Eligible for Federal Tax Credit.

Certificate of Product Ratings

AHRI Certified Reference Number : 201754902 Date : 06-03-2021 Model Status : Active

AHRI Type : HMSV-A-CB-O (Multi-Split Heat Pump, Free Delivery)

Series Name : M-Series

Outdoor Unit Brand Name : Mitsubishi Electric

Outdoor Unit Model Number : MXZ-3C24NA2

Indoor Type : Non-Ducted Indoor Units

Rated as follows in accordance with the latest edition of AHRI 210/240 with Addendum 1, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (95F) : 22000

EER (95F) : 13.60

SEER : 20.00

High Heat (47F) : 25000

Low Heat (17F) : 14000

HSPF : 9.80

Sold in? : USA

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE

we make life better™

CERTIFICATE NO.: 132672288311686362

2020 - AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA

TABLE 402.4.1.1
AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA [a]

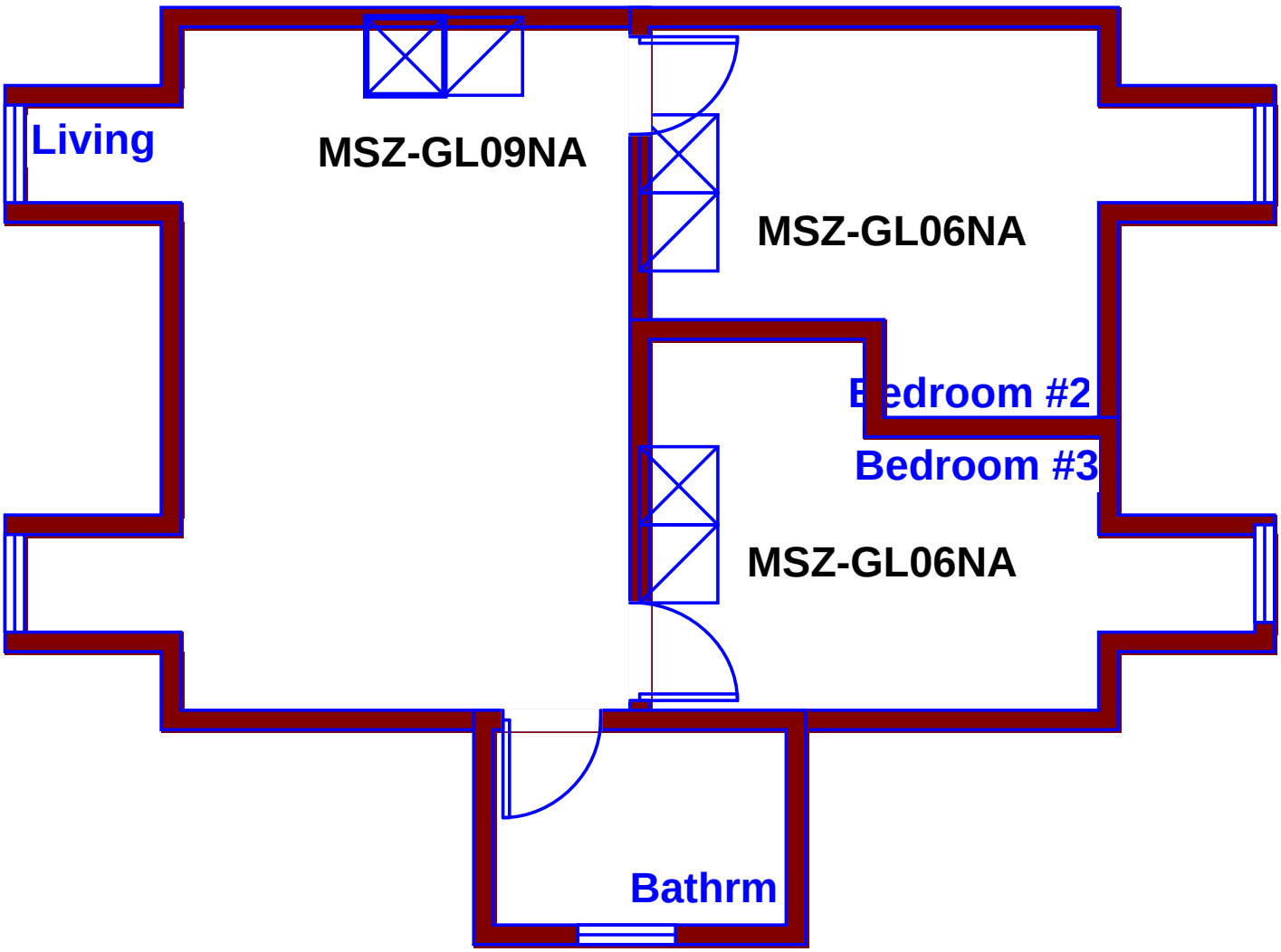
				CHECK
Project Name:	Adam Palmer	Builder Name:	Adam Palmer	
Street:	139 S.W. Ziegler Terrace	Permit Office:	Union	
City, State, Zip:	Lake Butler , FL , 32024	Permit Number:		
Owner:	Touchstone Heating & Air, Inc.	Jurisdiction:	731000	
Design Location:	FL, Gainesville			

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		
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 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.

Sheet 1

MXZ-3C24NA2



Job #: Adam Palmer **Performed by John Pirkl for:** Touchstone Heating & Air, Inc. 490 S.E. 3rd Avenue Lake Butler, FL 32054 Phone: (386) 496 - 3467 Fax: (386) 496 - 3147	**New Age Dimensions, LLC.** 14080 S.E. 122nd Lane Road Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 john.newage@gmail.com	Scale: 1 : 53 Page 1 Right-Suite® Universal 2021 21.0.07 RSU02050 2021-Jun-03 18:09:47 ...Adam Palmer Residence Design.rup

FORM R405-2020

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 73

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

139 S.W. Ziegler Terrace, Lake Butler, FL, 32024

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Detached
3. Number of units, if multiple family		1
4. Number of Bedrooms		2
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		524
7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.47	60.00 ft²
SHGC:	SHGC=0.31	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		2.000 ft.
Area Weighted Average SHGC:		0.310
8. Skylights	Description	Area
a. U-Factor(AVG):	N/A	ft²
SHGC(AVG):	N/A	
9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	524.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Type and Insulation	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1143.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²
11. Ceiling Type and insulation level	Insulation	Area
a. Under Attic (Vented)	R=30.0	524.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
12. Ducts, location & insulation level		R ft²
13. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	22.0	SEER:20.00
14. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	22.0	HSPF:9.80
15. Hot water systems		
a.		EF:
b. Conservation features		
Credits (Performance method)		CF, Pstat

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.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

*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.

Load Short Form
Entire House
New Age Dimensions, LLC.

Job: Adam Palmer
Date: 06/03/2021
By: John Pirkl
Plan: Manual J and D

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 Email: john.newage@gmail.com

Project Information

For: Touchstone Heating & Air, Inc.
490 S.E. 3rd Avenue, Lake Butler, FL 32054
Phone: (386) 496 - 3467 Fax: (386) 496 - 3147

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	68	75
Design TD (°F)	35	17
Daily range	-	M
Inside humidity (%)	50	50
Moisture difference (gr/lb)	29	47

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	Mitsubishi Electric
Trade	Mitsubishi Electric
Model	MXZ-3C24NA2
AHRI ref	201754902

Efficiency	9.8 HSPF	
Heating input		
Heating output	25000	Btuh @ 47°F
Temperature rise	29	°F
Actual air flow	800	cfm
Air flow factor	0.056	cfm/Btuh
Static pressure	0.51	in H2O
Space thermostat		

Capacity balance point = 22 °F

Backup:
Input = 5 kW, Output = 17061 Btuh, 100 AFUE

COOLING EQUIPMENT

Make	Mitsubishi Electric
Trade	Mitsubishi Electric
Cond	MXZ-3C24NA2
Coil	(2) MSZ-GL06NA + (1) MSZ-GL09NA
AHRI ref	201754902

Efficiency	13.6 EER, 20 SEER	
Sensible cooling	15400	Btuh
Latent cooling	6600	Btuh
Total cooling	22000	Btuh
Actual air flow	800	cfm
Air flow factor	0.070	cfm/Btuh
Static pressure	0.51	in H2O
Load sensible heat ratio	0.85	

ROOM NAME	Area (ft^2)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Living	240	6109	5617	341	391
Bedroom #2	123	3408	2641	190	184
Bedroom #3	117	2701	2419	151	168
Bathrm	44	2115	808	118	56
Entire House	524	14332	11485	800	800
Other equip loads		0	1707		
Equip. @ 0.97 RSM			12796		
Latent cooling			2418		
TOTALS	524	14332	15214	800	800

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Manual S Compliance Report

Entire House

New Age Dimensions, LLC.

Job: Adam Palmer
Date: 06/03/2021
By: John Pirkl
Plan: Manual J and D

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 Email: john.newage@gmail.com

Project Information

For: Touchstone Heating & Air, Inc.
490 S.E. 3rd Avenue, Lake Butler, FL 32054
Phone: (386) 496 - 3467 Fax: (386) 496 - 3147

Cooling Equipment

Design Conditions

Outdoor design DB:	92.0°F	Sensible gain:	13192	Btuh	Entering coil DB:	78.3°F
Outdoor design WB:	76.3°F	Latent gain:	2418	Btuh	Entering coil WB:	63.8°F
Indoor design DB:	75.0°F	Total gain:	15610	Btuh		
Indoor RH:	50%	Estimated airflow:	800	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type: Split ASHP
Manufacturer: Mitsubishi Electric Model: MXZ-3C24NA2+(2) MSZ-GL06NA + (1) MSZ-GL09NA

Actual airflow:	800	cfm		
Sensible capacity:	15400	Btuh	117% of load	
Latent capacity:	6600	Btuh	273% of load	
Total capacity:	22000	Btuh	141% of load	SHR: 70%

Heating Equipment

Design Conditions

Outdoor design DB:	33.4°F	Heat loss:	14332	Btuh	Entering coil DB:	67.4°F
Indoor design DB:	68.0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type: Split ASHP
Manufacturer: Mitsubishi Electric Model: MXZ-3C24NA2+(2) MSZ-GL06NA + (1) MSZ-GL09NA

Actual airflow:	800	cfm			
Output capacity:	25000	Btuh	174% of load	Capacity balance:	22 °F
Supplemental heat required:	0	Btuh		Economic balance:	-99 °F

Backup equipment type: Elec strip
Manufacturer: Model:

Actual airflow:	800	cfm			
Output capacity:	5.0	kW	119% of load	Temp. rise:	20 °F

Meets all requirements of ACCA Manual S.

FORM R405-2020

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Adam Palmer	Builder Name:	Adam Palmer
Street:	139 S.W. Ziegler Terrace	Permit Office:	Union
City, State, Zip:	Lake Butler , FL , 32024	Permit Number:	
Owner:	Touchstone Heating & Air, Inc.	Jurisdiction:	731000
Design Location:	FL, Gainesville	County:	Union (Florida Climate Zone 2)

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Detached
3. Number of units, if multiple family	1
4. Number of Bedrooms	2
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	524
Conditioned floor area below grade (ft²)	0

7. Windows(60.0 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.47	60.00 ft²
SHGC:	SHGC=0.31	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		2.000 ft.
Area Weighted Average SHGC:		0.310

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

9. Floor Types (524.0 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	524.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(1143.0 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1143.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

11. Ceiling Types (524.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	524.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

12. Ducts	R	ft²

13. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	22.0	SEER:20.00

14. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	22.0	HSPF:9.80

15. Hot water systems	
a.	EF: 0.000
b. Conservation features	

16. Credits	CF, Pstat

Glass/Floor Area: 0.115

Total Proposed Modified Loads: 17.91

Total Baseline Loads: 24.68

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY:John Pirkl

DATE:06/03/2021

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.73 ACH50 (R402.4.1.2).

- Proposed Qn of NAN exceeds the performance method default limit of 0.08 and therefore does not require duct testing. R405 .2.3

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Adam Palmer	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	524	Lot #	
Owner Name:	Touchstone Heating & Air, Inc	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Adam Palmer	Rotate Angle:	0	Street:	139 S.W. Ziegler Terrac
Permit Office:	Union	Cross Ventilation:	No	County:	Union
Jurisdiction:	731000	Whole House Fan:	No	City, State, Zip:	Lake Butler , FL , 32024
Family Type:	Detached				
New/Existing:	New (From Plans)				
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, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Entire House	524	4716

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Living	240	2160	No	1		1	Yes	Yes	Yes
2	Bedroom #2	123	1107	No	1	1	1	Yes	Yes	Yes
3	Bedroom #3	117	1053	No	1	1	1	Yes	Yes	Yes
4	Bathrm	44	396	No	0		1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Living	54 ft	0	240 ft²	----	0	1	0
_____	2	Slab-On-Grade Edge Insulatio	Bedroom #2	30.5 ft	0	123 ft²	----	0	1	0
_____	3	Slab-On-Grade Edge Insulatio	Bedroom #3	23.5 ft	0	117 ft²	----	0	1	0
_____	4	Slab-On-Grade Edge Insulatio	Bathrm	19 ft	0	44 ft²	----	0	1	0

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	552 ft²	88 ft²	Medium	N	0.9	No	0.9	No	0	18.43

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	524 ft²	N	N

INPUT SUMMARY CHECKLIST REPORT

CEILING

√	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Living	30	Blown	240 ft²	0.1	Wood
_____	2	Under Attic (Vented)	Bedroom #2	30	Blown	123 ft²	0.1	Wood
_____	3	Under Attic (Vented)	Bedroom #3	30	Blown	117 ft²	0.1	Wood
_____	4	Under Attic (Vented)	Bathrm	30	Blown	44 ft²	0.1	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
____	1	N	Exterior	Frame - Wood	Living	13	20	0	9	0	180.0 ft²	0	0.25	0.23	0
____	2	S	Exterior	Frame - Wood	Living	13	16	0	9	0	144.0 ft²	0	0.25	0.23	0
____	3	W	Exterior	Frame - Wood	Living	13	18	0	9	0	162.0 ft²	0	0.25	0.23	0
____	4	N	Exterior	Frame - Wood	Bedroom #2	13	16	0	9	0	144.0 ft²	0	0.25	0.23	0
____	5	E	Exterior	Frame - Wood	Bedroom #2	13	10	6	9	0	94.5 ft²	0	0.25	0.23	0
____	6	S	Exterior	Frame - Wood	Bedroom #2	13	4	0	9	0	36.0 ft²	0	0.25	0.23	0
____	7	N	Exterior	Frame - Wood	Bedroom #3	13	4	0	9	0	36.0 ft²	0	0.25	0.23	0
____	8	E	Exterior	Frame - Wood	Bedroom #3	13	7	6	9	0	67.5 ft²	0	0.25	0.23	0
____	9	S	Exterior	Frame - Wood	Bedroom #3	13	12	0	9	0	108.0 ft²	0	0.25	0.23	0
____	10	E	Exterior	Frame - Wood	Bathrm	13	5	6	9	0	49.5 ft²	0	0.25	0.23	0
____	11	S	Exterior	Frame - Wood	Bathrm	13	8	0	9	0	72.0 ft²	0	0.25	0.23	0
____	12	W	Exterior	Frame - Wood	Bathrm	13	5	6	9	0	49.5 ft²	0	0.25	0.23	0

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	W	3	Vinyl	Low-E Double	Yes	0.47	0.31	N	25.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
_____	2	E	5	Vinyl	Low-E Double	Yes	0.47	0.31	N	12.5 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
_____	3	E	8	Vinyl	Low-E Double	Yes	0.47	0.31	N	12.5 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
_____	4	S	11	Vinyl	Low-E Double	Yes	0.47	0.31	N	10.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000327	450.4	24.71	46.39	.1177	5.73

HEATING SYSTEM

√	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump/	Split	Singl	HSPF:9.8	22 kBtu/hr	1	Ductless

FORM R405-2020

INPUT SUMMARY CHECKLIST REPORT

COOLING SYSTEM

√	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit/	Split	Singl	SEER: 20	22 kBtu/hr	800 cfm	0.7	1	Ductless

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____					ft²		

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

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

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.	0 ft²	0 ft	0.3	Living
Default(8 lbs/sq.ft.	ft²	ft	0.3	Bedroom #2
Default(8 lbs/sq.ft.	ft²	ft	0.3	Bedroom #3
Default(8 lbs/sq.ft.	ft²	ft	0.3	Bathrm