

PROJECT

Title:	200-30 Lantana-5	Bedrooms:	3	Address Type:	Lot Information
Building Type:	User	Conditioned Area:	2127	Lot #	30
Owner:	200-30	Total Stories:	1	Block/SubDivision:	200
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Mike West	Rotate Angle:	0	Street:	
Permit Office:	Sumter	Cross Ventilation:		County:	Sumter
Jurisdiction:	70100	Whole House Fan:		City, State, Zip:	The Villages , FL , 32162
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	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, Ocala	FL_OCALA_MUNI_(AWO	2	28	91	70	75	1144.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	2127	17016

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	2127	17016	Yes	4	3	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area	Tile	Wood	Carpet	
_____	1	Slab-On-Grade Edge Insulatio	Main	212.92 ft	0	2127 ft²	----	0.4	0	0.6

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)	
_____	1	Hip	Composition shingles	2379 ft²	0 ft²	Medium	0.85	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2127 ft²	Y	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	2127 ft²	0.11	Wood

WALLS

✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
___ 1	SE	Exterior	Concrete Block - Int Insul	Main	5	48	0	8		384.0 ft ²		0	0.600000	0
___ 2	NE	Exterior	Concrete Block - Int Insul	Main	5	39	2	8		313.3 ft ²		0	0.600000	0
___ 3	NW	Exterior	Concrete Block - Int Insul	Main	5	10	8	12		128.0 ft ²		0	0.600000	0
___ 4	N	Exterior	Concrete Block - Int Insul	Main	5	4		10	8	42.7 ft ²		0	0.600000	0
___ 5	NW	Exterior	Concrete Block - Int Insul	Main	5	12	1	10	8	128.9 ft ²		0	0.600000	0
___ 6	W	Exterior	Concrete Block - Int Insul	Main	5	4		10	8	42.7 ft ²		0	0.600000	0
___ 7	SW	Exterior	Concrete Block - Int Insul	Main	5	57	4	8		458.7 ft ²		0	0.600000	0
___ 8	NE	Garage	Frame - Wood	Main	11	17	1	8		136.7 ft ²		0	0.01	0
___ 9	NW	Garage	Frame - Wood	Main	11	22		8		176.0 ft ²		0.23	0.01	0

DOORS

✓ #	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	NW	Wood	Main	None	.39	3		6	8	20 ft ²
___ 2	NW	Insulated	Main	None	.46	3		6	8	20 ft ²
___ 3	SE	Wood	Main	None	.39	3		6	8	20 ft ²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Separation	Int Shade	Screening
___ 1	SE	1	Metal	Low-E Double	Yes	0.61	0.24	80.0 ft ²	12 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5
___ 2	SE	1	Metal	Low-E Double	Yes	0.61	0.24	40.0 ft ²	12 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5
___ 3	N	2	Vinyl	Low-E Double	Yes	0.3	0.2	20.0 ft ²	0 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5
___ 4	NW	3	Vinyl	Low-E Double	Yes	0.26	0.21	10.0 ft ²	8 ft 2.5 in	2 ft 5 in	Drapes/blinds	Exterior 5
___ 5	NW	3	Metal	Single (Clear)	Yes	0.23	0.16	13.3 ft ²	8 ft 2.5 in	5 ft 2 in	Drapes/blinds	Exterior 5
___ 6	N	4	Vinyl	Low-E Double	Yes	0.3	0.2	10.0 ft ²	0 ft 10 in	4 ft 0 in	Drapes/blinds	Exterior 5
___ 7	NW	5	Vinyl	Low-E Double	Yes	0.3	0.2	20.0 ft ²	0 ft 10 in	4 ft 0 in	Drapes/blinds	Exterior 5
___ 8	W	6	Vinyl	Low-E Double	Yes	0.3	0.2	10.0 ft ²	0 ft 10 in	4 ft 0 in	Drapes/blinds	Exterior 5
___ 9	SW	7	Vinyl	Low-E Double	Yes	0.3	0.2	15.0 ft ²	0 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5
___ 10	SW	7	Vinyl	Low-E Double	Yes	0.3	0.2	12.0 ft ²	0 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5
___ 11	SW	7	Vinyl	Low-E Double	Yes	0.3	0.2	20.0 ft ²	0 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5
___ 12	SE	1	Vinyl	Low-E Double	Yes	0.3	0.2	15.0 ft ²	12 ft 10 in	1 ft 4 in	Drapes/blinds	Exterior 5

GARAGE

✓ #	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
___ 1	952 ft ²	384 ft ²	90.8 ft	8 ft	0

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	1418	77.85	146.4	.1855	5

HEATING SYSTEM

#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
1	Electric Heat Pump	Split	HSPF:8.5	42 kBtu/hr	1	sys#1

COOLING SYSTEM

#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
1	Central Unit	Split	SEER: 15	41.5 kBtu/hr	1245 cfm	0.76	1	sys#1

HOT WATER SYSTEM

#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
1	Electric	None	Garage	0.95	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
None	None			ft ²		

DUCTS

#	Location	R-Value	Area	Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	Heat	HVAC # Cool
1	Attic	6	425.4 ft	Attic	106.35	Prop. Leak Free	Garage	--- cfm	63.8 cfm	0.03	0.60	1	1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

FORM R405-2014

Thermostat Schedule: HERS 2006 Reference		Hours											
Schedule Type		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