

Project Name: lamas 5900 sw 114 ter guest quarters				Builder Name:			
Street: 5900 sw 114 ter				Permit Office:			
City, State, Zip: pinecrest, FL, 33156				Permit Number:			
Owner: 5900 LLC				Jurisdiction: 233250			
Design Location: FL, Miami				County: miami-Dade(Florida Climate Zone 1)			
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 1 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 928 Conditioned floor area below grade (ft²) 0 7. Windows(210.0 sqft.) Description Area a. U-Factor: Sgl, U=1.03 210.00 ft² SHGC: SHGC=0.40 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 2.500 ft Area Weighted Average SHGC: 0.400 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= 0.0 928.00 ft² b. N/A R= ft² c. N/A R= ft²				10. Wall Types(1441.0 sqft.) Insulation Area a. Concrete Block - Int Insul, Exterior R=4.1 1441.00 ft² b. N/A c. N/A d. N/A 11. Ceiling Types(928.0 sqft.) Insulation Area a. Roof Deck (Unvented) R=30.0 928.00 ft² b. N/A c. N/A 12. Roof(Flat tile/slate, Unvent) Deck R=30.0 978 ft² 13. Ducts, location & insulation level R ft² a. Sup: Attic, Ret: ZONE 6, AH: ZONE 6 6 100 b. c. 14. Cooling Systems kBtu/hr Efficiency a. Central Unit 34.8 SEER2:16.00 15. Heating Systems kBtu/hr Efficiency a. Electric Strip Heat 25.0 COP:1.00 16. Hot Water Systems a. ElectricTankless Cap: 1 gallons EF: 0.990 b. Conservation features 17. Credits None Pstat			

PASS

DATE:

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INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	lamas 5900 sw 114 ter guest quarters					Address type:	Street Address					
Building Type:	User	Bedrooms:	1		Lot #:	---						
Owner:	5900 LLC	Conditioned Area:	928		Block/SubDivision:	---						
Builder Home ID:		Total Stories:	1		PlatBook:	---						
Builder Name:		Worst Case:	No		Street:	5900 sw 114 ter						
Permit Office:		Rotate Angle:	0		County:	miami-Dade						
Jurisdiction:	233250	Cross Ventilation:			City, State, Zip:	pinecrest, FL, 33156						
Family Type:	Detached	Whole House Fan:										
New/Existing:	New (From Plans)	Terrain:	Suburban									
Year Construct:	2023	Shielding:	Suburban									
Comment:												
CLIMATE												
✓ Design Location	Tmy Site	Design Temp		Int Design Temp		Heating	Design	Daily temp				
		97.5%	2.5%	Winter	Summer	Degree Days	Moisture	Range				
___ FL, Miami	FL_MIAMI_INTL_AP	51	90	70	75	149.5	56	Low				
BLOCKS												
✓ Number	Name	Area	Volume									
___ 1	Block1	928	10208 cu ft									
SPACES												
✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated			
___ 1	ZONE 6	928	10208	Yes	1	1	Yes	Yes	Yes			
FLOORS (Total Exposed Area = 928 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 6	131	0	928 ft	0.710	---	1.00	0.00	0.00		
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	978 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		928 ft²	N	N					
CEILING (Total Exposed Area = 928 sq.ft.)												
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type				
___ 1	Flat ceiling under attic(Unvented)	ZONE 6	0.0	Blown	928.0ft²	0.028	0.11	Wood				

INPUT SUMMARY CHECKLIST REPORT

WALLS (Total Exposed Area = 1441 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 6	4.1	42.0	0	11.0	0	462.0	0.149		0	0.50	0 %
___ 2	S	Exterior	Conc. Blk - Int Ins	ZONE 6	4.1	23.0	6	11.0	0	258.5	0.149		0	0.50	0 %
___ 3	E	Exterior	Conc. Blk - Int Ins	ZONE 6	4.1	42.0	0	11.0	0	462.0	0.149		0	0.50	0 %
___ 4	N	Exterior	Conc. Blk - Int Ins	ZONE 6	4.1	23.0	6	11.0	0	258.5	0.149		0	0.50	0 %

DOORS (Total Exposed Area = 0 sq.ft.)											
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	N(Front)	Exterior	Wood	ZONE 6	None	0.20	0.10	0	0.10	0	0.1ft²

WINDOWS (Total Exposed Area = 210 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	84.0	4	3.00	7.00	2.5	3.0	None	None
___ 2	E	3	Metal	Single (Tinted)	Y	1.03	0.40	Y	N	126.0	6	3.00	7.00	2.5	3.0	None	None

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00029	698	38.27	71.85	0.0985	4.1	All	10208 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	ZONE 6

HEATING SYSTEM											
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	----Geothermal Entry	Heat Pump Power	Volts	Current	Ducts	Block
___ 1	Electric Strip Heat	None		COP: 1.00	25.0		0.00	0.00	0.00	sys#1	1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	Split/Single		SEER2:16.0	34.8	1125	0.85	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Electric	Tankless	ZONE 6	0.99 (0.99)	1.00 gal	40 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	HVAC # Cool
___ 1	Attic	6.0	100 ft²	ZONE 6	6.0	0 ft²	Default Leakage	ZONE 6	(Default)	(Default)		1	1

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													
✓ Schedule Type		1	2	3	4	5	6	Hours 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
___ Heating (WEH)	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