

**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

Florida Department of Business and Professional Regulation - Residential Performance Method

|                                                                                                                   |                                                                                                                                |
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| Project Name: Gomez / Cartlet<br>Street:<br>City, State, Zip: , FL,<br>Owner:<br>Design Location: FL, Gainesville | Builder Name: IC Construction<br>Permit Office:<br>Permit Number:<br>Jurisdiction:<br>County: Columbia(Florida Climate Zone 2) |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|

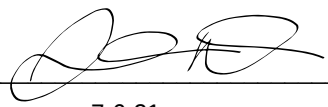
  

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| 1. New construction or existing      New (From Plans)<br>2. Single family or multiple family      Detached<br>3. Number of units, if multiple family      1<br>4. Number of Bedrooms      4<br>5. Is this a worst case?      No<br>6. Conditioned floor area above grade (ft²)      2815<br>Conditioned floor area below grade (ft²)      0<br>7. Windows(327.0 sqft.)      Description      Area<br>a. U-Factor:      Dbl, U=0.26      327.00 ft²<br>SHGC:      SHGC=0.25<br>b. U-Factor:      N/A      ft²<br>SHGC:<br>c. U-Factor:      N/A      ft²<br>SHGC:<br>Area Weighted Average Overhang Depth:      3.610 ft<br>Area Weighted Average SHGC:      0.250<br>8. Skylights      Description      Area<br>U-Factor:(AVG)      N/A      N/A ft²<br>SHGC(AVG):      N/A<br>9. Floor Types      Insulation      Area<br>a. Slab-On-Grade Edge Insulation      R= 0.0      2815.00 ft²<br>b. N/A      R=      ft²<br>c. N/A      R=      ft² | 10. Wall Types(2890.0 sqft.)      Insulation      Area<br>a. Concrete Block - Int Insul, Exterior      R=13.0      2508.30 ft²<br>b. Concrete Block - Int Insul, Adjacent      R=13.0      381.67 ft²<br>c. N/A      R=      ft²<br>d. N/A      R=      ft²<br>11. Ceiling Types(2815.0 sqft.)      Insulation      Area<br>a. Roof Deck (Unvented)      R=44.0      2815.00 ft²<br>b. N/A      R=      ft²<br>c. N/A      R=      ft²<br>12. Ducts, location & insulation level      R      ft²<br>a. a. Sup: Main, Ret: Main, AH: Main      6      563<br>b.<br>c.<br>13. Cooling Systems      kBtu/hr      Efficiency<br>a. Central Unit      36.0      SEER:16.00<br><br>14. Heating Systems      kBtu/hr      Efficiency<br>a. Electric Heat Pump      36.0      HSPF:8.50<br><br>15. Hot Water Systems<br>a. Electric Tankless      Cap: 1 gallons<br>EF: 0.920<br>b. Conservation features<br>None<br>CE, Pstat<br>16. Credits |
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|                        |                                      |      |
|------------------------|--------------------------------------|------|
| Glass/Floor Area:0.116 | Total Proposed Modified Loads: 54.23 | PASS |
|                        | Total Baseline Loads: 80.51          |      |

|                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                          |
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| I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.<br><br>PREPARED BY: <br>DATE: 7-6-21<br><br>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.<br>OWNER/AGENT: _____<br>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.<br><br><br><br>BUILDING OFFICIAL: _____<br>DATE: _____ |
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- 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 with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 4.72 ACH50 (R402.4.1.2).

## INPUT SUMMARY CHECKLIST REPORT

| PROJECT                                    |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
|--------------------------------------------|------------------------|--|-------------|--------------------|-------------------|------------|--------------------|-----------------|------------|---------------|----------|--------------------|---------------|-----------------|------------|-----------------|--------|--|--------------|--|-------------|--|-------------|--|
| Title:                                     | Gomez / Cartlet        |  |             | Bedrooms:          | 4                 |            | Address type:      | Street Address  |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Building Type:                             | User                   |  |             | ConditionedArea:   | 2815              |            | Lot #:             | ---             |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Owner:                                     |                        |  |             | Total Stories:     | 1                 |            | Block/SubDivision: | ---             |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Builder Name:                              | IC Construction        |  |             | Worst Case:        | No                |            | PlatBook:          | ---             |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Permit Office:                             |                        |  |             | RotateAngle:       | 0                 |            | Street:            |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Jurisdiction:                              |                        |  |             | Cross Ventilation: |                   |            | County:            | Columbia        |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Family Type:                               | Detached               |  |             | Whole House Fan:   |                   |            | City, State, Zip:  | , FL,           |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| New/Existing:                              | New (From Plans)       |  |             | Terrain:           | Rural             |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Year Construct:                            | 2021                   |  |             | Shielding:         | Moderate/Rural    |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| Comment:                                   |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| CLIMATE                                    |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ Design Location                          | Tmy Site               |  |             | Design Temp        |                   | 97.5% 2.5% |                    | Int Design Temp |            | Winter Summer |          | Heating DegreeDays |               | Design Moisture |            | Dailytemp Range |        |  |              |  |             |  |             |  |
| ___ FL, Gainesville                        | FL_GAINESVILLE_REGIONA |  |             | 32 92              |                   | 70 75      |                    | 1305.5          |            | 51            |          | Medium             |               |                 |            |                 |        |  |              |  |             |  |             |  |
| BLOCKS                                     |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ Number                                   | Name                   |  | Area        |                    | Volume            |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ___ 1                                      | Block1                 |  | 2815        |                    | 28150             |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| SPACES                                     |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ Number                                   | Name                   |  | Area        |                    | Volume            |            | Kitchen            |                 | Occupants  |               | Bedrooms |                    | Finished      |                 | Cooled     |                 | Heated |  |              |  |             |  |             |  |
| ___ 1                                      | Main                   |  | 2815        |                    | 28150             |            | Yes                |                 | 8          |               | 4        |                    | Yes           |                 | Yes        |                 | Yes    |  |              |  |             |  |             |  |
| FLOORS (Total Exposed Area = 2815 sq.ft.)  |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ #                                        | Floor Type             |  | Space       |                    | ExposedPerim      |            | PerimeterR-Value   |                 | Area       |               | U-Factor |                    | Joist R-Value |                 | Tile       |                 | Wood   |  | Carpet       |  |             |  |             |  |
| ___ 1                                      | Slab-On-Grade Edge Ins |  | Main        |                    | 371               |            | 0                  |                 | 2815 ft    |               | 0.448    |                    | ---           |                 | 0.00       |                 | 0.80   |  | 0.20         |  |             |  |             |  |
| ROOF                                       |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ #                                        | Type                   |  | Materials   |                    | Roof Area         |            | Gable Area         |                 | Roof Color |               | Rad Barr |                    | Solar Absor.  |                 | SA Tested  |                 | Emitt  |  | Emitt Tested |  | Deck Insul. |  | Pitch (deg) |  |
| ___ 1                                      | Hip                    |  | Metal       |                    | 3259 ft²          |            | 0 ft²              |                 | Light      |               | N        |                    | 0.6           |                 | No         |                 | 0.9    |  | No           |  | 44          |  | 30.26       |  |
| ATTIC                                      |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ #                                        | Type                   |  | Ventilation |                    | Vent Ratio (1 in) |            | Area               |                 | RBS        |               | IRCC     |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ___ 1                                      | No attic               |  | Unvented    |                    | 0                 |            | 2815 ft²           |                 | N          |               | N        |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| CEILING (Total Exposed Area = 2815 sq.ft.) |                        |  |             |                    |                   |            |                    |                 |            |               |          |                    |               |                 |            |                 |        |  |              |  |             |  |             |  |
| ✓ #                                        | Ceiling Type           |  | Space       |                    | R-Value           |            | Ins. Type          |                 | Area       |               | U-Factor |                    | Framing Frac. |                 | Truss Type |                 |        |  |              |  |             |  |             |  |
| ___ 1                                      | UnderAttic(Unvented)   |  | Main        |                    | 30.0              |            | Blown              |                 | 2815.0ft²  |               | 0.028    |                    | 0.11          |                 | Wood       |                 |        |  |              |  |             |  |             |  |

# INPUT SUMMARY CHECKLIST REPORT

| WALLS  |      |             |                     |       |                |          |    |           |    |             |          |                |            |              | (Total Exposed Area = 2890 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  | S    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 20.0     | 8  | 10.0      | 0  | 206.7       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 2  | W    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 8.0      | 4  | 10.0      | 0  | 83.3        | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 3  | S    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 32.0     | 0  | 12.0      | 0  | 384.0       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 4  | E    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 21.0     | 6  | 10.0      | 0  | 215.0       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 5  | S    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 18.0     | 2  | 10.0      | 0  | 181.7       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 6  | W    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 51.0     | 10 | 10.0      | 0  | 518.3       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 7  | N    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 12.0     | 0  | 12.0      | 0  | 144.0       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 8  | E    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 3.0      | 0  | 12.0      | 0  | 36.0        | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 9  | N    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 8.0      | 0  | 12.0      | 0  | 96.0        | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 10 | W    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 3.0      | 0  | 12.0      | 0  | 36.0        | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 11 | N    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 12.0     | 0  | 12.0      | 0  | 144.0       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 12 | N    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 3.0      | 4  | 10.0      | 0  | 33.3        | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 13 | E    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 24.0     | 4  | 10.0      | 0  | 243.3       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 14 | S    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 3.0      | 4  | 10.0      | 0  | 33.3        | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 15 | E    | Exterior    | Conc. Blk - Int Ins | Main  | 13.0           | 15.0     | 4  | 10.0      | 0  | 153.3       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |
| ___ 16 | N    | Garage      | Conc. Blk - Int Ins | Main  | 13.0           | 38.0     | 2  | 10.0      | 0  | 381.7       | 0.064    |                | 0          | 0.75         | 0 %                                |  |  |  |

| DOORS |      |             |           |       |        |         |          |    |           |    | (Total Exposed Area = 232 sq.ft.) |  |  |
|-------|------|-------------|-----------|-------|--------|---------|----------|----|-----------|----|-----------------------------------|--|--|
| ✓ #   | Ornt | Adjacent To | Door Type | Space | Storms | U-Value | Width Ft | In | Height Ft | In | Area                              |  |  |
| ___ 1 | S    | Exterior    | Insulated | Main  | None   | 0.40    | 12.00    | 0  | 8.00      | 0  | 96.0ft²                           |  |  |
| ___ 2 | E    | Exterior    | Insulated | Main  | None   | 0.40    | 5.00     | 0  | 8.00      | 0  | 40.0ft²                           |  |  |
| ___ 3 | N    | Exterior    | Insulated | Main  | None   | 0.40    | 6.00     | 0  | 8.00      | 0  | 48.0ft²                           |  |  |
| ___ 4 | N    | Garage      | Insulated | Main  | None   | 0.40    | 3.00     | 0  | 8.00      | 0  | 24.0ft²                           |  |  |
| ___ 5 | N    | Garage      | Insulated | Main  | None   | 0.40    | 3.00     | 0  | 8.00      | 0  | 24.0ft²                           |  |  |

| WINDOWS |      |         |       |             |      |          |      |     |       |         |                             |             | (Total Exposed Area = 327 sq.ft.) |           |  |
|---------|------|---------|-------|-------------|------|----------|------|-----|-------|---------|-----------------------------|-------------|-----------------------------------|-----------|--|
| ✓ #     | Ornt | Wall ID | Frame | Panes       | NFRC | U-Factor | SHGC | Imp | Storm | Area    | -----Overhang-----<br>Depth | Separation  | Interior Shade                    | Screening |  |
| ___ 1   | S    | 1       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 36.0ft² | 8.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 2   | W    | 2       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 18.0ft² | 12.0 ft 6 in                | 2.0 ft 4 in | None                              | None      |  |
| ___ 3   | S    | 3       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 16.0ft² | 16.0 ft 6 in                | 2.0 ft 4 in | None                              | None      |  |
| ___ 4   | S    | 5       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 36.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 5   | W    | 6       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 54.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 6   | W    | 6       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 6.0ft²  | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 7   | W    | 6       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 12.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 8   | N    | 7       | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 42.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 9   | N    | 11      | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 42.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 10  | E    | 13      | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 8.0ft²  | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 11  | E    | 13      | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 15.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 12  | E    | 13      | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 6.0ft²  | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |
| ___ 13  | E    | 15      | Vinyl | Low-EDouble | Yes  | 0.26     | 0.25 | N   | N     | 36.0ft² | 1.0 ft 6 in                 | 2.0 ft 4 in | None                              | None      |  |

| INFILTRATION |            |                  |         |       |        |        |        |       |          |
|--------------|------------|------------------|---------|-------|--------|--------|--------|-------|----------|
| ✓ #          | Scope      | Method           | SLA     | CFM50 | ELA    | EqLA   | ACH    | ACH50 | Space(s) |
| ___ 1        | Wholehouse | Proposed ACH(50) | 0.00030 | 2213  | 121.40 | 227.92 | 0.1010 | 4.7   | All      |

# INPUT SUMMARY CHECKLIST REPORT

| GARAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------|------------------------|------------------------------|-------------------------|-------------------------|-------------------------|----------------|---------------|---------------|----------|----------|---------------------|
| ✓ #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Floor Area                                                | Roof Area              | Exposed Wall Perimeter | Avg. Wall Height             | Exposed Wall Insulation |                         |                         |                |               |               |          |          |                     |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 613 ft²                                                   | 613 ft²                | 80 ft                  | 10 ft                        | 13                      |                         |                         |                |               |               |          |          |                     |
| MASS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| ✓ #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mass Type                                                 | Area                   | Thickness              | Furniture Fraction           | Space                   |                         |                         |                |               |               |          |          |                     |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Default(8 lbs/sq.ft.)                                     | 0 ft²                  | 0 ft                   | 0.30                         | Main                    |                         |                         |                |               |               |          |          |                     |
| HEATING SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| ✓ #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | System Type                                               | Subtype/Speed          | AHRI #                 | Efficiency                   | Capacity<br>kBtu/hr     | ----Geothermal<br>Entry | Heat Pump<br>Power      | ----<br>Volt   | Current       | Ducts         | Block    |          |                     |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Electric Heat Pump                                        | None/Single            |                        | HSPF: 8.50                   | 36.0                    |                         | 0.00                    | 0.00           | 0.00          | sys#1         | 1        |          |                     |
| COOLING SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| ✓ #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | System Type                                               | Subtype/Speed          | AHRI #                 | Efficiency                   | Capacity<br>kBtu/hr     | Air Flow<br>cfm         | SHR                     | Duct           | Block         |               |          |          |                     |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Central Unit                                              | None/Single            |                        | SEER:16.0                    | 36.0                    | 1080                    | 0.85                    | sys#1          | 1             |               |          |          |                     |
| HOT WATER SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| ✓ #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | System Type                                               | Subtype                | Location               | EF(UEF)                      | Cap                     | Use                     | SetPnt                  | Fixture Flow   | Pipe Ins.     | Pipe length   |          |          |                     |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Electric                                                  | Tankless               | Exterior               | 0.92 (0.92)                  | 1.00 gal                | 70 gal                  | 120 deg                 | Standard       | None          | 99            |          |          |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Recirculation<br>System                                   | Recirc Control<br>Type | Loop<br>length         | Branch<br>length             | Pump<br>power           | DWHR                    | Facilities<br>Connected | Equal<br>Flow  | DWHR<br>Eff   | Other Credits |          |          |                     |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                                        |                        | NA                     | NA                           | NA                      | No                      | NA                      | NA             | NA            | None          |          |          |                     |
| DUCTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| ✓ Duct<br>#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -----Supply-----<br>Location                              | R-Value                | Area                   | -----Return-----<br>Location | R-Value                 | Area                    | Leakage Type            | Air<br>Handler | CFM 25<br>TOT | CFM 25<br>OUT | Qn       | RLF      | HVAC #<br>Heat Cool |
| ___ 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Main                                                      | 6.0                    | 563 ft²                | Main                         | 6.0                     | 141 ft²                 | Prop. Leak Free         | Main           | ---           | ---           | 0.03     | 0.50     | 1 1                 |
| TEMPERATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| Programable Thermostat: Y<br>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<br>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 type="checkbox"/> Oct <input checked="" type="checkbox"/> Nov <input checked="" type="checkbox"/> Dec<br>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 type="checkbox"/> Dec |                                                           |                        |                        |                              |                         |                         |                         |                |               |               |          |          |                     |
| ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Thermostat Schedule: HERS 2006 Reference<br>Schedule Type | 1                      | 2                      | 3                            | 4                       | 5                       | 6                       | 7              | 8             | 9             | 10       | 11       | 12                  |
| ___                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cooling (WD)                                              | AM<br>PM               | 78<br>80               | 78<br>80                     | 78<br>78                | 78<br>78                | 78<br>78                | 78<br>78       | 78<br>78      | 78<br>78      | 80<br>78 | 80<br>78 | 80<br>78            |
| ___                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cooling (WEH)                                             | AM<br>PM               | 78<br>78               | 78<br>78                     | 78<br>78                | 78<br>78                | 78<br>78                | 78<br>78       | 78<br>78      | 78<br>78      | 78<br>78 | 78<br>78 | 78<br>78            |

**INPUT SUMMARY CHECKLIST REPORT****TEMPERATURES(Continued)**

|                   |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ___ 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 |

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

## ESTIMATED ENERGY PERFORMANCE INDEX\* = 67

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

„FL,

|                                                          |                  |                                         |            |                         |
|----------------------------------------------------------|------------------|-----------------------------------------|------------|-------------------------|
| 1. New construction or existing                          | New (From Plans) | 10. Wall Types(2890.0 sqft.)            | Insulation | Area                    |
| 2. Single family or multiple family                      | Detached         | a. Concrete Block - Int Insul, Exterior | R=13.0     | 2508.30 ft <sup>2</sup> |
| 3. Number of units, if multiple family                   | 1                | b. Concrete Block - Int Insul, Adjacent | R=13.0     | 381.67 ft <sup>2</sup>  |
| 4. Number of Bedrooms                                    | 4                | c. N/A                                  | R=         | ft <sup>2</sup>         |
| 5. Is this a worst case?                                 | No               | d. N/A                                  | R=         | ft <sup>2</sup>         |
| 6. Conditioned floor area above grade (ft <sup>2</sup> ) | 2815             | 11. Ceiling Types(2815.0 sqft.)         | Insulation | Area                    |
| Conditioned floor area below grade (ft <sup>2</sup> )    | 0                | a. Roof Deck (Unvented)                 | R=44.0     | 2815.00 ft <sup>2</sup> |
| 7. Windows**                                             | Description      | b. N/A                                  | R=         | ft <sup>2</sup>         |
| a. U-Factor:                                             | Dbl, U=0.26      | c. N/A                                  | R=         | ft <sup>2</sup>         |
| SHGC:                                                    | SHGC=0.25        | 12. Ducts, location & insulation level  | R          | ft <sup>2</sup>         |
| b. U-Factor:                                             | N/A              | a. a. Sup: Main, Ret: Main, AH: Main    | 6          | 563                     |
| SHGC:                                                    | N/A              | b.                                      |            |                         |
| c. U-Factor:                                             | N/A              | c.                                      |            |                         |
| SHGC:                                                    |                  | 13. Cooling Systems                     | kBtu/hr    | Efficiency              |
| Area Weighted Average Overhang Depth:                    | 3.610 ft         | a. Central Unit                         | 36.0       | SEER:16.00              |
| Area Weighted Average SHGC:                              | 0.250            | 14. Heating Systems                     | kBtu/hr    | Efficiency              |
| 8. Skylights                                             | Description      | a. Electric Heat Pump                   | 36.0       | HSPF:8.50               |
| U-Factor:(AVG)                                           | N/A              |                                         |            |                         |
| SHGC(AVG):                                               | N/A              | 15. Hot Water Systems                   |            |                         |
| 9. Floor Types                                           | Insulation       | a. ElectricTankless                     |            | Cap: 1 gallons          |
| a. Slab-On-Grade Edge Insulation                         | R= 0.0           |                                         |            | EF: 0.920               |
| b. N/A                                                   | R=               | b. Conservation features                |            |                         |
| c. N/A                                                   | R=               |                                         |            | None                    |
|                                                          |                  | 16. Credits                             |            | 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: „FL,



\*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.