

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: OB - Trevi - 2112 Parson St
 Street: 2112 Parson St
 City, State, Zip: Naples, FL, 34120
 Owner: Lennar
 Design Location: FL, NAPLES_MUNICIPAL

Builder Name: Lennar
 Permit Office: Collier County
 Permit Number:
 Jurisdiction: 211000
 County: Collier (Florida Climate Zone 1)

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	4
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft ²)	2032
Conditioned floor area below grade (ft ²)	0
7. Windows(205.3 sqft.)	Description Area
a. U-Factor:	Dbl, U=0.58 133.33 ft ²
SHGC:	SHGC=0.35
b. U-Factor:	Dbl, U=0.56 72.00 ft ²
SHGC:	SHGC=0.32
c. U-Factor:	N/A ft ²
SHGC:	
d. U-Factor:	N/A ft ²
SHGC:	
Area Weighted Average Overhang Depth:	4.104 ft.
Area Weighted Average SHGC:	0.339
8. Floor Types (2032.0 sqft.)	Insulation Area
a. Slab-On-Grade Edge Insulation	R=0.0 2032.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²

9. Wall Types(1926.0 sqft.)	Insulation Area
a. Concrete Block - Ext Insul, Exterior	R=4.1 1656.00 ft ²
b. Frame - Wood, Adjacent	R=13.0 270.00 ft ²
c. N/A	R= ft ²
d. N/A	R= ft ²
10. Ceiling Types (2032.0 sqft.)	Insulation Area
a. Under Attic (Vented)	R=30.0 2032.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²
11. Ducts	R ft ²
a. Sup: Attic, Ret: Entry, AH: AC	6 804
12. Cooling systems	kBtu/hr Efficiency
a. Central Unit	39.5 SEER:14.00
13. Heating systems	kBtu/hr Efficiency
a. Electric Strip Heat	22.9 COP:1.00
14. Hot water systems	
a. Electric	Cap: 40 gallons
	EF: 0.950
b. Conservation features	
None	
15. Credits	Pstat

Glass/Floor Area: 0.101

Total Proposed Modified Loads: 70.64

Total Baseline Loads: 72.13

PASS

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

PREPARED BY: _____
 DATE: April 6, 2018

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

K. Assini

OWNER/AGENT: _____
 DATE: 4/9/18

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 7.00 ACH50 (R402.4.1.2).