in Chapter 4 of the Florida Building Code, Energy Conservation, Commercial Provisions, for the type of equipment installed. Equipment used to provide heating functions as part of a combination system shall satisfy all stated requirements for the appropriate water-heating category. Solar water heaters shall meet the criteria of Section R403.5.6.2.1.

☐ **R403.5.6.2.1 Solar water-heating systems.** Solar systems for domestic hot water production are rated by the annual solar energy factor of the system. The solar energy factor of a system shall be determined from the Florida Solar Energy Center Directory of Certified Solar Systems. Solar collectors shall be tested in accordance with ISO Standard 9806, Test Methods for Solar Collectors, and SRCC Standard TM-1, Solar Domestic Hot Water System and Component Test Protocol. Collectors in installed solar water-heating systems should meet the following criteria:

1. Be installed with a tilt angle between 10 degrees and 40 degrees of the horizontal; and
2. Be installed at an orientation within 45 degrees of true south.

☐ **R403.6 Mechanical ventilation (Mandatory).** The building shall be provided with ventilation that meets the requirements of the Florida Building Code, Residential, or Florida Building Code, Mechanical, as applicable, or with other approved means of ventilation including: Natural, Infiltration or Mechanical means. Outdoor air intakes and exhausts shall have automatic or gravity dampers that close when the ventilation system is not operating.

☐ **R403.6.1 Whole-house mechanical ventilation system fan efficacy.** When installed to function as a whole-house mechanical ventilation system, fans shall meet the efficacy requirements of Table R403.6.1.

Exception: Where an air handler that is integral to tested and listed HVAC equipment is used to provide whole-house mechanical ventilation, the air handler shall be powered by an electronically commutated motor.

☐ **R403.6.2 Ventilation Air.** Residential buildings designed to be operated at a positive indoor pressure or for mechanical ventilation shall meet the following criteria:

1. The design air change per hour minimums for residential buildings in ASHRAE 62.2 Ventilation for Acceptable Indoor Air Quality, shall be the maximum rates allowed for residential applications.

2. No ventilation or air-conditioning system make-up air shall be provided to conditioned space from attics, crawlspaces, attached enclosed garages or outdoor spaces adjacent to swimming pools or spas.

3. If ventilation air is drawn from enclosed space(s), then the walls of the space(s) from which air is drawn shall be insulated to a minimum of R-11 and the ceiling shall be insulated to a minimum of R-19, space permitting, or R-10 otherwise.

R403.7 Heating and cooling equipment.

☐ **R403.7.1 Equipment sizing (Mandatory).** Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on the equipment loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies, based on building loads for the directional orientation of the building. The manufacturer and model number of the outdoor and indoor units (if split system) shall be submitted along with the sensible and total cooling capacities at the design conditions described in Section R302.1. This Code does not allow designer safety factors, provisions for future expansion or other factors that affect equipment sizing. System sizing calculations shall not include loads created by local intermittent mechanical ventilation such as standard kitchen and bathroom exhaust systems. New or replacement heating and cooling equipment shall have an efficiency rating equal to or greater than the minimum required by federal law for the geographic location where the equipment is installed.

MANDATORY REQUIREMENTS (Continued)

TABLE R403.6.1
WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICACY

FAN LOCATION	AIRFLOW RATE MINIMUM (CFM)	MINIMUM EFFICACY[a] (CFM/WATT)	AIRFLOW RATE MAXIMUM (CFM)
HRV or ERV	Any	1.2 cfm/watt	Any
Range hoods	Any	2.8 cfm/watt	Any
In-line fan	Any	2.8 cfm/watt	Any
Bathroom, utility room	10	1.4 cfm/watt	<90
Bathroom, utility room	90	2.8 cfm/watt	Any

For SI: 1 cfm = 28.3 L/min.

a. When tested in accordance with HVI Standard 916

☐ **R403.7.1.1 Cooling equipment capacity.** Cooling only equipment shall be selected so that its total capacity is not less than the calculated total load but not more than 1.15 times greater than the total load calculated according to the procedure selected in Section R403.7, or the closest available size provided by the manufacturer's product lines. The corresponding latent capacity of the equipment shall not be less than the calculated latent load.
The published value for AHRI total capacity is a nominal, rating-test value and shall not be used for equipment sizing. Manufacturer's expanded performance data shall be used to select cooling-only equipment. This selection shall be based on the outdoor design dry-bulb temperature for the load calculation (or entering water temperature for water-source equipment), the blower CFM provided by the expanded performance data, the design value for entering wet-bulb temperature and the design value for entering dry-bulb temperature.

Design values for entering wet-bulb and dry-bulb temperatures shall be for the indoor dry bulb and relative humidity used for the load calculation and shall be adjusted for return side gains if the return duct(s) is installed in an unconditioned space.

Exceptions:

1. Attached single- and multiple-family residential equipment sizing may be selected so that its cooling capacity is less than the calculated total sensible load but not less than 80 percent of that load.
2. When signed and sealed by a Florida-registered engineer, in attached single- and multiple-family units, the capacity of equipment may be sized in accordance with good design practice.

R403.7.1.2 Heating equipment capacity.

☐ **R403.7.1.2.1 Heat pumps.** Heat pump sizing shall be based on the cooling requirements as calculated according to Section R403.7.1.1, and the heat pump total cooling capacity shall not be more than 1.15 times greater than the design cooling load even if the design heating load is 1.15 times greater than the design cooling load.

☐ **R403.7.1.2.2 Electric resistance furnaces.** Electric resistance furnaces shall be sized within 4 kW of the design requirements calculated according to the procedure selected in Section R403.7.1.

☐ **R403.7.1.2.3 Fossil fuel heating equipment.** The capacity of fossil fuel heating equipment with natural draft atmospheric burners shall not be less than the design load calculated in accordance with Section R403.7.1.

☐ **R403.7.1.3 Extra capacity required for special occasions.** Residences requiring excess cooling or heating equipment capacity on an intermittent basis, such as anticipated additional loads caused by major entertainment events, shall have equipment sized or controlled to prevent continuous space cooling or heating within that space by one or more of the following options:

1. A separate cooling or heating system is utilized to provide cooling or heating to the major entertainment areas.
2. A variable capacity system sized for optimum performance during base load periods is utilized.

☐ **R403.8 Systems serving multiple dwelling units (Mandatory).** Systems serving multiple dwelling units shall comply with Sections C403 and C404 of the Florida Building Code, Energy Conservation—Commercial Provisions in lieu of Section R403.

☐ **R403.9 Snow melt and ice system controls (Mandatory).** Snow- and ice-melting systems, supplied through energy service to the building, shall include automatic controls capable of shutting off the system when the pavement temperature is above 50°F (10°C), and no precipitation is falling and an automatic or manual control that will allow shutoff when the outdoor temperature is above 40°F (4.8°C).

☐ **403.10 Pools and permanent spa energy consumption (Mandatory).** The energy consumption of pools and permanent spas shall be in accordance with Sections R403.10.1 through R403.10.6.

☐ **R403.10.1 Heaters.** The electric power to heaters shall be controlled by a readily accessible on-off switch that is an integral part of the heater mounted on the exterior of the heater, or external to and within 3 feet (914 mm) of the heater. Operation of such switch shall not change the setting of the heater thermostat. Such switches shall be in addition to a circuit breaker for the power to the heater.
Gas-fired heaters shall not be equipped with continuously burning ignition pilots.

MANDATORY REQUIREMENTS (Continued)

☐ **R403.10.2 Time switches.** Time switches or other control methods that can automatically turn off and on according to a preset schedule shall be installed for heaters and pump motors. Heaters and pump motors that have built-in time switches shall be in compliance with this section.

Exceptions:
1. Where public health standards require 24-hour pump operation.
2. Pumps that operate solar- and waste-heat-recovery pool heating systems
3. Where pumps are powered exclusively from on-site renewable generation.

☐ **R403.10.3 Covers.** Outdoor heated swimming pools and outdoor permanent spas shall be equipped with a vapor-retardant cover on or at the water surface or a liquid cover or other means proven to reduce heat loss.

Exception: Where more than 70 percent of the energy for heating, computed over an operation season, is from site-recovered energy, such as from a heat pump or solar energy source, covers or other vapor-retardant means shall not be required

☐ **R403.10.4 Gas- and oil-fired pool and spa heaters.** All gas- and oil-fired pool and spa heaters shall have a minimum thermal efficiency of 82 percent for heaters manufactured on or after April 16, 2013, when tested in accordance with ANSI Z 21.56. Pool heaters fired by natural or LP gas shall not have continuously burning pilot lights.

☐ **R403.10.5 Heat pump pool heaters.** Heat pump pool heaters shall have a minimum COP of 4.0 when tested in accordance with AHRI 1160, Table 2, Standard Rating Conditions-Low Air Temperature. A test report from an independent laboratory is required to verify procedure compliance. Geothermal swimming pool heat pumps are not required to meet this standard.

☐ **R403.11 Portable spas (Mandatory).** The energy consumption of electric-powered portable spas shall be controlled by the requirements of APSP-14

☐ **R403.13 Dehumidifiers (Mandatory).** If installed, a dehumidifier shall conform to the following requirements:

1. The minimum rated efficiency of the dehumidifier shall be greater than 1.7 liters/ kWh if the total dehumidifier capacity for the house is less than 75 pints/day and greater than 2.38 liters/kWh if the total dehumidifier capacity for the house is greater than or equal to 75 pints/day.
2. The dehumidifier shall be controlled by a sensor that is installed in a location where it is exposed to mixed house air.
3. Any dehumidifier unit located in unconditioned space that treats air from conditioned space shall be insulated to a minimum of R-2.
4. Condensate disposal shall be in accordance with Section M1411.3.1 of the Florida Building Code, Residential.

☐ **R403.13.1 Ducted dehumidifiers.** Ducted dehumidifiers shall, in addition to conforming to the requirements of Section R403.13, conform to the following requirements:

1. If a ducted dehumidifier is configured with return and supply ducts both connected into the supply side of the cooling system, a backdraft damper shall be installed in the supply air duct between the dehumidifier inlet and outlet duct.
2. If a ducted dehumidifier is configured with only its supply duct connected into the supply side of the central heating and cooling system, a backdraft damper shall be installed in the dehumidifier supply duct between the dehumidifier and central supply duct.
3. A ducted dehumidifier shall not be ducted to or from a central ducted cooling system on the return duct side upstream from the central cooling evaporator coil.
4. Ductwork associated with a dehumidifier located in unconditioned space shall be insulated to a minimum of R-6.

SECTION R404
ELECTRICAL POWER AND LIGHTING SYSTEMS

☐ **R404.1 Lighting equipment (Mandatory).** Not less than 90 percent of the lamps in permanently installed luminaires shall have an efficacy of at least 45 lumens-per-watt or shall utilize lamps with an efficacy of not less than 65 lumens-per-watt.

R404.1.1 Lighting equipment (Mandatory). uel gas lighting systems shall not have continuously burning pilot lights.

2020 - AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA

TABLE 402.4.1.1

AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA[a]

Project Name:	3300 TRENTWOOD RESIDENCE	Builder Name:	Edward Yogi Bharath	
Street:	3300 trentwood blvd	Permit Office:		
City, State, Zip:	orlando, FL, 32812	Permit Number:		
Owner:		Jurisdiction:		
Design Location:	FL, Orlando	County:	Orange(Florida Climate Zone 2)	CHECK

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	
General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	Air-permeable insulation shall not be used as a sealing material.	
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.	
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.	
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.		
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.	
Floors (including above-garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.	
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided instead of floor insulation, insulation shall be permanently attached to the crawlspace walls.	
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.		
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity spaces.	
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.		
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the finished surface.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.	
Plumbing and wiring		Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.	
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.	
Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.		
HVAC register boots	HVAC supply and return register boots that penetrate building thermal envelope shall be sealed to the sub-floor, wall covering or ceiling penetrated by the boot.		
Concealed sprinklers	When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids voids between fire sprinkler cover plates and walls or ceilings.		

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC-400.

If you close on a new home after January 1, 2022, you will be eligible to apply for the 2023 tax year. Filing begins on March 2, 2022.

Click Here To Apply Homestead Exemption Online

Print Date: 04/12/2022 System Refresh Date: 04/11/2022

3300 Trentwood Blvd 29-23-30-1876-02-050

Name(s):
Farshid Arash

Physical Street Address:
3300 Trentwood Blvd

Property Use:
0103 - Single Fam Class III

Mailing Address On File:
1513 Belfiore Way
Windermere, FL 34786-8134
Incorrect Mailing Address?

Postal City and Zip:
Orlando, FL 32812

Municipality:
Belle Isle

Upload Photos

View 2021 Property Record Card

PROPERTY FEATURES | VALUES, EXEMPTIONS AND TAXES | SALES | MARKET STATS | LOCATION

Historical Value and Tax Benefits

Tax Year Values	Land	Building(s)	Feature(s)	Market Value	%	Assessed Value	%
2021 ✓ MKT	$90,000	$128,263	$1,000	$219,263	6.2%	$219,263	6.2%
2020 ✓ MKT	$75,000	$130,462	$1,000	$206,462	-1.1%	$206,462	1.6%
2019 ✓ MKT	$75,000	$132,661	$1,000	$208,661	13.0%	$203,137	10.0%
2018 ✓ MKT	$65,000	$118,670	$1,000	$184,670	N/A	$184,670	N/A

Tax Year Benefits	Original Homestead	Additional Hx	Other Exemptions	SOH CAP	Tax Savings
2021 ✓			$0		$0
2020 ✓			$0		$0
2019 ✓ $			$0		$54
2018 ✓			$0		$0

2021 Taxable Value and Certified Taxes

Tax Year: 2021 | 2020 | 2019 | 2018

Taxing Authority	Assd Value	Exemption	Tax Value	Millage Rate	%	Taxes	Tax Breakdown
Public Schools: By State Law (Rle)	$219,263	$0	$219,263	3.4890	-3.3%	$765.01	21%
Public Schools: By Local Board	$219,263	$0	$219,263	3.2480	0.0%	$712.17	20%
General County	$219,263	$0	$219,263	4.4347	0.0%	$972.37	27%
City Of Belle Isle	$219,263	$0	$219,263	4.4018	0.0%	$965.15	27%
Library - Operating Budget	$219,263	$0	$219,263	0.3748	0.0%	$82.18	2%
St Johns Water Management District	$219,263	$0	$219,263	0.2189	-4.3%	$48.00	1%
Lake Conway Mstu	$219,263	$0	$219,263	0.4107	0.0%	$90.05	2%
Totals				16.5779		$3,634.93	

Non-Ad Valorem Assessments

2021 Non-Ad Valorem Assessments

Levying Authority	Assessment Description	Units	Rates	Assessment
CITY OF BELLE ISLE	BELLE ISLE RES - BIGBR - (407)851-7730	1.00	260.40	$260.40
CITY OF BELLE ISLE	BELLE ISLE STRM - BISTRM - (407)851-7730	1.00	125.00	$125.00
				$385.40

2021 Gross Tax Total: $4,020.33

2021 Tax Savings Tax Savings
Your taxes without exemptions would be: $3,634.93

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER: CAC058042

EXPIRATION DATE: AUGUST 31, 2022

THE CLASS B AIR CONDITIONING CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

STEWART, MARCUS SHAYNE
SHAYNE STEWART A/C & HEATING SVCS., LLC
306 IDYLLWILDE DR
SANFORD FL 32771

ISSUED: 05/31/2020

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Do not alter this document in an form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

SEMINOLE COUNTY BUSINESS TAX RECEIPT

PO BOX 630, SANFORD, FL 32772 • 407-665-1000
WWW.SEMINOLECOUNTY.TAX

VALID THROUGH 09/30/22

Account #:100747

SHAYNE STEWART A/C & HEATING SVCS LLC
306 IDYLLWILDE DR
SANFORD, FL 32771

REGULATED
License # - CAC058042
Qualifier- MARCUS SHAYNE STEWART

MARCUS S STEWART (OWNER)

Receipt #: 10962021081300102 Amount Paid: $ 49.50 Date Paid: 08/13/2021

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

CONSTRUCTION INDUSTRY EXEMPTION

CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW

EFFECTIVE DATE: 10/31/2020 EXPIRATION DATE: 10/31/2022

PERSON: MARCUS S STEWART EMAIL: SHAYNESTEWART8@HOTMAIL.COM

FEIN: 432050220

BUSINESS NAME AND ADDRESS:

SHAYNE STEWART A/C & HEATING SVCS LLC

306 IDYLLWILDE DR

SANFORD, FL 32771

FOLD HERE

IMPORTANT

Pursuant to subsection 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter.

Pursuant to subsection 440.05(12), F.S., Certificates of election to be exempt issued under subsection (3) shall apply only to the corporate officer named on the notice of election to be exempt and apply only within the scope of the business or trade listed on the notice of election to be exempt.

Pursuant to subsection 440.05(13), F.S., notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

E01219072

Policy Number: Date Entered

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 4/11/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Insurance Land 2401 S French Ave Sanford, FL 32771	CONTACT NAME: Rebecca Cartin PHONE (A/C, No, Ext): (407) 330-3111 FAX (A/C, No): (407) 330-3105 E-MAIL ADDRESS: info@insuranceland.org	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A : Frank Winston Crium Insurance Co	
INSURED	Shayne Stewart A/C & Heating Services,LLC. 306 Idyllwilde Dr. Sanford, FL 32771	INSURER B :	
		INSURER C :	
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY			FGFL0021337801	7/24/2021	7/24/2022	EACH OCCURRENCE	$ 1,000,000
	[ ] CLAIMS-MADE [X] OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	[X] POLICY [ ] PRO-JECT [ ] LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	[ ] ANY AUTO						BODILY INJURY (Per person)	$
	[ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	[ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	[ ] UMBRELLA LIAB [ ] OCCUR						EACH OCCURRENCE	$
	[ ] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	$
	[ ] DED [ ] RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						[X] PER STATUTE [ ] OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Heating and Air Conditioning Installation, Service or Repair

CERTIFICATE HOLDER

City Of Belle Isle
1600 Nela Ave
Belle Isle FL 32809

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Rebecca Cartin | JD Rebecca Cartin

JIMMY PATRONIS
CHIEF FINANCIAL OFFICER

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

*** * CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW * ***

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 10/31/2020 **EXPIRATION DATE:** 10/31/2022

PERSON: MARCUS S STEWART **EMAIL:** SHAYNESTEWART8@HOTMAIL.COM

FEIN: 432050220

BUSINESS NAME AND ADDRESS:

SHAYNE STEWART A/C & HEATING SVCS LLC

306 IDYLLWILDE DR

SANFORD, FL 32771

SCOPE OF BUSINESS OR TRADE:

Heating, Ventilation, Air-Conditioning and Refrigeration Systems Installation, Service and Repair, Shop, Yard & Drivers

IMPORTANT: Pursuant to subsection 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to subsection 440.05(12), F.S., Certificates of election to be exempt issued under subsection (3) shall apply only to the corporate officer named on the notice of election to be exempt and apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to subsection 440.05(13), F.S., notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.