

Project Name: LAMAS 5900 SW 114 TER Street: 5900 SW 114 TER City, State, Zip: PINECREST, FL, 33156 Owner: 5900 LLC Design Location: FL, Miami	Builder Name: Permit Office: Permit Number: Jurisdiction: 233250 County: MIAMI-Dade(Florida Climate Zone 1)
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Glass/Floor Area: 0.270	Total Proposed Modified Loads: 320.55	PASS
	Total Baseline Loads: 322.33	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: _____ DATE: _____ 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: _____
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INPUT SUMMARY CHECKLIST REPORT

PROJECT										
Title:	LAMAS 5900 SW 114 TER				Address type:	Street Address				
Building Type:	User	Bedrooms:	6		Lot #:	---				
Owner:	5900 LLC	Conditioned Area:	8311		Block/SubDivision:	---				
Builder Name:		Total Stories:	2		PlatBook:	---				
Permit Office:		Worst Case:	No		Street:	5900 SW 114 TER				
Jurisdiction:	233250	Rotate Angle:	0		County:	MIAMI-Dade				
Family Type:	Detached	Cross Ventilation:			City, State, Zip:	PINECREST, FL, 33156				
New/Existing:	New (From Plans)	Whole House Fan:								
Year Construct:	2023	Terrain:	Suburban							
Comment:		Shielding:	Suburban							
CLIMATE										
✓ Design Location	Tmy Site	Design Temp	97.5%	2.5%	Int Design Temp	Winter	Summer	Heating Degree Days	Design Moisture	Daily temp Range
___ FL, Miami	FL_MIAMI_INTL_AP	51	90		70	75	149.5	56	Low	
BLOCKS										
✓ Number	Name	Area	Volume							
___ 1	Block1	1834	20174							
___ 2	Block2	1433	15763							
___ 3	Block3	1692	18612							
___ 4	Block4	1882	18820							
___ 5	Block5	1470	14700							
SPACES										
✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated	
___ 1	ZONE 1	1834	20174	Yes	1	1	Yes	Yes	Yes	
___ 2	ZONE 2	1433	15763	No	0	1	Yes	Yes	Yes	
___ 3	ZONE 3	1692	18612	No	1	0	Yes	Yes	Yes	
___ 4	ZONE 4	1882	18820	No	3	3	Yes	Yes	Yes	
___ 5	ZONE 5	1470	14700	No	2	1	Yes	Yes	Yes	
FLOORS (Total Exposed Area = 4959 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	ZONE 1	140	0	1834 ft	0.710	---	1.00	0.00	0.00
___ 2	Slab-On-Grade Edge Ins	ZONE 2	148	0	1433 ft	0.710	---	1.00	0.00	0.00
___ 3	Slab-On-Grade Edge Ins	ZONE 3	104	0	1692 ft	0.710	---	1.00	0.00	0.00
___ 4	Floor Over Other Space	ZONE 4	---	---	1057 ft	0.263		1.00	0.00	0.00
___ 5	Floor Over Other Space	ZONE 4	---	---	825 ft	0.263		1.00	0.00	0.00
___ 6	Floor Over Other Space	ZONE 5	---	---	1470 ft	0.263		1.00	0.00	0.00

INPUT SUMMARY CHECKLIST REPORT

ROOF													
✓ #	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)	
___ 1	Hip	Flat tile/slate	5227 ft²	0 ft²	Medium	N	0.5	No	0.9	No	30	18.43	

ATTIC						
✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	Full attic	Unvented	0	4959 ft²	N	N

CEILING (Total Exposed Area = 4959 sq.ft.)								
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___ 1	Under Attic(Unvented)	ZONE 1	0.0	Blown	364.0ft²	0.028	0.11	Wood
___ 2	Under Attic(Unvented)	ZONE 2	0.0	Blown	376.0ft²	0.028	0.11	Wood
___ 3	Under Attic(Unvented)	ZONE 3	0.0	Blown	867.0ft²	0.028	0.11	Wood
___ 4	Under Attic(Unvented)	ZONE 4	0.0	Blown	1882.0ft²	0.028	0.11	Wood
___ 5	Under Attic(Unvented)	ZONE 5	0.0	Blown	1470.0ft²	0.028	0.11	Wood

WALLS (Total Exposed Area = 7578 sq.ft.)															
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade
___ 1	W	Exterior	Conc. Blk - Int Ins	ZONE 1	4.1	64.0	0	11.0	0	704.0	0.149		0	0.50	0 %
___ 2	N	Garage	Conc. Blk - Int Ins	ZONE 1	4.1	22.0	0	11.0	0	242.0	0.149		0	0.50	0 %
___ 3	E	Exterior	Conc. Blk - Int Ins	ZONE 1	4.1	11.0	0	11.0	0	121.0	0.149		0	0.50	0 %
___ 4	N	Exterior	Conc. Blk - Int Ins	ZONE 1	4.1	10.0	0	11.0	0	110.0	0.149		0	0.50	0 %
___ 5	N	Exterior	Conc. Blk - Int Ins	ZONE 3	4.1	34.0	0	11.0	0	374.0	0.149		0	0.50	0 %
___ 6	N	Exterior	Conc. Blk - Int Ins	ZONE 3	4.1	14.0	0	11.0	0	154.0	0.149		0	0.50	0 %
___ 7	N	Exterior	Conc. Blk - Int Ins	ZONE 2	4.1	41.0	0	11.0	0	451.0	0.149		0	0.50	0 %
___ 8	W	Exterior	Conc. Blk - Int Ins	ZONE 2	4.1	19.0	0	11.0	0	209.0	0.149		0	0.50	0 %
___ 9	E	Exterior	Conc. Blk - Int Ins	ZONE 2	4.1	52.0	0	11.0	0	572.0	0.149		0	0.50	0 %
___ 10	S	Exterior	Conc. Blk - Int Ins	ZONE 2	4.1	35.0	0	11.0	0	385.0	0.149		0	0.50	0 %
___ 11	S	Exterior	Conc. Blk - Int Ins	ZONE 3	4.1	46.0	0	11.0	0	506.0	0.149		0	0.50	0 %
___ 12	S	Exterior	Conc. Blk - Int Ins	ZONE 1	4.1	33.0	0	11.0	0	363.0	0.149		0	0.50	0 %
___ 13	E	Exterior	Conc. Blk - Int Ins	ZONE 1	4.1	17.0	0	11.0	0	187.0	0.149		0	0.50	0 %
___ 14	W	Exterior	Conc. Blk - Int Ins	ZONE 5	4.1	37.0	0	10.0	0	370.0	0.149		0	0.50	0 %
___ 15	N	Exterior	Conc. Blk - Int Ins	ZONE 5	4.1	25.0	0	10.0	0	250.0	0.149		0	0.50	0 %
___ 16	W	Exterior	Conc. Blk - Int Ins	ZONE 4	4.1	17.0	0	10.0	0	170.0	0.149		0	0.50	0 %
___ 17	N	Exterior	Conc. Blk - Int Ins	ZONE 4	4.1	89.0	0	10.0	0	890.0	0.149		0	0.50	0 %
___ 18	E	Exterior	Conc. Blk - Int Ins	ZONE 4	4.1	7.0	0	10.0	0	70.0	0.149		0	0.50	0 %
___ 19	W	Exterior	Conc. Blk - Int Ins	ZONE 4	4.1	10.0	0	10.0	0	100.0	0.149		0	0.50	0 %
___ 20	E	Exterior	Conc. Blk - Int Ins	ZONE 4	4.1	38.0	0	10.0	0	380.0	0.149		0	0.50	0 %
___ 21	S	Exterior	Conc. Blk - Int Ins	ZONE 4	4.1	36.0	0	10.0	0	360.0	0.149		0	0.50	0 %
___ 22	S	Exterior	Conc. Blk - Int Ins	ZONE 5	4.1	47.0	0	10.0	0	470.0	0.149		0	0.50	0 %
___ 23	E	Exterior	Conc. Blk - Int Ins	ZONE 5	4.1	14.0	0	10.0	0	140.0	0.149		0	0.50	0 %

DOORS (Total Exposed Area = 24 sq.ft.)											
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	N	Garage	Wood	ZONE 1	None	0.46	3.00	0	8.00	0	24.0ft²

INPUT SUMMARY CHECKLIST REPORT

WINDOWS (Total Exposed Area = 2243 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) Sep. (ft)		Interior Shade	Screen	
___ 1	W	1	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	81.0	3	3.00	9.00	2.5	10.0	None	None
___ 2	W	1	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	36.0	2	3.00	6.00	2.5	3.0	None	None
___ 3	E	3	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	63.0	3	3.00	7.00	2.5	3.0	None	None
___ 4	N	4	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	18.0	1	3.00	6.00	2.5	3.0	None	None
___ 5	N	5	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	108.0	3	4.00	9.00	2.5	3.0	None	None
___ 6	N	5	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	18.0	1	3.00	6.00	2.5	3.0	None	None
___ 7	N	5	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	90.0	3	3.00	10.00	2.5	3.0	None	None
___ 8	N	6	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	100.0	1	10.00	10.00	12.5	1.0	None	None
___ 9	N	7	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	80.0	2	4.00	10.00	2.5	3.0	None	None
___ 10	N	7	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	96.0	4	3.00	8.00	2.5	3.0	None	None
___ 11	E	9	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	40.0	1	4.00	10.00	2.5	3.0	None	None
___ 12	E	9	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	45.0	1	5.00	9.00	2.5	3.0	None	None
___ 13	E	9	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	48.0	2	3.00	8.00	2.5	3.0	None	None
___ 14	S	10	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	240.0	2	12.00	10.00	2.5	3.0	None	None
___ 15	S	11	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	190.0	1	20.00	9.50	15.5	1.0	None	None
___ 16	S	11	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	72.0	3	3.00	8.00	2.5	3.0	None	None
___ 17	S	12	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	199.5	1	21.00	9.50	20.5	2.0	None	None
___ 18	S	12	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	54.0	2	3.00	9.00	20.5	1.0	None	None
___ 19	E	13	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	54.0	2	3.00	9.00	20.5	1.0	None	None
___ 20	W	14	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	20.0	2	2.00	5.00	2.5	3.0	None	None
___ 21	W	14	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	9.0	1	6.00	1.50	2.5	3.0	None	None
___ 22	N	15	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	30.0	2	3.00	5.00	2.5	3.0	None	None
___ 23	N	17	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	96.0	4	3.00	8.00	2.5	3.0	None	None
___ 24	N	17	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	30.0	2	3.00	5.00	2.5	3.0	None	None
___ 25	N	17	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	72.0	3	3.00	8.00	2.5	3.0	None	None
___ 26	N	17	Metal	Single (Tinted)	Y	1.03	0.40	N	N	32.0	1	4.00	8.00	2.5	3.0	None	None
___ 27	N	17	Metal	Single (Tinted)	Y	1.03	0.40	N	N	30.0	2	3.00	5.00	2.5	3.0	None	None
___ 28	E	20	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	60.0	4	3.00	5.00	2.5	3.0	None	None
___ 29	S	21	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	45.0	3	3.00	5.00	2.5	3.0	None	None
___ 30	S	21	Metal	Single (Tinted)	Y	1.03	0.40	N	N	96.0	4	3.00	8.00	2.5	3.0	None	None
___ 31	S	22	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	90.0	6	3.00	5.00	2.5	3.0	None	None

INFILTRATION									
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)
___ 1	Wholehouse	Proposed ACH(50)	0.00028	6018	330.17	619.85	0.1280	4.1	All

GARAGE					
✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
___ 1	770 ft²	770 ft²	64 ft	11 ft	4

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	ZONE 1
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	ZONE 2
___ 3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	ZONE 3
___ 4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	ZONE 4
___ 5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	ZONE 5

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump--- Entry Power Volt Current				Ducts	Block
___ 1	Electric Strip Heat	None		COP: 1.00	34.0		0.00	0.00	0.00	sys#1	1
___ 2	Electric Strip Heat	None		COP: 1.00	34.0		0.00	0.00	0.00	sys#2	2
___ 3	Electric Strip Heat	None		COP: 1.00	25.0		0.00	0.00	0.00	sys#3	3
___ 4	Electric Strip Heat	None		COP: 1.00	34.0		0.00	0.00	0.00	sys#4	4
___ 5	Electric Strip Heat	None		COP: 1.00	25.0		0.00	0.00	0.00	sys#5	5

COOLING SYSTEM

✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	Split/Single		SEER:16.0	56.0	1800	0.85	sys#1	1
___ 2	Central Unit	Split/Single		SEER:16.0	46.5	1450	0.85	sys#2	2
___ 3	Central Unit	Split/Single		SEER:16.0	34.8	1125	0.85	sys#3	3
___ 4	Central Unit	Split/Single		SEER:16.0	46.5	1450	0.85	sys#4	4
___ 5	Central Unit	Split/Single		SEER:16.0	34.8	1125	0.85	sys#5	5

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Propane	Tankless	Exterior	0.92 (0.92)	1.00 gal	90 gal	120 deg	Standard	None	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 #	Location	Supply R-Value	Area	Return R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat Cool	
___ 1	ZONE 1	6.0	150 ft²	ZONE 1	6.0	0 ft²	Default Leakage	ZONE 1	(Default)	(Default)		1	1
___ 2	ZONE 2	6.0	150 ft²	ZONE 2	6.0	0 ft²	Default Leakage	ZONE 2	(Default)	(Default)		2	2
___ 3	ZONE 3	6.0	150 ft²	ZONE 3	6.0	0 ft²	Default Leakage	ZONE 3	(Default)	(Default)		3	3
___ 4	Attic	6.0	150 ft²	ZONE 4	6.0	0 ft²	Default Leakage	ZONE 4	(Default)	(Default)		4	4
___ 5	Attic	6.0	150 ft²	ZONE 5	6.0	0 ft²	Default Leakage	ZONE 5	(Default)	(Default)		5	5

TEMPERATURES

Programable Thermostat: Y													
Ceiling Fans: N													
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	Hours												
Schedule Type	1	2	3	4	5	6	7	8	9	10	11	12	
___ Cooling (WD)	AM PM	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
___ Cooling (WEH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
___ Heating (WD)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66

INPUT SUMMARY CHECKLIST REPORT

TEMPERATURES(Continued)

___ 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